

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

BlackRock Health Sciences Trust

Form N-CSRS

July 03, 2013

Table of Contents

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM N-CSR

**CERTIFIED SHAREHOLDER REPORT OF REGISTERED MANAGEMENT INVESTMENT
COMPANIES**

Investment Company Act file number 811-21702

Name of Fund: BlackRock Health Sciences Trust (BME)

Fund Address: 100 Bellevue Parkway, Wilmington, DE 19809

Name and address of agent for service: John M. Perlowski, Chief Executive Officer, BlackRock Health Sciences Trust,

55 East 52nd Street, New York, NY 10055

Registrant's telephone number, including area code: (800) 882-0052, Option 4

Date of fiscal year end: 10/31/2013

Date of reporting period: 04/30/2013

Table of Contents

Item 1 Report to Stockholders

Table of Contents

APRIL 30, 2013

SEMI-ANNUAL REPORT (UNAUDITED)

BLACK ROCK[®]

BlackRock EcoSolutions Investment Trust (BQR)
BlackRock Energy and Resources Trust (BGR)
BlackRock Enhanced Capital and Income Fund, Inc. (CII)
BlackRock Enhanced Equity Dividend Trust (BDJ)
BlackRock Global Opportunities Equity Trust (BOE)
BlackRock Health Sciences Trust (BME)
BlackRock International Growth and Income Trust (BGY)
BlackRock Real Asset Equity Trust (BCF)
BlackRock Resources & Commodities Strategy Trust (BCX)
BlackRock S&P Quality Rankings Global Equity Managed Trust (BQY)
BlackRock Utility and Infrastructure Trust (BUI)

Not FDIC Insured ; May Lose Value ; No Bank Guaranteed

Table of Contents

Section 19(a) Notices

BlackRock EcoSolutions Investment Trust s (BQR), BlackRock Energy and Resources Trust s (BGR), BlackRock Enhanced Capital and Income Fund, Inc. s (CII), BlackRock Enhanced Equity Dividend Trust s (BDJ), BlackRock Global Opportunities Equity Trust s (BOE), BlackRock Health Sciences Trust s (BME), BlackRock International Growth and Income Trust s (BGY), BlackRock Real Asset Equity Trust s (BCF), BlackRock Resources & Commodities Strategy Trust s (BCX), BlackRock S&P Quality Rankings Global Equity Managed Trust s (BQY) and BlackRock Utility and Infrastructure Trust s (BUI) (each, a Trust and collectively, the Trusts), reported amounts and sources of distributions are estimates and are not being provided for tax reporting purposes. The actual amounts and sources for tax reporting purposes will depend upon each Trust s investment experience during the year and may be subject to changes based on the tax regulations. Each Trust will provide a Form 1099-DIV each calendar year that will explain the character of these dividends and distributions for federal income tax purposes.

April 30, 2013

	Total Cumulative Distributions for the Fiscal Year				% Breakdown of the Total Cumulative Distributions for the Fiscal Year					
	Net	Return			Total Per Common Share	Net	Net Realized	Net Realized	Return	Total Per Common Share
	Investment Income	Capital Gains Short-Term	Capital Gains Long-Term	of Capital		Investment Income	Capital Gains Short-Term	Capital Gains Long-Term	of Capital	
BQR*	\$ 0.033523			\$ 0.324977	\$ 0.358500	9%	0%	0%	91%	100%
BGR	\$ 0.054296	\$ 0.357122	\$ 0.398582		\$ 0.810000	7%	44%	49%	0%	100%
CII*	\$ 0.135410			\$ 0.464590	\$ 0.600000	23%	0%	0%	77%	100%
BDJ*	\$ 0.087717			\$ 0.192283	\$ 0.280000	31%	0%	0%	69%	100%
BOE*	\$ 0.026701			\$ 0.596599	\$ 0.623300	4%	0%	0%	96%	100%
BME	\$ 0.099271	\$ 0.896788	\$ 0.622691		\$ 1.618750	4%	55%	38%	0%	100%
BGY*	\$ 0.018147			\$ 0.317553	\$ 0.335700	5%	0%	0%	95%	100%
BCF*	\$ 0.031402			\$ 0.411598	\$ 0.443000	7%	0%	0%	93%	100%
BCX*	\$ 0.075286			\$ 0.504714	\$ 0.580000	13%	0%	0%	87%	100%
BQY*	\$ 0.091573	\$ 0.091905	\$ 0.192085	\$ 0.104437	\$ 0.480000	19%	19%	40%	5%	100%
BUI*	\$ 0.197837	\$ 0.022575	\$ 0.028701	\$ 0.475887	\$ 0.725000	27%	3%	4%	66%	100%

* Certain Trusts estimate they have distributed more than the amount of earned income and net realized gains; therefore, a portion of the distribution may be a return of capital. A return of capital may occur, for example, when some or all of the shareholder s investment in a Trust is returned to the shareholder. A return of capital does not necessarily reflect a Trust s investment performance and should not be confused with yield or income. Section 19(a) notices for each Trust, as applicable, are available on the BlackRock website <http://www.blackrock.com>.

Section 19(b) Disclosure

The Trusts, acting pursuant to a Securities and Exchange Commission (SEC) exemptive order and with the approval of each Trust s Board of Trustees/Directors (the Board), each have adopted a plan, consistent with its investment objectives and policies to support a level distribution of income, capital gains and/or return of capital (the Plan). In accordance with the Plans, the Trusts currently distribute the following fixed amounts per share on a quarterly basis:

Exchange Symbol	Amount Per Common Share
BQR	\$0.179250
BGR	\$0.405000
CII	\$0.300000
BDJ	\$0.140000
BOE	\$0.311650
BME	\$0.384375
BGY	\$0.167850
BCF	\$0.221500

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

BCX	\$0.290000
BQY	\$0.230000
BUI	\$0.362500

The fixed amounts distributed per share are subject to change at the discretion of each Trust's Board. Under its Plan, each Trust will distribute all available investment income to its shareholders, consistent with its primary investment objectives and as required by the Internal Revenue Code of 1986, as amended (the Code). If sufficient investment income is not available on a quarterly basis, the Trusts will distribute long-term capital gains and/or return of capital to shareholders in order to maintain a level distribution. Each quarterly distribution to shareholders is expected to be at the fixed amount established by the Board, except for extraordinary distributions and potential distribution rate increases or decreases to enable the Trusts to comply with the distribution requirements imposed by the Code.

Shareholders should not draw any conclusions about each Trust's investment performance from the amount of these distributions or from the terms of the Plan. Each Trust's total return performance on net asset value is presented in its financial highlights table.

The Board may amend, suspend or terminate a Trust's Plan without prior notice if it deems such actions to be in the best interests of the Trust or its shareholders. The suspension or termination of the Plan could have the effect of creating a trading discount (if the Trust's stock is trading at or above net asset value) or widening an existing trading discount. The Trusts are subject to risks that could have an adverse impact on their ability to maintain level distributions. Examples of potential risks include, but are not limited to, economic downturns impacting the markets, decreased market volatility, companies suspending or decreasing corporate dividend distributions and changes in the Code. Please refer to each Trust's prospectus for a more complete description of its risks.

Table of Contents

Table of Contents

	Page
<u>Section 19(a) Notices</u>	2
<u>Section 19(b) Disclosure</u>	2
<u>Dear Shareholder</u>	4
Semi-Annual Report:	
<u>The Benefits and Risks of Option Over-Writing</u>	5
<u>Derivative Financial Instruments</u>	5
<u>Trust Summaries</u>	6
Financial Statements:	
<u>Schedules of Investments</u>	28
<u>Statements of Assets and Liabilities</u>	95
<u>Statements of Operations</u>	97
<u>Statements of Changes in Net Assets</u>	99
<u>Statements of Cash Flows</u>	105
<u>Financial Highlights</u>	108
<u>Notes to Financial Statements</u>	119
<u>Officers and Trustees</u>	131
<u>Additional Information</u>	132

SEMI-ANNUAL REPORT

APRIL 30, 2013

3

Table of Contents

Dear Shareholder

About this time one year ago, financial market activity was dominated by concerns about Europe's debt crisis. Investors were also discouraged by gloomy economic reports from various parts of the world, particularly in China. As the outlook for the global economy worsened, however, investors grew increasingly optimistic that the world's largest central banks would intervene to stimulate growth. This theme, along with the European Central Bank's (ECB's) firm commitment to preserve the euro currency bloc, drove most asset classes higher through the summer of 2012. In early September, the ECB announced its sovereign bond-buying program designed to support the region's debt-laden countries. Days later, the US Federal Reserve announced its own much-anticipated stimulus package.

Although financial markets world-wide were buoyed by these aggressive policy actions, risk assets weakened in the fall of 2012. Global trade slowed as many European countries fell into recession and growth continued to decelerate in China. In the United States, stocks slid on lackluster corporate earnings and volatility rose in advance of the US Presidential election. In the post-election environment, investors became more concerned about the fiscal cliff, the automatic tax increases and spending cuts that had been scheduled to take effect at the beginning of 2013. High levels of global market volatility persisted through year-end due to fears that bipartisan gridlock would preclude a timely resolution, putting the US economy at high risk for recession. Ultimately, the worst of the fiscal cliff was averted with a last-minute tax deal, although decisions relating to spending cuts and the debt ceiling were postponed, leaving lingering uncertainty.

Investors shook off the nerve-racking finale to 2012 and the New Year began with a powerful relief rally. Money that had been pulled to the sidelines amid year-end tax-rate uncertainty poured back into the markets in January. Key indicators signaling modest but broad-based improvements in the world's major economies underpinned the rally. Underlying this aura of comfort was the absence of negative headlines out of Europe. Against this backdrop, global equities surged through January while rising US Treasury yields pressured high quality fixed income assets (as prices move in the opposite direction of yields).

However, bond markets regained strength in February (as yields once again dropped) when global economic momentum slowed and investors toned down their risk appetite. International stock markets weakened amid a resurgence of macro risk out of Europe. A stalemate presidential election in Italy was a reminder that political instability continued to plague the eurozone and a severe banking crisis in Cyprus underscored the fragility of the broader European banking system. In the United States, stocks continued to rise, but at a more moderate pace. Investors grew more cautious given uncertainty as to how long the central bank would continue its stimulus programs. How government spending cuts would impact the already slow economic recovery was another concern. But improving labor market data and rising home prices boosted sentiment in March, pushing major US stock indices to all-time highs. Investors scaled back their enthusiasm in April due to a series of disappointing economic reports. On the whole, US stocks have performed well thus far in 2013 as the US economy demonstrated enough resilience to allay fears of recession, but growth has remained slow enough to dissuade the US Federal Reserve from changing its stance.

Despite continued headwinds for global growth, risk assets have rallied, driven largely by investors seeking meaningful yields in the ongoing low-interest-rate environment. For the 6- and 12-month periods ended April 30, 2013, US and international stocks and high yield bonds posted strong gains. Emerging market equities lagged the rally as the uneven pace of global growth raised doubts that developing economies could thrive in the near term. US Treasury yields were highly volatile over the past 12 months, although they continue to remain low from a historical perspective. US Treasury and investment-grade bonds generated modest returns in this environment, while tax-exempt municipal bonds benefited from favorable supply-and-demand dynamics. Near-zero short term interest rates continued to keep yields on money market securities near their all-time lows.

Market conditions have improved over the past couple of years, but investors still remain highly uncertain and many of the old ways of investing no longer work. That's why the new world of investing calls for a new approach. One that seeks out more opportunities in more places across a broader array of investments in a portfolio designed to move freely as the markets move up and down. Visit www.blackrockplan.com to learn more about how to take action.

Sincerely,

Rob Kapito

President, BlackRock Advisors, LLC

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

Despite continued headwinds for global growth, risk assets have rallied, driven largely by investors seeking meaningful yields in the ongoing low-interest-rate environment.

Rob Kapito

President, BlackRock Advisors, LLC

Total Returns as of April 30, 2013

	6-month	12-month
US large cap equities (S&P 500® Index)	14.42%	16.89%
US small cap equities (Russell 2000® Index)	16.58	17.69
International equities (MSCI Europe, Australasia, Far East Index)	16.90	19.39
Emerging market equities (MSCI Emerging Markets Index)	5.29	3.97
3-month Treasury bill (BofA Merrill Lynch 3-Month Treasury Bill Index)	0.06	0.12
US Treasury securities (BofA Merrill Lynch 10- Year US Treasury Index)	1.52	5.07
US investment grade bonds (Barclays US Aggregate Bond Index)	0.90	3.68
Tax-exempt municipal bonds (S&P Municipal Bond Index)	2.01	5.74
US high yield bonds (Barclays US Corporate High Yield 2% Issuer Capped Index)	7.26	13.95

Past performance is no guarantee of future results. Index performance is shown for illustrative purposes only. You cannot invest directly in an index.

Table of Contents

The Benefits and Risks of Option Over-Writing

In general, the goal of each of the Trusts is to provide total return through a combination of current income and realized and unrealized gains (capital appreciation). The Trusts seek to pursue this goal primarily by investing in a portfolio of equity securities and utilizing an option over-writing strategy in an effort to enhance distribution yield and total return performance. However, these objectives cannot be achieved in all market conditions.

The Trusts primarily write single stock covered call options, and may also from time to time write single stock put options. When writing (selling) a covered call option, the Trust holds an underlying equity security and enters into an option transaction which allows the counterparty to purchase the equity security at an agreed-upon price (strike price) within an agreed-upon time period. The Trusts receive cash premiums from the counterparties upon writing (selling) the option, which along with net investment income and net realized gains, if any, are generally available to support current or future distributions paid by the Trusts. During the option term, the counterparty will elect to exercise the option if the market value of the equity security rises above the strike price, and the Trust will be obligated to sell the equity security to the counterparty at the strike price, realizing a gain or loss. Premiums received will increase gains or reduce losses realized on the sale of the equity security. If the option remains unexercised upon its expiration, the Trusts will realize gains equal to the premiums received.

Writing covered call options entails certain risks, which include, but are not limited to, the following: an increase in the value of the underlying equity security above the strike price can result in the exercise of a written option (sale by the Trust to the counterparty) when the Trust might not otherwise have sold the security; exercise of the option by the counterparty will result in a sale below the current market value and will result in a gain or loss being realized by the Trust; and writing covered call options limits the potential appreciation that could be realized on the underlying equity security to the extent of the strike price of the option. As such, an option over-writing strategy may outperform the general equity market in flat or falling markets but underperform in rising markets.

Each Trust employs a plan to support a level distribution of income, capital gains and/or return of capital. The goal of the plan is to provide shareholders with consistent and predictable cash flows by setting

distribution rates based on expected long-term returns of the Trusts. Such distributions, under certain circumstances, may exceed a Trust's total return performance. When total distributions exceed total return performance for the period, the difference will reduce the Trust's net asset value per share (NAV). The final determination of the source and character of distributions in accordance with federal income tax regulations is made after the fiscal year and is reported in the Trust's annual report to shareholders. To the extent that dividends and distributions exceed the Trust's current and accumulated earnings and profits, which are measured on a tax basis, the excess may be treated as a tax return of capital. Dividends and distributions in excess of a Trust's taxable income and net capital gains that do not exceed the Trust's current and accumulated earnings and profits, which are measured on a tax basis, may be treated as ordinary income dividends and/or capital gain distributions.

To illustrate these concepts, assume the following: (1) a common stock purchased at and currently trading at \$37.15 per share; (2) a three-month call option is written by a Trust with a strike price of \$40 (i.e., 7.7% higher than the current market price); and (3) the Trust receives \$2.45, or 6.6% of the common stock's value, as a premium. If the stock price remains unchanged, the option will expire and there would be a 6.6% return for the three-month period. If the stock were to decline in price by 6.6% (i.e., decline to \$34.70 per share), the option strategy would break-even from an economic perspective resulting in neither a gain nor a loss. If the stock were to climb to a price of \$40 or above, the option would be exercised and the stock would return 7.7% coupled with the option premium received of 6.6% for a total return of 14.3%. Under this scenario, the Trust loses the benefit of any appreciation of the stock above \$40, and thus is limited to a 14.3% total return. The premium from writing the call option serves to offset some of the unrealized loss on the stock in the event that the price of the stock declines, but if the stock were to decline more than 6.6% under this scenario, the Trust's downside protection is eliminated and the stock could eventually become worthless.

Each Trust intends to write covered call options to varying degrees depending upon market conditions. Please refer to each Trust's Schedule of Investments and the Notes to Financial Statements for details of written options.

Derivative Financial Instruments

The Trusts may invest in various derivative financial instruments, including foreign currency exchange contracts and options, as specified in Note 2 of the Notes to Financial Statements, which may constitute forms of economic leverage. Such derivative financial instruments are used to obtain exposure to a security, index and/or market without owning or taking physical custody of securities or to hedge market, equity, foreign currency exchange rate, commodity and/or other risks. Derivative financial instruments involve risks, including the imperfect correlation between the value of a derivative financial instrument and the underlying asset, possible default of the counterparty to the transaction or illiquidity of the derivative financial instrument. The Trusts' ability to use a

derivative financial instrument successfully depends on the investment advisor's ability to predict pertinent market movements accurately, which cannot be assured. The use of derivative financial instruments may result in losses greater than if they had not been used, may require a Trust to sell or purchase portfolio investments at inopportune times or for distressed values, may limit the amount of appreciation a Trust can realize on an investment, may result in lower dividends paid to shareholders or may cause a Trust to hold an investment that it might otherwise sell. The Trusts' investments in these instruments are discussed in detail in the Notes to Financial Statements.

Table of Contents**Trust Summary** as of April 30, 2013**BlackRock EcoSolutions Investment Trust****Trust Overview**

BlackRock EcoSolutions Investment Trust s (BQR) (the **Trust**) investment objective is to provide total return through a combination of current income, current gains and long-term capital appreciation. The Trust seeks to achieve its investment objective by investing, under normal market conditions, at least 80% of its assets in equity securities issued by companies that are engaged in one or more of New Energy (e.g., products, technologies and services connected to the efficient use of energy or the provision or manufacture of alternative forms of energy), Water Resources and Agriculture business segments. The Trust may invest directly in such securities or synthetically through the use of derivatives. The Trust utilizes an option writing (selling) strategy to enhance dividend yield.

No assurance can be given that the Trust s investment objective will be achieved.

Portfolio Management Commentary**How did the Trust perform?**

For the six-month period ended April 30, 2013, the Trust returned 6.99% based on market price and 8.78% based on net asset value (NAV). For the same period, the closed-end Lipper Sector Equity Funds category posted an average return of 10.23% based on market price and 10.14% based on NAV. All returns reflect reinvestment of dividends. The Trust s discount to NAV, which widened during the period, accounts for the difference between performance based on price and performance based on NAV. The following discussion relates to performance based on NAV.

What factors influenced performance?

The largest contribution to the Trust s positive performance for the period came from the water resources segment of the portfolio where the Trust s water utility holdings drove returns. The strongest-performing stock was Manila Water Co., Inc., a full service water utility company that primarily services residents in the East Zone region of Manila, Philippines. The company s robust 2012 earnings were a catalyst for its share price touching all-time highs as it soared over the period. In the agriculture segment of the portfolio, exposure to agriculture equipment and machinery names had a positive impact on results for the period. Also within agriculture, Monsanto Co. was a strong individual contributor to returns as the agricultural science company s earnings continuously beat analysts expectations and its management raised the earnings forecast given strong pricing power and high sales volume. Gains from the Trust s option writing strategy had a positive impact on results for the period.

Conversely, the Trust s position in fertilizer stock Agrium, Inc. detracted from performance due to a reduced output of potash (a fertilizer product) at the company s Canadian mines and concerns that the late-season planting in the United States would impact retail demand for agricultural input products. The Trust s holding in Pennon Group Plc also had a negative impact on returns as shares of the British water utility and waste management company weakened following a profit warning early in the period. In addition, the Trust held an elevated cash balance as a means of defensive positioning given near-term uncertainty about the market outlook. The Trust s cash position had a modestly negative impact on performance as equities generally advanced.

Describe recent portfolio activity.

During the six-month period, the Trust initiated a position in TransCanada Corp., a North American infrastructure company that operates mainly in the oil and natural gas pipelines business. Also in the new energy sleeve, the Trust sold its holding in Spanish utilities group Iberdrola SA.

Describe portfolio positioning at period end.

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

At the end of period, the Trust continued to hold large allocations to both the agriculture and water resources segments and less emphasis on new energy, which is reflective of the relative outlooks and valuations for each of these segments.

The views expressed reflect the opinions of BlackRock as of the date of this report and are subject to change based on changes in market, economic or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

Table of Contents**BlackRock EcoSolutions Investment Trust****Trust Information**

Symbol on New York Stock Exchange (NYSE)	BQR
Initial Offering Date	September 28, 2007
Current Distribution Rate on Closing Market Price as of April 30, 2013 (\$8.90) ¹	8.06%
Current Quarterly Distribution per Common Share ²	\$0.17925
Current Annualized Distribution per Common Share ²	\$0.71700

¹ Current distribution rate on closing market price is calculated by dividing the current annualized distribution per share by the closing market price. The current distribution rate consists of income, net realized gains and/or a tax return of capital. See the Section 19(a) Notices on page 2 for the estimated sources and character of distributions. Past performance does not guarantee future results.

² The distribution rate is not constant and is subject to change. A portion of the distribution may be deemed a tax return of capital or net realized gain.

The table below summarizes the changes in the Trust's market price and NAV per share:

	4/30/13	10/31/12	Change	High	Low
Market Price	\$ 8.90	\$ 8.66	2.77%	\$ 9.48	\$ 7.59
Net Asset Value	\$ 9.55	\$ 9.14	4.49%	\$ 9.78	\$ 8.87

The following charts show the ten largest holdings and industry allocation of the Trust's long-term investments:

Ten Largest Holdings	4/30/13	
Manila Water Co., Inc.	5%	
Monsanto Co.	4	
Syngenta AG	3	
Severn Trent Plc	3	
Inversiones Aguas Metropolitanas SA	3	
Aqua America, Inc.	3	
Sao Martinho SA	3	
Agrium, Inc.	2	
Potash Corp of Saskatchewan, Inc.	2	
BrasilAgro - Co Brasileira de Propriedades Agricolas	2	
Industry Allocation	4/30/13	10/31/12
Water Utilities	29%	25%
Chemicals	22	22
Food Products	12	14
Machinery	11	12
Electric Utilities	4	4
Oil, Gas & Consumable Fuels	4	2
Real Estate Investment Trusts (REITs)	3	3
Electrical Equipment	3	3
Commercial Services & Supplies	3	3
Multi-Utilities	2	3
Electronic Equipment, Instruments & Components	2	2
Construction & Engineering	2	3
Other ³	3	4

³ Other includes a 1% holding or less in each of the following industries; for 4/30/13, Auto Components, Building Products, Independent Power Producers & Energy Traders, Industrial Conglomerates, Paper & Forest Products, Real Estate Management & Development, Road & Rail and Semiconductors & Semiconductor Equipment, and for 10/31/12, Auto Components, Building Products, Independent Power Producers & Energy Traders, Metals & Mining, Paper & Forest Products, Road & Rail and Semiconductors & Semiconductor Equipment.

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

For Trust compliance purposes, the Trust's industry classifications refer to any one or more of the industry sub-classifications used by one or more widely recognized market indexes or ratings group indexes, and/or as defined by Trust management. These definitions may not apply for purposes of this report, which may combine such industry sub-classifications for reporting ease.

SEMI-ANNUAL REPORT

APRIL 30, 2013

7

Table of Contents

Trust Summary as of April 30, 2013

BlackRock Energy and Resources Trust

Trust Overview

BlackRock Energy and Resources Trust s (BGR) (the Trust) investment objective is to provide total return through a combination of current income, current gains and long-term capital appreciation. The Trust seeks to achieve its investment objective by investing, under normal market conditions, at least 80% of its total assets in equity securities of energy and natural resources companies and equity derivatives with exposure to the energy and natural resources industry. The Trust may invest directly in such securities or synthetically through the use of derivatives. The Trust utilizes an option writing (selling) strategy to enhance dividend yield.

No assurance can be given that the Trust s investment objective will be achieved.

Portfolio Management Commentary

How did the Trust perform?

For the six-month period ended April 30, 2013, the Trust returned 9.06% based on market price and 11.56% based on NAV. For the same period, the closed-end Lipper Sector Equity Funds category posted an average return of 10.23% based on market price and 10.14% based on NAV. All returns reflect reinvestment of dividends. The Trust s discount to NAV, which widened during the period, accounts for the difference between performance based on price and performance based on NAV. The following discussion relates to performance based on NAV.

What factors influenced performance?

The Trust s positive performance was driven largely by its exposure to on-shore oil producers in the United States, including Anadarko Petroleum Corp. and Noble Energy, Inc., which benefited from rising crude oil prices during the period. The Trust s holdings in the oil refining and marketing segment also had a positive impact on returns as companies such as Valero Energy Corp. and Delek Logistics Partners LP benefited from improved operating margins. Gains from the Trust s option writing strategy had a positive impact on results for the period.

Exposure to gold and silver producers detracted from the Trust s performance during the period. With gold and silver prices declining roughly 15% and 24%, respectively, in an upward-moving equity market, precious metals producers declined dramatically. In particular, the Trust s key holdings in Silver Wheaton Corp. and Goldcorp, Inc. each fell more than 20% during the period. Elsewhere, the Trust s overall return was hindered by weakness in select holdings such as Prospect Global Resources, Inc. a company with a potash (fertilizer product) development project in Arizona.

Describe recent portfolio activity.

During the six-month period, the Trust reduced exposure to companies involved in the production of non-energy related products. The overall number of holdings in the Trust decreased during the period.

Describe portfolio positioning at period end.

At the end of period, the Trust held a large exposure to energy exploration and production companies, with smaller allocations to oil services, energy distribution and oil refining and marketing companies. The Trust continued to maintain a limited exposure to metals & mining stock.

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

The views expressed reflect the opinions of BlackRock as of the date of this report and are subject to change based on changes in market, economic or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

8

SEMI-ANNUAL REPORT

APRIL 30, 2013

Table of Contents**BlackRock Energy and Resources Trust****Trust Information**

Symbol on NYSE	BGR
Initial Offering Date	December 29, 2004
Current Distribution Rate on Closing Market Price as of April 30, 2013 (\$25.64) ¹	6.32%
Current Quarterly Distribution per Common Share ²	\$0.405
Current Annualized Distribution per Common Share ²	\$1.620

¹ Current distribution rate on closing market price is calculated by dividing the current annualized distribution per share by the closing market price. The current distribution rate consists of income, net realized gains and/or a tax return of capital. See the Section 19(a) Notices on page 2 for the estimated sources and character of distributions. Past performance does not guarantee future results.

² The distribution rate is not constant and is subject to change. A portion of the distribution may be deemed a tax return of capital or net realized gain. The table below summarizes the changes in the Trust's market price and NAV per share:

	4/30/13	10/31/12	Change	High	Low
Market Price	\$ 25.64	\$ 24.28	5.60%	\$ 26.30	\$ 21.78
Net Asset Value	\$ 28.03	\$ 25.95	8.02%	\$ 28.53	\$ 24.64

The following charts show the ten largest holdings and industry allocation of the Trust's long-term investments:

Ten Largest Holdings	4/30/13	
Chevron Corp.	8%	
Gulfport Energy Corp.	7	
Anadarko Petroleum Corp.	6	
Noble Energy, Inc.	5	
Schlumberger Ltd.	5	
Range Resources Corp.	5	
Valero Energy Corp.	5	
Pioneer Natural Resources Co.	4	
Keyera Corp.	3	
Cameron International Corp.	3	
Industry Allocation	4/30/13	10/31/12
Oil, Gas & Consumable Fuels	80%	78%
Energy Equipment & Services	18	16
Metals & Mining	2	6

For Trust compliance purposes, the Trust's industry classifications refer to any one or more of the industry sub-classifications used by one or more widely recognized market indexes or ratings group indexes, and/or as defined by Trust management. These definitions may not apply for purposes of this report, which may combine such industry sub-classifications for reporting ease.

Table of Contents

Trust Summary as of April 30, 2013

BlackRock Enhanced Capital and Income Fund, Inc.

Trust Overview

BlackRock Enhanced Capital and Income Fund, Inc. s (CII) (the Trust) investment objective is to provide investors with a combination of current income and capital appreciation. The Trust seeks to achieve its investment objective by investing in a portfolio of equity and debt securities of US and foreign issuers. The Trust may invest directly in such securities or synthetically through the use of derivatives. The Trust utilizes an option writing (selling) strategy to enhance dividend yield.

No assurance can be given that the Trust s investment objectives will be achieved.

Portfolio Management Commentary

How did the Trust perform?

For the six-month period ended April 30, 2013, the Trust returned 5.52% based on market price and 7.61% based on NAV. For the same period, the benchmark S&P 500® Value Index returned 16.63%. All returns reflect reinvestment of dividends. The Trust s discount to NAV, which widened during the period, accounts for the difference between performance based on price and performance based on NAV. The following discussion relates to performance based on NAV.

What factors influenced performance?

Relative to the S&P 500® Value Index, stock selection across several sectors detracted from performance during the period. The Trust s positioning within financials was the leading source of underperformance. While the Trust held exposure to strong-performing money center banks such as Citigroup, Inc. and JPMorgan Chase & Co., the returns realized on these holdings were lower than that reflected in the benchmark index as a result of the Trust s call-writing strategy. As money center banks rallied, the Trust s positions in these stocks were called away, leading to an underweight posture within the group and hence the Trust s underperformance. Similarly, the Trust s performance in the insurance industry lagged the benchmark index due to changes in exposure to the group resulting from stock selection during the period.

Stock selection within the information technology (IT) sector also detracted from relative returns. The Trust purchased Apple, Inc. during the period, which proved particularly costly as the stock then declined over 20% by period end due to concerns about prospects for the company s future growth. Within energy, exposure to oil-levered holdings in the integrated oil & gas segment, such as Suncor Energy, Inc., Chevron Corp. and Exxon Mobil Corp., had a negative impact on results as global oil prices posted modest declines during the period. Concurrently, gas-oriented producers rallied on a modest recovery in natural gas prices while the Trust was underweight in this space. In materials, shares of fertilizer producer CF Industries Holdings, Inc. fell sharply as global fertilizer prices dipped on concerns about the sustainability of global economic growth. Overall, gains from the Trust s option writing strategy had a positive impact on results for the period.

Conversely, the Trust benefited from its overweight to the IT sector, which performed well relative to the broader equity market during the period. An underweight to industrials also proved beneficial for relative returns.

Describe recent portfolio activity.

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

During the six-month period, the Trust lowered its exposure to defensive-oriented areas such as consumer staples, utilities and telecommunication services (telecom), while increasing exposure to the more cyclical sectors, including IT and energy. Additionally, the strategy cut its exposure to financials during the period. Sector weightings in the Trust are generally a result of individual stock selection. Within that context, the Trust initiated high-conviction positions during the period including American International Group, Inc. (financials), Google, Inc. (IT), Japan Airlines Co. Ltd. (industrials), Vodafone Group Plc (telecom) and HollyFrontier Corp. (energy), while eliminating holdings in Wells Fargo & Co. (financials), Intel Corp. (IT), Honeywell International, Inc. (industrials), Verizon Communications, Inc. (telecom) and Noble Energy, Inc. (energy).

Describe portfolio positioning at period end.

Relative to the S&P 500[®] Value Index, the Trust ended the period underweight within the defensive consumer staples and utilities sectors, and was also underweight in financials and consumer discretionary. The Trust maintained overweights in energy and materials. Across the sectors, the Trust continues to emphasize Management's highest-conviction investment ideas on a stock-by-stock basis.

The views expressed reflect the opinions of BlackRock as of the date of this report and are subject to change based on changes in market, economic or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

Table of Contents**BlackRock Enhanced Capital and Income Fund, Inc.****Trust Information**

Symbol on NYSE	CII
Initial Offering Date	April 30, 2004
Current Distribution Rate on Closing Market Price as of April 30, 2013 (\$13.09) ¹	9.17%
Current Quarterly Distribution per Common Share ²	\$0.30
Current Annualized Distribution per Common Share ²	\$1.20

¹ Current distribution rate on closing market price is calculated by dividing the current annualized distribution per share by the closing market price. The current distribution rate consists of income, net realized gains and/or a tax return of capital. See the Section 19(a) Notices on page 2 for the estimated sources and character of distributions. Past performance does not guarantee future results.

² The distribution rate is not constant and is subject to change. A portion of the distribution may be deemed a tax return of capital or net realized gain.

The table below summarizes the changes in the Trust's market price and NAV per share:

	4/30/13	10/31/12	Change	High	Low
Market Price	\$ 13.09	\$ 12.99	0.77%	\$ 13.29	\$ 11.80
Net Asset Value	\$ 14.50	\$ 14.11	2.76%	\$ 14.54	\$ 13.62

The following charts show the ten largest holdings and sector allocation of the Trust's long-term investments:

Ten Largest Holdings

	4/30/13
American International Group, Inc.	6%
Japan Airlines Co. Ltd.	6
Google, Inc., Class A	5
Vodafone Group Plc ADR	5
CF Industries Holdings, Inc.	4
Suncor Energy, Inc.	4
Merck & Co., Inc.	4
Pfizer, Inc.	3
HollyFrontier Corp.	3
Apple, Inc.	3

Sector Allocation

	4/30/13	10/31/12
Energy	19%	11%
Information Technology	18	12
Financials	16	22
Health Care	13	12
Consumer Discretionary	8	8
Industrials	7	10
Telecommunication Services	7	8
Consumer Staples	5	8
Materials	5	4
Utilities	2	5

For Trust compliance purposes, the Trust's sector classifications refer to any one or more of the sector sub-classifications used by one or more widely recognized market indexes or ratings group indexes, and/or as defined by Trust management. These definitions may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

Table of Contents

Trust Summary as of April 30, 2013

BlackRock Enhanced Equity Dividend Trust

Trust Overview

BlackRock Enhanced Equity Dividend Trust s (BDJ) (the Trust) primary investment objective is to provide current income and current gains, with a secondary investment objective of long-term capital appreciation. The Trust seeks to achieve its investment objectives by investing in common stocks that pay dividends and have the potential for capital appreciation and by utilizing an option writing (selling) strategy to enhance distributions paid to the Trust s shareholders. The Trust invests, under normal market conditions, at least 80% of its total assets in dividend paying equities. The Trust may invest directly in such securities or synthetically through the use of derivatives.

No assurance can be given that the Trust s investment objectives will be achieved.

Portfolio Management Commentary

How did the Trust perform?

For the six-month period ended April 30, 2013, the Trust returned 9.33% based on market price and 8.61% based on NAV. For the same period, the Russell 1000® Value Index returned 16.31%. All returns reflect reinvestment of dividends. The Trust s discount to NAV, which narrowed during the period, accounts for the difference between performance based on price and performance based on NAV. The following discussion relates to performance based on NAV.

What factors influenced performance?

The largest detractor from relative performance during the period was a combination of stock selection and an underweight position in the financials sector, followed by an underweight and stock selection in information technology (IT). Individual stock selection in consumer discretionary and consumer staples hampered returns, as did an overweight in utilities. Stock selection in industrials also weighed on performance.

Contributing positively to performance was a combination of stock selection and an underweight in energy. The Trust s energy position favored integrated oil & gas companies, which were strong performers during the period. Overweight positions in consumer staples and consumer discretionary also added meaningfully to returns, as did stock selection in utilities and materials. Gains from the Trust s option writing strategy had a positive impact on results for the period.

Describe recent portfolio activity.

During the six-month period, there were no large-scale changes to overall allocations. However, we continued to position the Trust opportunistically in the current environment. The largest active change was an addition to the financials sector, specifically to the regional banking industry where there were opportunities to own companies that were well-capitalized, exhibit above-peer earnings growth, strong dividend growth and were trading at discounted valuations. The Trust also reduced traditionally defensive holdings in utilities and telecommunication services and used the proceeds to buy companies in the same sectors whose management teams have been more articulate about growth and future expansion plans in the near term. The Trust sold holdings in industrials that may likely be impacted by slowing demand, weaker productivity and fewer growth projects within the mining space.

Describe portfolio positioning at period end.

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

As of the end of the period, the Trust was positioned to perform well in a wide range of economic scenarios. This has been done by emphasizing companies that carry a diverse group of assets, have extensive customer bases among both retail and institutional clients and those which are less sensitive to broad changes in macroeconomic variables. By taking less factor-specific risk, the Trust is better protected than the market, but able to capture upside as equity markets and the broader economy gain momentum. By owning companies that can participate in all parts of a cycle, not just early or late-cycle names, the Trust is more prepared for less-certain times. As always, the Trust continued to search for brand leadership and industry dominance in its investments.

The views expressed reflect the opinions of BlackRock as of the date of this report and are subject to change based on changes in market, economic or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

Table of Contents**BlackRock Enhanced Equity Dividend Trust****Trust Information**

Symbol on NYSE	BDJ
Initial Offering Date	August 31, 2005
Current Distribution Rate on Closing Market Price as of April 30, 2013 (\$7.81) ¹	7.17%
Current Quarterly Distribution per Common Share ²	\$0.14
Current Annualized Distribution per Common Share ²	\$0.56

¹ Current distribution rate on closing market price is calculated by dividing the current annualized distribution per share by the closing market price. The current distribution rate consists of income, net realized gains and/or a tax return of capital. See the Section 19(a) Notices on page 2 for the estimated sources and character of distributions. Past performance does not guarantee future results.

² The distribution rate is not constant and is subject to change. A portion of the distribution may be deemed a tax return of capital or net realized gain. The table below summarizes the changes in the Trust's market price and NAV per share:

	4/30/13	10/31/12	Change	High	Low
Market Price	\$ 7.81	\$ 7.41	5.40%	\$ 7.91	\$ 6.87
Net Asset Value	\$ 8.69	\$ 8.30	4.70%	\$ 8.69	\$ 8.03

The following charts show the ten largest holdings and sector allocation of the Trust's long-term investments:

Ten Largest Holdings

	4/30/13
Chevron Corp.	3%
JPMorgan Chase & Co.	3
Wells Fargo & Co.	3
The Home Depot, Inc.	2
General Electric Co.	2
Comcast Corp., Special Class A	2
Pfizer, Inc.	2
Verizon Communications, Inc.	2
Exxon Mobil Corp.	2
Philip Morris International, Inc.	2

Sector Allocation

	4/30/13	10/31/12
Financials	19%	18%
Industrials	14	15
Energy	14	12
Consumer Staples	13	13
Consumer Discretionary	10	11
Health Care	8	7
Utilities	7	10
Materials	6	5
Information Technology	5	3
Telecommunication Services	4	6

For Trust compliance purposes, the Trust's sector classifications refer to any one or more of the sector sub-classifications used by one or more widely recognized market indexes or ratings group indexes, and/or as defined by Trust management. These definitions may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

Table of Contents

Trust Summary as of April 30, 2013

BlackRock Global Opportunities Equity Trust

Trust Overview

BlackRock Global Opportunities Equity Trust s (BOE) (the Trust) primary investment objective is to provide current income and current gains, with a secondary investment objective of long-term capital appreciation. The Trust seeks to achieve its investment objectives by investing primarily in equity securities issued by companies located in countries throughout the world and utilizing an option writing (selling) strategy to enhance current gains. The Trust invests, under normal market conditions, at least 80% of its assets in equity securities or options on equity securities or indices or sectors of equity securities. Under normal circumstances, the Trust invests a substantial amount of its total assets in foreign issuers, issuers that primarily trade in a market located outside the United States or issuers that do a substantial amount of business outside the United States. The Trust may invest directly in such securities or synthetically through the use of derivatives.

No assurance can be given that the Trust s investment objectives will be achieved.

Portfolio Management Commentary

How did the Trust perform?

For the six-month period ended April 30, 2013, the Trust returned 11.72% based on market price and 10.84% based on NAV. For the same period, the MSCI All Country World Index posted a return of 13.46%. All returns reflect reinvestment of dividends. The Trust s discount to NAV, which narrowed during the period, accounts for the difference between performance based on price and performance based on NAV. The following discussion relates to performance based on NAV.

What factors influenced performance?

The Trust s positioning within energy, which was among the weaker performing sectors in the benchmark index, detracted from relative results for the period. Exposure to the offshore drilling and energy equipment & services segments had a negative impact on results amid declining oil prices. While there have been several factors at play, a stronger US dollar and more moderate economic data out of China are commonly cited for the recent weakness in oil prices. On a regional basis, stock selection in developed Europe detracted from the Trust s performance. Most notably, while eurozone instability has persisted for an extended period of time, the conditions of the latest bailout package for Cyprus added to pressures on the Trust s euro-centric positions.

Conversely, stock selection in industrials was the largest contributor to performance. Several capital goods holdings such as United Rentals, Inc., Eaton Corp. and Hino Motors Ltd. delivered stand-out performance, as did German airliner Deutsche Lufthansa AG and US car rental operator Hertz Global Holdings, Inc. The cost savings associated with massive industry restructuring and consolidation since the onset of the financial crisis have resulted in better operating and profitability measures for many of these now higher quality businesses. Other factors that drove positive relative performance were the Trust s US commodity chemical holdings in the materials sector and an overweight to asset managers in the financials sector. Gains from the Trust s option writing strategy had a positive impact on results for the period.

Describe recent portfolio activity.

During the six-month period, the Trust reduced its cash position as well as several commodity-linked holdings domiciled in Australia and Mexico. The proceeds were used to increase exposure to Japan and core European countries.

Describe portfolio positioning at period end.

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

At period end, the Trust's holdings reflected a preference for well-capitalized businesses with the ability to consistently grow and generate cash flow in excess of their cost of capital. These companies, more often than not, have re-invested in their businesses, restructured, and are now among the lowest cost producers in their respective industries and hold significant market share. The Trust's regional positioning was consistent with the view that economies around the world continue to recover. The Trust maintained a bias toward globally oriented companies domiciled in the United States and Europe, while reflecting optimism for Japan and general caution with respect to emerging markets.

The views expressed reflect the opinions of BlackRock as of the date of this report and are subject to change based on changes in market, economic or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

Table of Contents

BlackRock Global Opportunities Equity Trust

Trust Information

Symbol on NYSE	BOE
Initial Offering Date	May 31, 2005
Current Distribution Rate on Closing Market Price as of April 30, 2013 (\$14.12) ¹	8.83%
Current Quarterly Distribution per Common Share ²	\$0.31165
Current Annualized Distribution per Common Share ²	\$1.24660

¹ Current distribution rate on closing market price is calculated by dividing the current annualized distribution per share by the closing market price. The current distribution rate consists of income, net realized gains and/or a tax return of capital. See the Section 19(a) Notices on page 2 for the estimated sources and character of distributions. Past performance does not guarantee future results.

² The distribution rate is not constant and is subject to change. A portion of the distribution may be deemed a tax return of capital or net realized gain. The table below summarizes the changes in the Trust's market price and NAV per share:

	4/30/13	10/31/12	Change	High	Low
Market Price	\$ 14.12	\$ 13.24	6.65%	\$ 14.20	\$ 11.92
Net Asset Value	\$ 15.86	\$ 14.99	5.80%	\$ 15.86	\$ 14.27

The following charts show the ten largest holdings and geographic allocation of the Trust's long-term investments:

Ten Largest Holdings

	4/30/13
Roche Holding AG	2%
Google, Inc., Class A	2
Bank of America Corp.	2
Barclays Plc ADR	1
Svenska Cellulosa AB, B Shares	1
AIA Group Ltd.	1
UBS AG	1
Mead Johnson Nutrition Co.	1
Diageo Plc	1
esure Group Plc	1

Geographic Allocation

	4/30/13	10/31/12
United States	47%	47%
United Kingdom	14	12
Japan	9	3
Switzerland	8	2
France.	5	4
Indonesia	3	2
Italy	3	1
Germany	2	5
Sweden	1	3
Hong Kong	1	2
Mexico	1	2
Australia		2
Norway		2
Ireland		2
Other ³	6	11

³ Other includes a 1% holding or less in each of the following countries; for 4/30/13, India, Belgium, Taiwan, Cayman Islands, Netherlands, Thailand and Argentina, and for 10/31/12, Italy, Taiwan, China, Spain, Singapore, India, Belgium, Cayman Islands, Bermuda, Thailand, Canada, Brazil, South Korea and Argentina.

Table of Contents

Trust Summary as of April 30, 2013

BlackRock Health Sciences Trust

Trust Overview

BlackRock Health Sciences Trust s (BME) (the **Trust**) investment objective is to provide total return through a combination of current income, current gains and long-term capital appreciation. The Trust seeks to achieve its investment objective by investing, under normal market conditions, at least 80% of its assets in equity securities of companies engaged in the health sciences and related industries and equity derivatives with exposure to the health sciences industry. The Trust utilizes an option writing (selling) strategy to enhance dividend yield.

No assurance can be given that the Trust s investment objective will be achieved.

Portfolio Management Commentary

How did the Trust perform?

For the six-month period ended April 30, 2013, the Trust returned 18.47% based on market price and 19.30% based on NAV. For the same period, the Russell 3000[®] Healthcare Index returned 20.37%. All returns reflect reinvestment of dividends. The Trust s discount to NAV, which widened during the period, accounts for the difference between performance based on price and performance based on NAV. The following discussion relates to performance based on NAV.

What factors influenced performance?

Given the strong performance of the Trust and the benchmark index during the period, there were only a few detractors from relative returns. In pharmaceuticals, the Trust s overweight positions in some of the larger benchmark constituents such as Johnson & Johnson and Pfizer, Inc. hindered results, although stock selection in this industry was still a positive contributor to relative performance in the aggregate. Additionally, several holdings in managed health care detracted from performance due to uncertainty regarding the impact of Health Care Reform legislation and reimbursement cuts. The Trust s option writing strategy had a slightly negative impact on results for the period.

Positive relative performance in the Trust came from multiple industries. The largest contributor was a combination of stock selection and an overweight in biotechnology, where several of the Trust s holdings appreciated due to favorable outcomes for their clinical developments, strong financial results or the combination thereof. Similarly, stock selection in pharmaceuticals aided relative performance due to overweight positions in Roche Holding AG and Novartis AG, while the Trust benefited from maintaining an overweight in Merck & Co., Inc., which underperformed the benchmark. Elsewhere, the Trust benefited from its overweight positions in strong performers such as health care equipment company Sirona Dental Systems, Inc. and life sciences tools company Agilent Technologies, Inc., the latter of which the Fund sold after the stock had appreciated to Management s price target at the beginning of 2013.

Additionally, the Trust s avoidance of several health care equipment laggards, Intuitive Surgical, Inc. and Edwards Lifesciences Corp., proved beneficial given their poor stock performance. Lastly, the Trust derived gains from its health care facility holdings, Universal Health Services, Inc. and Capital Senior Living Corp.

Describe recent portfolio activity.

During the six-month period, the Trust s industry exposures changed as a result of investment decisions at the individual stock level. The Trust s exposures to the pharmaceutical, biotechnology industries and health care equipment & supplies increased slightly, while its allocation to health care providers & services slightly decreased.

Describe portfolio positioning at period end.

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

As of period end, the Trust continued to maintain a focus on innovative companies that seek to satisfy an unmet health care need or enhance current products or services. As a result, the Trust's largest industry allocations continued to be pharmaceuticals and biotechnology. The Trust also maintained focused exposure to companies deemed likely to benefit from the implementation of Health Care Reform legislation.

Overall, Trust management remains constructive on the health care sector. Generally speaking, valuations in the health care sector remain reasonable, even after the strong performance of the sector in 2012 and thus far in 2013. Policy uncertainty has diminished as the implementation of Health Care Reform legislation has been slated for 2014. Furthermore, the new legislation is expected to benefit health care companies by creating increased consumer demand. Additionally, innovation has been improving, particularly in the pharmaceutical and biotechnology industries, which enhances the long-term growth outlook for those stocks.

The views expressed reflect the opinions of BlackRock as of the date of this report and are subject to change based on changes in market, economic or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

Table of Contents**BlackRock Health Sciences Trust****Trust Information**

Symbol on NYSE	BME
Initial Offering Date	March 31, 2005
Current Distribution Rate on Closing Market Price as of April 30, 2013 (\$31.22) ¹	4.92%
Current Quarterly Distribution per Common Share ²	\$0.384375
Current Annualized Distribution per Common Share ²	\$1.537500

¹ Current distribution rate on closing market price is calculated by dividing the current annualized distribution per share by the closing market price. The current distribution rate consists of income, net realized gains and/or a tax return of capital. See the Section 19(a) Notices on page 2 for the estimated sources and character of distributions. Past performance does not guarantee future results.

² The distribution rate is not constant and is subject to change. A portion of the distribution may be deemed a tax return of capital or net realized gain. The table below summarizes the changes in the Trust's market price and NAV per share:

	4/30/13	10/31/12	Change	High	Low
Market Price	\$ 31.22	\$ 27.86	12.06%	\$ 32.38	\$ 26.41
Net Asset Value	\$ 31.98	\$ 28.34	12.84%	\$ 32.22	\$ 27.59

The following charts show the ten largest holdings and industry allocation of the Trust's long-term investments:

Ten Largest Holdings

	4/30/13
Roche Holding AG	5%
Pfizer, Inc.	4
Gilead Sciences, Inc.	4
Novartis AG	4
Amgen, Inc.	4
Celgene Corp.	4
Bristol-Myers Squibb Co.	3
Eli Lilly & Co.	3
Sanofi	3
Johnson & Johnson	3

Industry Allocation

	4/30/13	10/31/12
Pharmaceuticals	39%	36%
Biotechnology	28	22
Health Care Equipment & Supplies	14	13
Health Care Providers & Services	11	20
Life Sciences Tools & Services	4	6
Food & Staples Retailing	2	1
Other ³	2	2

³ Other includes a 1% holding or less in each of the following industries; for 4/30/13, Health Care Technology, Diversified Consumer Services, and Industrial Conglomerates, and for 10/31/12, Industrial Conglomerates, Diversified Consumer Services, Health Care, Technology and Chemicals.

For Trust compliance purposes, the Trust's industry classifications refer to any one or more of the industry sub-classifications used by one or more widely recognized market indexes or ratings group indexes, and/or as defined by Trust management. These definitions may not apply for purposes of this report, which may combine such industry sub-classifications for reporting ease.

Table of Contents

Trust Summary as of April 30, 2013

BlackRock International Growth and Income Trust

Trust Overview

BlackRock International Growth and Income Trust s (BGY) (the Trust) primary investment objective is to provide current income and current gains, with a secondary objective of long-term capital appreciation. The Trust seeks to achieve its investment objectives by investing primarily in equity securities issued by companies of any market capitalization located in countries throughout the world and utilizing an option writing (selling) strategy to enhance current gains. The Trust invests, under normal market conditions, at least 80% of its assets in equity securities issued by non-U.S. companies of any market capitalization located in countries throughout the world. The Trust may invest directly in such securities or synthetically through the use of derivatives.

No assurance can be given that the Trust s investment objectives will be achieved.

Portfolio Management Commentary

How did the Trust perform?

For the six-month period ended April 30, 2013, the Trust returned 9.25% based on market price and 9.50% based on NAV. For the same period, the MSCI All Country World Index ex-US returned 12.78%. All returns reflect reinvestment of dividends. The Trust s discount to NAV, which widened during the period, accounts for the difference between performance based on price and performance based on NAV. The following discussion relates to performance based on NAV.

What factors influenced performance?

The largest detractor from Trust performance was positioning within the materials sector. Exposures to gold miners and industrial-related metals had a negative impact on results due to price reversals in the underlying commodities after multi-year runs of considerable pricing strength. While there have been several factors at play, a stronger US dollar and more moderate economic data out of China are commonly cited for the recent weakness in commodity prices. Also in materials, the Trust s holdings in the paper products segment lagged the benchmark index during the period. The Trust s option writing strategy had a negative impact on results for the period.

Conversely, stock selection within diversified financials and pharmaceuticals were the largest relative contributors from an industry perspective. These segments performed well as strong cash flow attributes, and larger cash inflows for asset managers, attracted investors seeking income and growth in the low interest rate environment. From a geographic standpoint, stock selection in Japan contributed positively. While the outcome is far from certain, Japan has clearly been taking bold policy actions in an attempt to reinvigorate its domestic economy, leading to a re-pricing of local assets as well as shares of export-oriented companies.

Describe recent portfolio activity.

During the six-month period, the Trust increased its allocation to developed Europe, with the largest additions centered on globally oriented businesses domiciled in Switzerland. The Trust also added to Japanese equities. These purchases were funded primarily from reduced exposures to the Trust s more cyclical holdings in Australia, Canada and the emerging markets.

Describe portfolio positioning at period end.

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

At period end, the Trust's holdings reflected a preference for well-capitalized businesses with the ability to consistently grow and generate cash flow in excess of their cost of capital. These companies, more often than not, have re-invested in their businesses, restructured, and are now among the lowest cost producers in their respective industries and hold significant market share. The Trust's regional positioning was consistent with the view that economies around the world continue to recover. The Trust maintained a bias toward globally oriented companies domiciled in Europe, while reflecting optimism for Japan and general caution with respect to emerging markets.

The views expressed reflect the opinions of BlackRock as of the date of this report and are subject to change based on changes in market, economic or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

Table of Contents

BlackRock International Growth and Income Trust

Trust Information

Symbol on NYSE	BGY
Initial Offering Date	May 30, 2007
Current Distribution Rate on Closing Market Price as of April 30, 2013 (\$7.75) ¹	8.66%
Current Quarterly Distribution per Common Share ²	\$0.16785
Current Annualized Distribution per Common Share ²	\$0.67140

¹ Current distribution rate on closing market price is calculated by dividing the current annualized distribution per share by the closing market price. The current distribution rate consists of income, net realized gains and/or a tax return of capital. See the Section 19(a) Notices on page 2 for the estimated sources and character of distributions. Past performance does not guarantee future results.

² The distribution rate is not constant and is subject to change. A portion of the distribution may be deemed a tax return of capital or net realized gain.

The table below summarizes the changes in the Trust's market price and NAV per share:

	4/30/13	10/31/12	Change	High	Low
Market Price	\$ 7.75	\$ 7.41	4.59%	\$ 7.82	\$ 6.85
Net Asset Value	\$ 8.68	\$ 8.28	4.83%	\$ 8.70	\$ 8.07

The following charts show the ten largest holdings and geographic allocation of the Trust's long-term investments:

Ten Largest Holdings

	4/30/13
Roche Holding AG	5%
Sanofi	3
Novartis AG	2
Barclays Plc ADR	2
Syngenta AG	2
Nestle SA	2
Eni SpA	2
ORIX Corp.	2
Diageo Plc	2
Swiss Re AG	2

Geographic Allocation

	4/30/13	10/31/12
United Kingdom	24%	25%
Switzerland	19	11
Japan	12	6
Germany	7	6
France	6	7
Hong Kong	5	3
Netherlands	4	2
Italy	4	2
Belgium	3	1
Ireland	3	2
Indonesia	2	1
Sweden	2	4
Mexico	1	3
Australia	1	4
Canada		4
Singapore		3
China		2
Spain		2
Brazil		2
Other ³	7	10

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

³ Other includes a 1% holding or less in each of the following countries; for 4/30/13, Finland, Thailand, Taiwan, United States, India, Malaysia, Canada, China, and Cayman Islands and for 10/31/12, South Korea, India, Jersey, Channel Islands, Norway, Finland, Taiwan, South Africa, United States, Israel, Argentina, Thailand, Malaysia, Gibraltar, and Cayman Islands.

SEMI-ANNUAL REPORT

APRIL 30, 2013

19

Table of Contents

Trust Summary as of April 30, 2013

BlackRock Real Asset Equity Trust**Trust Overview**

BlackRock Real Asset Equity Trust s (BCF) (the Trust) investment objective is to provide total return through a combination of current income, current gains and long-term capital appreciation. The Trust seeks to achieve its investment objective by investing, under normal market conditions, at least 80% of its assets in equity securities of energy, natural resources and basic materials companies and equity derivatives with exposure to companies in the energy, natural resources and basic materials industries. The Trust may invest directly in such securities or synthetically through the use of derivatives. The Trust utilizes an option writing (selling) strategy to enhance dividend yield.

No assurance can be given that the Trust s investment objective will be achieved.

Portfolio Management Commentary**How did the Trust perform?**

For the six-month period ended April 30, 2013, the Trust returned (0.72)% based on market price and (3.55)% based on NAV. For the same period, the closed-end Lipper Sector Equity Funds category posted an average return of 10.23% based on market price and 10.14% based on NAV. All returns reflect reinvestment of dividends. The Trust s discount to NAV, which narrowed during the period, accounts for the difference between performance based on price and performance based on NAV. The following discussion relates to performance based on NAV.

What factors influenced performance?

The Trust s investments in the natural resources segment (metals & mining stocks) detracted from performance for the period amid price weakness in precious metals, especially gold. In particular, the Trust s position in Peruvian gold miner Cia de Minas Buenaventura SA hurt returns after the company delivered a disappointing update from its growth development project in southern Peru, the Chucapaca open-pit mine, suggesting that open-pit mining may no longer be an economic method for developing the mine. The company also reported faster-than-expected grade declines (the concentration of metal contained in the ore) in other mines, suggesting the possibility of lower production levels for 2013. Other holdings in this space having a negative impact on the Trust s results included Fresnillo Plc and Industrias Penoles SAB de CV. In addition, the Trust held an elevated cash balance as a means of defensive positioning given near-term uncertainty about the market outlook. The Trust s cash position had a modestly negative impact on performance as equities generally advanced. The Trust s investments in the basic materials segment of the portfolio contributed positively to results, with notable performance from the chemicals, paper & forest products and containers & packaging industries. Notable contributors within chemicals included E.I. du Pont de Nemours & Co., Praxair, Inc. and Monsanto Co. In paper & forest products, International Paper Co. was a stand-out performer with strong fourth-quarter earnings that beat consensus estimates. The company benefited from higher prices for container board while its management effectively reduced fixed costs and improved free cash flow generation. In the energy segment of the portfolio, the Trust s position in refiner Valero Energy Corp. proved beneficial as the stock soared on expectations that the company would have the ability to monetize crude oil price differentials given its available capacity to increase production in the United States. Gains from the Trust s option writing strategy had a positive impact on performance during the period.

Describe recent portfolio activity.

During the six-month period, notable transactions included the addition of Nevsun Resources Ltd. and Silver Wheaton Corp. and the elimination of Cliffs Natural Resources, Inc. and Harry Winston Diamond Corp.

Describe portfolio positioning at period end.

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

At the end of the period, the Trust held its largest exposure in metals & mining stocks, with the remainder broadly divided between the energy sector and basic materials.

The views expressed reflect the opinions of BlackRock as of the date of this report and are subject to change based on changes in market, economic or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

Table of Contents**BlackRock Real Asset Equity Trust****Trust Information**

Symbol on NYSE	BCF
Initial Offering Date	September 29, 2006
Current Distribution Rate on Closing Market Price as of April 30, 2013 (\$9.88) ¹	8.97%
Current Quarterly Distribution per Common Share ²	\$0.2215
Current Annualized Distribution per Common Share ²	\$0.8860

¹ Current distribution rate on closing market price is calculated by dividing the current annualized distribution per share by the closing market price. The current distribution rate consists of income, net realized gains and/or a tax return of capital. See the Section 19(a) Notices on page 2 for the estimated sources and character of distributions. Past performance does not guarantee future results.

² The distribution rate is not constant and is subject to change. A portion of the distribution may be deemed a tax return of capital or net realized gain. The table below summarizes the changes in the Trust's market price and NAV per share:

	4/30/13	10/31/12	Change	High	Low
Market Price	\$ 9.88	\$ 10.39	(4.91)%	\$ 10.85	\$ 9.18
Net Asset Value	\$ 10.19	\$ 11.03	(7.62)%	\$ 11.35	\$ 9.69

The following charts show the ten largest holdings and industry allocation of the Trust's long-term investments:

Ten Largest Holdings

	4/30/13
Rio Tinto Plc	4%
BHP Billiton Plc	4
El du Pont de Nemours & Co.	4
Caterpillar, Inc.	3
Praxair, Inc.	3
International Paper Co.	3
Xstrata Plc	3
Chevron Corp.	3
Industrias Penoles SAB de CV	3
MeadWestvaco Corp.	3

Industry Allocation

	4/30/13	10/31/12
Metals & Mining	38%	43%
Oil, Gas & Consumable Fuels	27	27
Chemicals	15	13
Paper & Forest Products	7	6
Energy Equipment & Services	6	5
Machinery	5	4
Real Estate Investment Trusts (REITs)	2	2

For Trust compliance purposes, the Trust's industry classifications refer to any one or more of the industry sub-classifications used by one or more widely recognized market indexes or ratings group indexes, and/or as defined by Trust management. These definitions may not apply for purposes of this report, which may combine such industry sub-classifications for reporting ease.

Table of Contents

Trust Summary as of April 30, 2013

BlackRock Resources & Commodities Strategy Trust

Trust Overview

BlackRock Resources & Commodities Strategy Trust s (BCX) (the Trust) primary investment objective is to seek high current income and current gains, with a secondary objective of capital appreciation. The Trust will seek to achieve its investment objectives, under normal market conditions, by investing at least 80% of its total assets in equity securities issued by commodity or natural resources companies, derivatives with exposure to commodity or natural resources companies or investments in securities and derivatives linked to the underlying price movement of commodities or natural resources. The Trust utilizes an option writing (selling) strategy to enhance dividend yield.

No assurance can be given that the Trust s investment objectives will be achieved.

Portfolio Management Commentary

How did the Trust perform?

For the six-month period ended April 30, 2013, the Trust returned (6.76)% based on market price and (5.94)% based on NAV. For the same period, the closed-end Lipper Sector Equity Funds category posted an average return of 10.23% based on market price and 10.14% based on NAV. All returns reflect reinvestment of dividends. The Trust s discount to NAV, which widened during the period, accounts for the difference between performance based on price and performance based on NAV. The following discussion relates to performance based on NAV.

What factors influenced performance?

The Trust s exposure to metals & mining stocks detracted from performance as concerns about growth in China and some disappointing company reports (including asset write-downs from a number of major mining companies) weighed on the industry. Gold and precious metals producers were among the weakest performers during the period. Gold producers sold off heavily amid severe volatility in the price of gold, which declined roughly 15% over the period, driven largely by uncertainty around central bank actions, including the longevity of the US Federal Reserve s stimulus program and fears that the bailout terms for Cyprus may entail a gold sale.

The Trust s investments in the energy sector contributed positively to returns as optimism around the US economy (the largest end market for crude oil) helped generate momentum for the sector. Certain gas producers held in the Trust were among the stronger performers due to a significant appreciation in natural gas prices, helped by cooler weather in the United States. Gains from the Trust s option writing strategy also had a positive impact on performance during the period.

Describe recent portfolio activity.

During the six-month period, the Trust increased its allocation to oil, gas & consumable fuels and decreased exposure to metals & mining stocks. In basic materials, the Trust reduced its chemicals exposure, while adding to holdings in machinery and food products.

Describe portfolio positioning at period end.

As of period end, the Trust s largest allocation was to the energy sector, while the remaining exposure was divided broadly between metals & mining and basic materials stocks. This positioning reflects the relative outlooks and valuations for each of these segments.

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

The views expressed reflect the opinions of BlackRock as of the date of this report and are subject to change based on changes in market, economic or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

Table of Contents**BlackRock Resources & Commodities Strategy Trust****Trust Information**

Symbol on NYSE	BCX
Initial Offering Date	March 30, 2011
Current Distribution Rate on Closing Market Price as of April 30, 2013 (\$12.60) ¹	9.21%
Current Quarterly Distribution per Common Share ²	\$0.29
Current Annualized Distribution per Common Share ²	\$1.16

¹ Current distribution rate on closing market price is calculated by dividing the current annualized distribution per share by the closing market price. The current distribution rate consists of income, net realized gains and/or a tax return of capital. See the Section 19(a) Notices on page 2 for the estimated sources and character of distributions. Past performance does not guarantee future results.

² The distribution rate is not constant and is subject to change. A portion of the distribution may be deemed a tax return of capital or net realized gain.

The table below summarizes the changes in the Trust's market price and NAV per share:

	4/30/13	10/31/12	Change	High	Low
Market Price	\$ 12.60	\$ 14.12	(10.76)%	\$ 14.32	\$ 12.04
Net Asset Value	\$ 13.88	\$ 15.42	(9.99)%	\$ 15.54	\$ 13.19

The following charts show the ten largest holdings and industry allocation of the Trusts long-term investments:

Ten Largest Holdings

	4/30/13
Chevron Corp.	7%
Exxon Mobil Corp.	5
Monsanto Co.	4
BHP Billiton Ltd. ADR	4
Syngenta AG.	4
Potash Corp of Saskatchewan, Inc.	3
ConocoPhillips	3
Royal Dutch Shell Plc ADR	3
Xstrata Plc	3
Southwestern Energy Co.	3

Industry Allocation

	4/30/13	10/31/12
Oil, Gas & Consumable Fuels	45%	37%
Metals & Mining	24	33
Chemicals	17	21
Food Products	7	3
Machinery	6	4
Real Estate Investment Trusts (REITS)	1	
Energy Equipment & Services		2

For Trust compliance purposes, the Trust's industry classifications refer to any one or more of the industry sub-classifications used by one or more widely recognized market indexes or ratings group indexes, and/or as defined by Trust management. These definitions may not apply for purposes of this report, which may combine such industry sub-classifications for reporting ease.

Table of Contents

Trust Summary as of April 30, 2013

BlackRock S&P Quality Rankings Global Equity Managed Trust

Trust Overview

BlackRock S&P Quality Rankings Global Equity Managed Trust s (BQY) (the Trust) investment objective is to provide total return through a combination of current income, current gains and long-term capital appreciation. The Trust seeks to achieve its investment objective by investing primarily in equity securities of issuers that pay above-average dividends and have the potential for capital appreciation. The Trust invests, under normal market conditions, at least 80% of its assets in equity securities included in the S&P Quality Rankings that are ranked at least B+ by S&P at the time of investment. Under normal circumstances, the Trust invests a substantial amount of its total assets in foreign issuers, issuers that primarily trade in a market located outside the United States or issuers that do a substantial amount of business outside the United States. The Trust may invest directly in such securities or synthetically through the use of derivatives. The Trust utilizes an option writing (selling) strategy to enhance dividend yield.

The Board approved a change to the Trust s non-fundamental investment policies on June 4, 2013. Please refer to page 132 in the Additional Information section.

No assurance can be given that the Trust s investment objective will be achieved.

Portfolio Management Commentary

How did the Trust perform?

For the six-month period ended April 30, 2013, the Trust returned 10.02% based on market price and 10.06% based on NAV. For the same period, the MSCI World Value Index returned 15.64%. All returns reflect reinvestment of dividends. The Trust s discount to NAV, which narrowed during the period, accounts for the difference between performance based on price and performance based on NAV. The following discussion relates to performance based on NAV.

What factors influenced performance?

Relative to the MSCI World Value Index, the largest detractor from the Trust s performance was the combination of a substantial underweight and stock selection in the financials sector, followed by individual stock selection in information technology (IT). An overweight and stock selection in telecommunication services hampered returns, as did stock selection in consumer staples and utilities. A small overweight in utilities also weighed on performance.

The largest contributor to the Trust s positive performance was a combination of strong stock selection and underweight positions in both materials and energy. A large overweight in consumer staples added to returns, as did marginal overweights in health care and consumer discretionary. Gains from the Trust s option writing strategy had a positive impact on results for the period.

Describe recent portfolio activity.

During the six-month period, there were few meaningful changes to overall portfolio allocations due to the longer-term nature of the Trust s investment horizon and project cycle within the global utility and infrastructure space. The Trust continued to focus on companies that are likely to gain market share and grow revenues in a recovering global economy.

Describe Trust positioning at period end.

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

As of the end of the period, the Trust was positioned to perform well in a wide range of economic scenarios. This has been done by emphasizing companies that carry a diverse group of assets, have extensive customer bases among both retail and institutional clients and those which are less sensitive to broad changes in macroeconomic variables. By taking less factor-specific risk, the Trust is better protected than the market, but able to capture upside as equity markets and the broader economy gain momentum. By owning companies that can participate in all parts of a cycle, not just early or late-cycle names, the Trust is more prepared for less-certain times. As always, the Trust continued to search for brand leadership and industry dominance in its investments.

The views expressed reflect the opinions of BlackRock as of the date of this report and are subject to change based on changes in market, economic or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

Table of Contents**BlackRock S&P Quality Rankings Global Equity Managed Trust****Trust Information**

Symbol on NYSE MKT	BQY
Initial Offering Date	May 28, 2004
Current Distribution Rate on Closing Market Price as of April 30, 2013 (\$13.06) ¹	7.04%
Current Quarterly Distribution per Common Share ²	\$0.23
Current Annualized Distribution per Common Share ²	\$0.92

¹ Current distribution rate on closing market price is calculated by dividing the current annualized distribution per share by the closing market price. The current distribution rate consists of income, net realized gains and/or a tax return of capital. See the Section 19(a) Notices on page 2 for the estimated sources and character of distributions. Past performance does not guarantee future results.

² The distribution rate is not constant and is subject to change. A portion of the distribution may be deemed a tax return of capital or net realized gain. The table below summarizes the changes in the Trust's market price and NAV per share:

	4/30/13	10/31/12	Change	High	Low
Market Price	\$ 13.06	\$ 12.34	5.83%	\$ 13.20	\$ 11.04
Net Asset Value	\$ 14.25	\$ 13.46	5.87%	\$ 14.25	\$ 12.73

The following charts show the ten largest holdings and geographic allocation of the Trust's long-term investments:

Ten Largest Holdings

	4/30/13
Exxon Mobil Corp.	3%
AT&T Inc.	3
Chevron Corp.	2
General Mills, Inc.	2
The Walt Disney Co.	2
Verizon Communications, Inc.	2
Emerson Electric Co.	2
Altria Group, Inc.	2
Bristol-Myers Squibb Co.	2
The Home Depot, Inc.	2

Geographic Allocation

	4/30/13	10/31/12
United States	69%	69%
United Kingdom	7	6
Australia	4	4
France	3	3
Canada	3	4
Sweden	3	3
Germany	3	3
Hong Kong	2	2
Japan	2	2
Other ³	4	4

³ Other includes a 1% holding or less in each of the following countries; for 4/30/13, Singapore, Switzerland, Netherlands, Belgium, Spain and Italy, and for 10/31/12, Singapore, Switzerland, Netherlands, Belgium, Spain and Italy.

Table of Contents

Trust Summary as of April 30, 2013

BlackRock Utility and Infrastructure Trust

Trust Overview

BlackRock Utility and Infrastructure Trust s (BUI) (the Trust) investment objective is to provide total return through a combination of current income, current gains and long-term capital appreciation. The Trust seeks to achieve its investment objective by investing primarily in equity securities issued by companies that are engaged in the Utilities and Infrastructure business segments anywhere in the world and by utilizing an option writing (selling) strategy in an effort to enhance current gains. The Trust considers the Utilities business segment to include products, technologies and services connected to the management, ownership, operation, construction, development or financing of facilities used to generate, transmit or distribute electricity, water, natural resources or telecommunications and the Infrastructure business segment to include companies that own or operate infrastructure assets or that are involved in the development, construction, distribution or financing of infrastructure assets. Under normal circumstances, the Trust invests a substantial amount of its total assets in foreign issuers, issuers that primarily trade in a market located outside the United States or issuers that do a substantial amount of business outside the United States. The Trust may invest directly in such securities or synthetically through the use of derivatives.

No assurance can be given that the Trust s investment objective will be achieved.

Portfolio Management Commentary

How did the Trust perform?

For the six-month period ended April 30, 2013, the Trust returned 8.12% based on market price and 10.23% based on NAV. For the same period, the closed-end Lipper Sector Equity Funds category posted an average return of 10.23% based on market price and 10.14% based on NAV. All returns reflect reinvestment of dividends. The Trust ended the period trading at discount to NAV, which accounts for the difference between performance based on price and performance based on NAV. The following discussion relates to performance based on NAV.

What factors influenced performance?

The largest contributor to the Trust s performance was stock selection in the utilities sector, particularly regulated utilities, where several holdings returned more than 20%. Stock selection in water utilities was strong, with robust absolute performance coming from American Water Works Co., Inc. and Aqua America, Inc. In telecommunication services, investments in Verizon Communications, Inc., BT Group Plc and Telenor ASA substantially benefited performance. The Trust s exposure to the industrials sector also contributed positively to results.

Detracting from returns for the period was a handful of stocks that performed weakly due to both macroeconomic and fundamental reasons. German utility E.ON AG fell later during 2012 as the German government announced it would seek alternative sources of energy. CenturyLink, Inc., which the Trust sold during the first quarter of 2013, cut its dividend as a result of a capital allocation change. The stock s price reacted immediately following the announcement. In industrials, an investment in Asian port operator China Merchants Holdings International Co. Ltd. weighed

on returns as the stock was weaker due to fears of a cooling Chinese economy and slower growth in the near term. The Trust s option writing strategy had a negative impact on results for the period.

Describe recent portfolio activity.

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

During the six-month period, there were few meaningful changes to overall portfolio allocations due to the longer-term nature of the Trust's investment horizon and project cycle within the global utility and infrastructure space. The Trust continued to focus on companies that are likely to gain market share and grow revenues in a recovering global economy.

Describe Trust positioning at period end.

As of period end, the Trust was positioned to reflect ownership in companies we expect to capitalize on global trends of industrialization and urbanization around the world. Trust management continues to believe that the proliferation of wealth and general population growth across emerging markets will drive demand for commodities and related items in order to support infrastructure development, power generation, energy exploration & production and enhanced agricultural efficiencies. The Trust's holdings reflected a preference for industry leaders with early market penetration that are poised to capture growing revenues as demand for infrastructure, telecommunication services and electricity accelerates. This theme remains critical to the Trust's current positioning, as Trust management believes the velocity of an emerging middle class, with an anticipated two billion people joining by 2030, will be an exceptionally important investment theme.

The views expressed reflect the opinions of BlackRock as of the date of this report and are subject to change based on changes in market, economic or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

Table of Contents**BlackRock Utility and Infrastructure Trust****Trust Information**

Symbol on NYSE	BUI
Initial Offering Date	November 25, 2011
Current Distribution Rate on Closing Market Price as of April 30, 2013 (\$19.80) ¹	7.32%
Current Quarterly Distribution per Common Share ²	\$0.3625
Current Annualized Distribution per Common Share ²	\$1.4500

¹ Current distribution rate on closing market price is calculated by dividing the current annualized distribution per share by the closing market price. The current distribution rate consists of income, net realized gains and/or a tax return of capital. See the Section 19(a) Notices on page 2 for the estimated sources and character of distributions. Past performance does not guarantee future results.

² The distribution rate is not constant and is subject to change. A portion of the distribution may be deemed a tax return of capital or net realized gain.

The table below summarizes the changes in the Trust's market price and NAV per share:

	4/30/13	10/31/12	Change	High	Low
Market Price	\$ 19.80	\$ 19.03	4.05%	\$ 19.95	\$ 16.85
Net Asset Value	\$ 21.45	\$ 20.22	6.08%	\$ 21.45	\$ 18.87

The following charts show the ten largest holdings and industry allocation of the Trust's long-term investments:

Ten Largest Holdings

	4/30/13
American Tower Corp. REIT	4%
Verizon Communications, Inc.	3
National Grid Plc	3
CCR SA	3
Tractebel Energia SA	3
NextEra Energy, Inc.	3
Duke Energy Corp.	2
Plains All American Pipeline LP	2
CMS Energy Corp.	2
Cia de Saneamento de Minas Gerais COPASA	2

Industry Allocation

	4/30/13	10/31/12
Electric Utilities	23%	26%
Oil, Gas & Consumable Fuels	19	9
Multi-Utilities	16	20
Transportation Infrastructure	13	8
Water Utilities	8	11
Diversified Telecommunication Services	7	13
Independent Power Producers & Energy Traders	5	4
Real Estate Investment Trusts (REITs)	4	3
Wireless Telecommunication Services	2	2
Construction & Engineering	2	1
Other ³	1	3

³ Other includes a 1% holding or less in each of the following industries; for 4/30/13, Gas Utilities, and Machinery, and for 10/31/12, Machinery, Media, and Gas Utilities.

Table of Contents**Schedule of Investments April 30, 2013 (Unaudited)****BlackRock EcoSolutions Investment Trust (BQR)**
(Percentages shown are based on Net Assets)

	Shares	Value
Common Stocks		
Auto Components 0.8%		
Johnson Controls, Inc. (a)	29,000	\$ 1,015,290
Building Products 0.2%		
Kingspan Group Plc	23,600	285,284
Chemicals 20.8%		
Agrium, Inc.	29,100	2,667,597
CF Industries Holdings, Inc. (a)	9,650	1,799,822
Incitec Pivot Ltd.	265,600	796,945
Israel Chemicals Ltd.	90,000	1,072,485
Johnson Matthey Plc	59,204	2,229,220
K+S AG	19,000	841,140
Monsanto Co.	37,900	4,048,478
The Mosaic Co. (a)	34,900	2,149,491
Novozymes A/S, B Shares	38,100	1,318,685
Nufarm Ltd.	60,460	263,664
Potash Corp of Saskatchewan, Inc. (a)	63,100	2,656,510
Sinofert Holdings Ltd.	2,201,500	478,123
Syngenta AG	7,700	3,291,899
Umicore SA	19,800	917,655
Wacker Chemie AG	6,000	459,205
		24,990,919
Commercial Services & Supplies 2.4%		
Tetra Tech, Inc. (b)	83,400	2,192,586
Tianjin Capital Environmental Protection Group Co. Ltd., Series H	2,007,000	709,606
		2,902,192
Construction & Engineering 1.6%		
Aegion Corp. (b)	12,000	252,720
Chicago Bridge & Iron Co. NV (a)	3,362	180,842
Layne Christensen Co. (a)(b)	11,100	226,773
Quanta Services, Inc. (a)(b)	45,700	1,255,836
		1,916,171
Electric Utilities 3.5%		
Acciona SA	3,800	248,600
Iberdrola SA	207,005	1,112,977
ITC Holdings Corp.	2,900	267,438
NextEra Energy, Inc.	21,600	1,771,848
SSE Plc	32,000	774,780
		4,175,643
Electrical Equipment 3.1%		
ABB Ltd.	26,000	589,600
American Superconductor Corp. (b)	33,500	84,085
Gamesa Corp Tecnologica SA	40,100	156,775
General Cable Corp. (a)(b)	8,100	279,288
Nordex SE (b)	6,200	46,716
Roper Industries, Inc. (a)	10,800	1,292,220
Common Stocks	Shares	Value
Electrical Equipment (concluded)		
Schneider Electric SA	13,400	\$ 1,021,572
Vestas Wind Systems A/S (b)	25,800	224,460
		3,694,716
Electronic Equipment, Instruments & Components 1.7%		
Itron, Inc. (a)(b)	20,000	793,000

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

Trimble Navigation Ltd. (a)(b)	43,220	1,242,143
		2,035,143
Food Products 10.9%		
Agria Corp. ADR (b)	100,000	106,000
Archer-Daniels-Midland Co. (a)	36,600	1,242,204
BrasilAgro Co Brasileira de Propriedades Agricolas (b)	525,200	2,627,641
Bunge Ltd. (a)	35,000	2,527,350
Illovo Sugar Ltd.	234,900	908,083
IOI Corp Bhd	533,333	881,730
Sao Martinho SA	200,000	2,812,945
SLC Agricola SA	150,000	1,321,754
SunOpta, Inc. (a)(b)	52,900	384,583
Wilmar International Ltd.	81,000	219,876
		13,032,166
Independent Power Producers & Energy Traders 0.8%		
China Longyuan Power Group Corp., Series H	243,000	223,197
Enel Green Power SpA (a)	133,300	284,358
Ormat Technologies, Inc. (a)	18,700	406,538
		914,093
Industrial Conglomerates 0.4%		
Orkla ASA	57,700	520,299
Machinery 10.7%		
AGCO Corp.	37,900	2,018,175
CNH Global NV (a)	27,500	1,131,075
Deere & Co.	24,100	2,152,130
IDEX Corp.	10,400	541,112
Kurita Water Industries Ltd.	59,600	1,223,522
Pall Corp. (a)	10,000	667,100
Pentair Ltd.	38,200	2,076,170
Watts Water Technologies, Inc., Class A	26,400	1,242,384
Xylem, Inc.	66,400	1,842,600
		12,894,268
Multi-Utilities 2.2%		
Hera SpA	361,600	736,456
Suez Environnement Co.	9,925	142,436
Veolia Environnement SA	126,000	1,742,884
		2,621,776

Portfolio Abbreviations

To simplify the listings of portfolio holdings in the Schedule of Investments, the names and descriptions of many securities have been abbreviated according to the following list:	ADR	American Depositary Receipt	JPY	Japanese Yen
	AUD	Australian Dollar	MXN	Mexican New Peso
	BRL	Brazil Real	NOK	Norwegian Krone
	CAD	Canadian Dollar	NVDR	Non-Voting Depository Receipts
	CHF	Swiss Franc	PEN	Peruvian Nuevo Sol
	CLP	Chilean Peso	REIT	Real Estate Investment Trust
	DKK	Danish Krone	SEK	Swedish Krona
	EUR	Euro	SGD	Singapore Dollar
	GBP	British Pound	TWD	Taiwan Dollar
	HKD	Hong Kong Dollar		

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

ILS Israeli Shekel

USD US Dollar

ZAR South African Rand

See Notes to Financial Statements.

28

SEMI-ANNUAL REPORT

APRIL 30, 2013

Table of Contents**Schedule of Investments (continued)****BlackRock EcoSolutions Investment Trust (BQR)**
(Percentages shown are based on Net Assets)

	Shares	Value
Common Stocks		
Oil, Gas & Consumable Fuels 3.5%		
Cheniere Energy, Inc. (a)(b)	7,100	\$ 202,208
Cosan Ltd., Class A	73,000	1,514,750
Rentech, Inc.	317,900	658,053
Sasol Ltd.	25,000	1,082,913
Sasol Ltd. ADR (a)	7,800	338,676
TransCanada Corp. (a)	7,500	371,780
		4,168,380
Paper & Forest Products 0.3%		
Fibria Celulose SA ADR (b)	20,100	214,869
Precious Woods Holding AG (b)	20,000	86,040
		300,909
Real Estate Investment Trusts (REITs) 3.2%		
Plum Creek Timber Co., Inc.	48,500	2,499,690
Rayonier, Inc. (a)	23,175	1,377,060
		3,876,750
Real Estate Management & Development 0.3%		
Cresud SACIF y A ADR	44,900	394,222
Road & Rail 0.6%		
All America Latina Logistica SA	133,000	672,728
Semiconductors & Semiconductor Equipment 0.4%		
First Solar, Inc. (a)(b)	3,700	172,272
MEMC Electronic Materials, Inc. (a)(b)	19,400	104,760
Renewable Energy Corp. ASA (b)	22,700	6,310
Suntech Power Holdings Co. Ltd. ADR (b)	14,600	10,074
Trina Solar Ltd. ADR (a)(b)	19,200	98,112
Yingli Green Energy Holding Co. Ltd. ADR (b)	38,200	96,264
		487,792
Water Utilities 26.9%		
American States Water Co.	40,600	2,252,488
American Water Works Co., Inc.	53,400	2,236,392
Aqua America, Inc.	99,400	3,153,962
Artesian Resources Corp., Class A	37,200	876,804
California Water Service Group (a)	94,100	1,886,705
Common Stocks	Shares	Value
Water Utilities (concluded)		
China Water Affairs Group Ltd.	4,556,000	\$ 1,369,932
Cia de Saneamento Basico do Estado de Sao Paulo	105,000	1,478,371
Cia de Saneamento de Minas Gerais COPASA	43,100	993,083
Guangdong Investment Ltd.	1,260,000	1,219,900
Hyflux Ltd.	752,000	838,030
Inversiones Aguas Metropolitanas SA	1,500,000	3,184,733
Manila Water Co., Inc.	5,610,000	5,445,080
Pennon Group Plc	215,200	2,292,164
Sewer Trent Plc	113,500	3,216,712
United Utilities Group Plc	158,381	1,824,576
		32,268,932
Total Long-Term Investments		
(Cost \$106,563,780) 94.3%		113,167,673
Short-Term Securities		

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

BlackRock Liquidity Funds, TempFund, Institutional Class, 0.08% (c)(d)	6,030,375	6,030,375
Total Short-Term Securities		
(Cost \$6,030,375) 5.0%		6,030,375
Total Investments Before Options Written		
(Cost \$112,594,155) 99.3%		119,198,048
Options Written		
(Premiums Received \$1,159,044) (1.2)%		(1,473,747)
Total Investments Net of Options Written 98.1%		117,724,301
Other Assets Less Liabilities 1.9%		2,316,094
Net Assets 100.0%		\$ 120,040,395

Notes to Schedule of Investments

(a) All or a portion of security has been pledged/segregated as collateral in connection with outstanding options written.

(b) Non-income producing security.

(c) Represents the current yield as of report date.

(d) Investments in issuers considered to be an affiliate of the Trust during the six months ended April 30, 2013, for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

Affiliate	Shares/Beneficial Interest Held at October 31, 2012	Net Activity	Shares/Beneficial Interest Held at April 30, 2013	Income	Realized Gain
BlackRock Liquidity Funds, TempFund, Institutional Class	7,218,848	(1,188,473)	6,030,375	\$ 4,471	\$ 77
BlackRock Liquidity Series, LLC Money Market Series	\$ 1,554,150	\$ (1,554,150)		\$ 878	

For Trust compliance purposes, the Trust's industry classifications refer to any one or more of the industry sub-classifications used by one or more widely recognized market indexes or ratings group indexes, and/or as defined by Trust management. These definitions may not apply for purposes of this report, which may combine industry sub-classifications for reporting ease.

Exchange-traded options written as of April 30, 2013 were as follows:

Description	Put/ Call	Strike Price	Expiration Date	Contracts	Market Value
Ormat Technologies, Inc.	Call	USD 21.00	5/03/13	84	\$ (6,703)
Quanta Services, Inc.	Call	USD 30.25	5/10/13	205	(701)

See Notes to Financial Statements.

Table of Contents**Schedule of Investments (continued)****BlackRock EcoSolutions Investment Trust (BQR)**

Exchange-traded options written as of April 30, 2013 were as follows: (concluded)

Description	Put/ Call	Strike		Expiration Date	Contracts	Market Value
		Price				
SunOpta, Inc.	Call	USD	6.75	5/15/13	238	\$ (12,761)
Enel Green Power SpA	Call	EUR	1.65	5/17/13	12	(341)
Archer-Daniels-Midland Co.	Call	USD	33.00	5/20/13	82	(11,111)
Archer-Daniels-Midland Co.	Call	USD	34.00	5/20/13	82	(6,150)
Bunge Ltd.	Call	USD	77.50	5/20/13	30	(225)
California Water Service Group	Call	USD	20.00	5/20/13	217	(8,680)
CF Industries Holdings, Inc.	Call	USD	200.00	5/20/13	43	(4,601)
Cheniere Energy, Inc.	Call	USD	25.00	5/20/13	31	(11,160)
Chicago Bridge & Iron Co. NV	Call	USD	55.00	5/20/13	15	(1,912)
CNH Global NV	Call	USD	45.00	5/20/13	123	(2,152)
General Cable Corp.	Call	USD	36.00	5/20/13	36	(2,430)
Itron, Inc.	Call	USD	45.00	5/20/13	90	(1,350)
MEMC Electronic Materials, Inc.	Call	USD	5.00	5/20/13	87	(5,046)
Trimble Navigation Ltd.	Call	USD	31.25	5/20/13	194	(2,425)
Trina Solar Ltd. ADR	Call	USD	4.50	5/20/13	85	(6,332)
Rayonier, Inc.	Call	USD	59.00	6/06/13	104	(10,391)
The Mosaic Co.	Call	USD	60.00	6/11/13	156	(45,508)
Roper Industries, Inc.	Call	USD	123.75	6/13/13	48	(5,266)
Sasol Ltd. ADR	Call	USD	43.05	6/14/13	78	(9,556)
First Solar, Inc.	Call	USD	40.00	6/24/13	17	(13,770)
Johnson Controls, Inc.	Call	USD	33.00	6/24/13	130	(30,225)
Layne Christensen Co.	Call	USD	20.00	6/24/13	49	(6,125)
Pall Corp.	Call	USD	70.00	6/24/13	10	(675)
Potash Corp of Saskatchewan, Inc.	Call	USD	40.00	6/24/13	284	(73,982)
TransCanada Corp.	Call	CAD	49.50	6/24/13	33	(4,586)
Total						\$ (284,164)

Over-the-counter options written as of April 30, 2013 were as follows:

Description	Counterparty	Put/ Call	Strike		Expiration Date	Contracts	Market Value
			Price				
Cosan Ltd., Class A	Barclays Bank	Call	USD	21.21	5/02/13	33,000	\$ (791)
American Water Works Co., Inc.	Deutsche Bank Securities Corp.	Call	USD	39.88	5/03/13	6,300	(12,613)
American States Water Co.	Morgan Stanley & Co., Inc.	Call	USD	52.92	5/06/13	18,200	(46,592)
Aqua America, Inc.	Deutsche Bank Securities Corp.	Call	USD	29.30	5/06/13	5,700	(13,851)
China Longyuan Power Group Corp., Series H	Citigroup Global Markets, Inc.	Call	HKD	7.43	5/07/13	109,000	(1,001)
China Water Affairs Group Ltd.	Citigroup Global Markets, Inc.	Call	HKD	2.68	5/07/13	1,000,000	(3)
Guangdong Investment Ltd.	JPMorgan Chase Securities	Call	HKD	7.00	5/07/13	568,000	(37,948)
Sinofert Holdings Ltd.	Morgan Stanley & Co., Inc.	Call	HKD	1.96	5/07/13	990,000	(76)
Tianjin Capital Environmental Protection Group Co. Ltd., Series H	Citigroup Global Markets, Inc.	Call	HKD	3.58	5/07/13	904,000	(11)
AGCO Corp.	Goldman Sachs & Co.	Call	USD	51.48	5/08/13	8,500	(16,043)
BrasilAgro Co Brasileira de Propriedades Agrícolas	Deutsche Bank Securities Corp.	Call	BRL	10.09	5/08/13	39,000	(1,863)
Cia de Saneamento de Minas Gerais COPASA	UBS Securities LLC	Call	BRL	49.97	5/08/13	19,400	(23)
Fibria Celulose SA ADR	Goldman Sachs & Co.	Call	USD	11.60	5/08/13	4,500	(55)
Sao Martinho SA	UBS Securities LLC	Call	BRL	28.69	5/08/13	41,600	(5,697)
American Water Works Co., Inc.	Citigroup Global Markets, Inc.	Call	USD	40.38	5/09/13	5,800	(8,840)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

IDEX Corp.	Barclays Bank	Call USD	52.09	5/09/13	4,700	(2,754)
Plum Creek Timber Co., Inc.	Morgan Stanley & Co., Inc.	Call USD	50.40	5/09/13	21,800	(27,155)

See Notes to Financial Statements.

30

SEMI-ANNUAL REPORT

APRIL 30, 2013

Table of Contents**Schedule of Investments (continued)****BlackRock EcoSolutions Investment Trust (BQR)**

Over-the-counter options written as of April 30, 2013 were as follows: (continued)

Description	Counterparty	Put/ Call	Strike		Expiration Date	Contracts	Market Value
			Price				
Aegion Corp.	Barclays Bank	Call	USD	25.76	5/10/13	5,400	\$
Agrium, Inc.	Deutsche Bank Securities Corp.	Call	USD	104.55	5/10/13	13,000	(388)
California Water Service Group	UBS Securities LLC	Call	USD	19.58	5/13/13	20,600	(9,762)
Acciona SA	Goldman Sachs & Co.	Call	EUR	46.57	5/14/13	1,700	(7,598)
Gamesa Corp Tecnologica SA	Goldman Sachs & Co.	Call	EUR	2.46	5/14/13	18,000	(12,051)
Illovo Sugar Ltd.	Deutsche Bank Securities Corp.	Call	ZAR	31.01	5/14/13	52,900	(21,908)
Illovo Sugar Ltd.	Goldman Sachs & Co.	Call	ZAR	31.06	5/14/13	52,900	(21,611)
Johnson Matthey Plc	Goldman Sachs & Co.	Call	GBP	23.01	5/14/13	26,700	(53,008)
Kingspan Group Plc	Goldman Sachs & Co.	Call	EUR	9.47	5/14/13	5,300	(741)
Pennon Group Plc	Deutsche Bank Securities Corp.	Call	GBP	6.68	5/14/13	96,900	(30,628)
Schneider Electric SA	Morgan Stanley & Co., Inc.	Call	EUR	59.85	5/14/13	6,000	(1,369)
Scottish & Southern Energy Plc	Goldman Sachs & Co.	Call	GBP	14.82	5/14/13	14,400	(17,224)
Severn Trent Plc	UBS Securities LLC	Call	GBP	16.22	5/14/13	51,000	(160,571)
Suez Environnement Co.	Goldman Sachs & Co.	Call	EUR	10.40	5/14/13	4,500	(3,182)
United Utilities Group Plc	UBS Securities LLC	Call	GBP	7.49	5/14/13	71,300	(13,163)
American Water Works Co., Inc.	Citigroup Global Markets, Inc.	Call	USD	40.47	5/15/13	6,200	(9,268)
BrasilAgro - Co Brasileira de Propriedades Agricolas	Deutsche Bank Securities Corp.	Call	BRL	10.10	5/15/13	39,400	(2,739)
Inversiones Aguas Metropolitanas SA	Credit Suisse First Boston	Call	CLP	1,006.97	5/15/13	225,000	(4,724)
SLC Agricola SA	Credit Suisse First Boston	Call	BRL	18.02	5/15/13	16,900	(2,581)
AGCO Corp.	Goldman Sachs & Co.	Call	USD	51.48	5/22/13	8,500	(18,199)
Aqua America, Inc.	Morgan Stanley & Co., Inc.	Call	USD	30.50	5/22/13	5,700	(7,853)
All America Latina Logistica SA	Deutsche Bank Securities Corp.	Call	BRL	10.74	5/23/13	59,900	(1,585)
BrasilAgro - Co Brasileira de Propriedades Agricolas	Deutsche Bank Securities Corp.	Call	BRL	10.01	5/23/13	39,400	(4,395)
Deere & Co.	Morgan Stanley & Co., Inc.	Call	USD	92.74	5/23/13	10,800	(9,035)
ABB Ltd.	Goldman Sachs & Co.	Call	CHF	21.98	5/28/13	11,700	(1,696)
Israel Chemicals Ltd.	Morgan Stanley & Co., Inc.	Call	ILS	48.19	5/28/13	40,500	(496)
K+S AG	Citigroup Global Markets, Inc.	Call	EUR	36.24	5/28/13	8,500	(2,346)
Kingspan Group Plc	Deutsche Bank Securities Corp.	Call	EUR	9.75	5/28/13	5,300	(733)
Nordex SE	Deutsche Bank Securities Corp.	Call	EUR	4.45	5/28/13	2,800	(4,716)
Novozymes A/S, B Shares	Deutsche Bank Securities Corp.	Call	DKK	204.02	5/28/13	17,200	(7,032)
Orkla ASA	Citigroup Global Markets, Inc.	Call	NOK	47.26	5/28/13	26,000	(21,960)
Syngenta AG	Deutsche Bank Securities Corp.	Call	CHF	418.62	5/28/13	3,500	(5,631)
Veolia Environnement SA	Citigroup Global Markets, Inc.	Call	EUR	9.81	5/28/13	56,700	(62,022)
Vestas Wind Systems A/S	Deutsche Bank Securities Corp.	Call	DKK	49.24	5/28/13	11,700	(6,346)
Wacker Chemie AG	Deutsche Bank Securities Corp.	Call	EUR	64.50	5/28/13	2,700	(2,658)
American Water Works Co., Inc.	Morgan Stanley & Co., Inc.	Call	USD	41.56	5/29/13	5,700	(5,258)
Hyflux Ltd.	Citigroup Global Markets, Inc.	Call	SGD	1.43	5/30/13	339,000	(1,582)
Incitec Pivot Ltd.	Morgan Stanley & Co., Inc.	Call	AUD	3.09	5/30/13	119,600	(3,569)
Kurita Water Industries Ltd.	Banc of America Securities	Call	JPY	2,077.53	5/30/13	26,900	(5,426)
Monsanto Co.	Deutsche Bank Securities Corp.	Call	USD	106.13	5/30/13	17,000	(46,583)
Nufarm Ltd.	JPMorgan Chase Securities	Call	AUD	4.46	5/30/13	27,300	(4,987)
Wilmar International Ltd.	Citigroup Global Markets, Inc.	Call	SGD	3.37	5/30/13	37,000	(2,156)
Xylem, Inc.	Credit Suisse First Boston	Call	USD	29.38	6/03/13	29,800	(6,642)
SLC Agricola SA	Credit Suisse First Boston	Call	BRL	17.44	6/04/13	33,700	(13,704)
Umicore SA	Goldman Sachs & Co.	Call	EUR	35.23	6/04/13	8,900	(9,828)
Aqua America, Inc.	Citigroup Global Markets, Inc.	Call	USD	30.55	6/05/13	7,200	(9,362)
Watts Water Technologies, Inc., Class A	Citigroup Global Markets, Inc.	Call	USD	46.74	6/05/13	11,800	(18,153)

See Notes to Financial Statements.

Table of Contents**Schedule of Investments (continued)****BlackRock EcoSolutions Investment Trust (BQR)**

Over-the-counter options written as of April 30, 2013 were as follows: (concluded)

Description	Counterparty	Put/ Call	Strike		Expiration Date	Contracts	Market Value
			Price				
Aqua America, Inc.	Morgan Stanley & Co., Inc.	Call	USD	32.42	6/06/13	18,500	\$ (7,796)
Cresud SACIF y A ADR	Citigroup Global Markets, Inc.	Call	USD	9.43	6/06/13	20,000	(2,924)
Fibra Celulose SA ADR	JPMorgan Chase Securities	Call	USD	12.49	6/07/13	4,500	(198)
NextEra Energy, Inc.	Morgan Stanley & Co., Inc.	Call	USD	77.39	6/07/13	9,700	(45,008)
Rentech, Inc.	UBS Securities LLC	Call	USD	2.46	6/07/13	143,000	(3,476)
Inversiones Aguas Metropolitanas SA	Credit Suisse First Boston	Call	CLP	1,002.56	6/10/13	225,000	(9,742)
Sao Martinho SA	Citigroup Global Markets, Inc.	Call	BRL	28.27	6/10/13	24,200	(12,859)
Bunge Ltd.	Morgan Stanley & Co., Inc.	Call	USD	68.17	6/11/13	12,700	(57,138)
Iberdrola SA	Citigroup Global Markets, Inc.	Call	EUR	3.87	6/13/13	93,500	(35,152)
Aqua America, Inc.	JPMorgan Chase Securities	Call	USD	30.73	6/14/13	3,800	(4,597)
Tetra Tech, Inc.	Deutsche Bank Securities Corp.	Call	USD	25.70	6/14/13	37,500	(49,676)
BrasilAgro - Co Brasileira de Propriedades Agricolas	Citigroup Global Markets, Inc.	Call	BRL	10.05	6/17/13	39,000	(5,911)
Cia de Saneamento Basico do Estado de Sao Paulo	UBS Securities LLC	Call	BRL	31.38	6/17/13	47,400	(4,150)
SLC Agricola SA	UBS Securities LLC	Call	BRL	18.33	6/17/13	16,900	(4,629)
Pentair Ltd.	Goldman Sachs & Co.	Call	USD	50.44	6/18/13	17,100	(75,127)
Aqua America, Inc.	JPMorgan Chase Securities	Call	USD	30.73	6/27/13	3,800	(4,829)
BrasilAgro - Co Brasileira de Propriedades Agricolas	Deutsche Bank Securities Corp.	Call	BRL	9.74	6/27/13	39,400	(9,925)
Inversiones Aguas Metropolitanas SA	Citigroup Global Markets, Inc.	Call	CLP	1,008.99	6/27/13	225,000	(10,328)
Sao Martinho SA	UBS Securities LLC	Call	BRL	28.47	6/27/13	24,200	(14,333)
Total							\$ (1,189,583)

Fair Value Measurements Various inputs are used in determining the fair value of investments and derivative financial instruments. These inputs to valuation techniques are categorized into a disclosure hierarchy consisting of three broad levels for financial statement purposes as follows:

Level 1 unadjusted price quotations in active markets/exchanges for identical assets and liabilities that the Trust has the ability to access

Level 2 other observable inputs (including, but not limited to, quoted prices for similar assets or liabilities in markets that are active, quoted prices for identical or similar assets or liabilities in markets that are not active, inputs other than quoted prices that are observable for the assets or liabilities (such as interest rates, yield curves, volatilities, prepayment speeds, loss severities, credit risks and default rates) or other market-corroborated inputs)

Level 3 unobservable inputs based on the best information available in the circumstances, to the extent observable inputs are not available (including the Trust's own assumptions used in determining the fair value of investments and derivative financial instruments)

The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). Accordingly, the degree of judgment exercised in determining fair value is greatest for instruments categorized in Level 3. The inputs used to measure fair value may fall into different levels of the fair value hierarchy. In such cases, for disclosure purposes, the level in the fair value hierarchy within which the fair value measurement falls in its entirety is determined based on the lowest level input that is significant to the fair value measurement in its entirety.

Changes in valuation techniques may result in transfers into or out of an assigned level within the disclosure hierarchy. In accordance with the Trust's policy, transfers between different levels of the fair value disclosure hierarchy are deemed to have occurred as of the beginning of the reporting period. The categorization of a value determined for investments and derivative financial instruments is based on the pricing transparency of the investment and derivative financial instrument and is not necessarily an indication of the risks associated with investing in those securities. For information about the Trust's policy regarding valuation

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

of investments and derivative financial instruments and other significant accounting policies, please refer to Note 1 of the Notes to Financial Statements.

See Notes to Financial Statements.

32

SEMI-ANNUAL REPORT

APRIL 30, 2013

Table of Contents**Schedule of Investments (concluded)****BlackRock EcoSolutions Investment Trust (BQR)**

The following tables summarize the Trust's investments and derivative financial instruments categorized in the disclosure hierarchy as of April 30, 2013:

	Level 1	Level 2	Level 3	Total
Assets:				
Investments:				
Long-Term Investments:				
Common Stocks:				
Auto Components	\$ 1,015,290			\$ 1,015,290
Building Products		\$ 285,284		285,284
Chemicals	15,551,118	9,439,801		24,990,919
Commercial Services & Supplies	2,192,586	709,606		2,902,192
Construction & Engineering	1,916,171			1,916,171
Electric Utilities	2,039,286	2,136,357		4,175,643
Electrical Equipment	1,655,593	2,039,123		3,694,716
Electronic Equipment, Instruments & Components	2,035,143			2,035,143
Food Products	12,812,290	219,876		13,032,166
Independent Power Producers & Energy Traders	406,538	507,555		914,093
Industrial Conglomerates		520,299		520,299
Machinery	11,670,746	1,223,522		12,894,268
Multi-Utilities		2,621,776		2,621,776
Oil, Gas & Consumable Fuels	3,085,467	1,082,913		4,168,380
Paper & Forest Products	300,909			300,909
Real Estate Investment Trusts (REITs)	3,876,750			3,876,750
Real Estate Management & Development	394,222			394,222
Road & Rail	672,728			672,728
Semiconductors & Semiconductor Equipment	481,482	6,310		487,792
Water Utilities	21,507,618	10,761,314		32,268,932
Short-Term Securities	6,030,375			6,030,375
Total	\$ 87,644,312	\$ 31,553,736		\$ 119,198,048
	Level 1	Level 2	Level 3	Total
Derivative Financial Instruments ¹				
Liabilities:				
Equity contracts	\$ (192,938)	\$ (1,280,809)		\$ (1,473,747)

¹ Derivative financial instruments are options written, which are shown at value.

Certain of the Trust's assets are held at carrying amount, which approximates fair value for financial statement purposes. As of April 30, 2013, such assets are categorized within the disclosure hierarchy as follows:

	Level 1	Level 2	Level 3	Total
Assets:				
Cash	\$ 1,865,546			\$ 1,865,546
Foreign currency at value	80,750			80,750
Cash pledged as collateral for options written	100,000			100,000
Total	\$ 2,046,296			\$ 2,046,296

Certain foreign securities are fair valued utilizing an external pricing service to reflect any significant market movements between the time the Trust values such foreign securities and the earlier closing of foreign markets. Such fair valuations are categorized as Level 2 in the disclosure hierarchy. As of October 31, 2012, there were securities with a value of \$4,831,829 that were systematically fair valued due to significant market movements, but were not valued using systematic fair values as of April 30, 2013. Therefore, these securities were transferred from Level 2 to Level 1 during the period October 31, 2012 to April 30, 2013.

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

See Notes to Financial Statements.

SEMI-ANNUAL REPORT

APRIL 30, 2013

33

Table of Contents**Schedule of Investments** April 30, 2013 (Unaudited)**BlackRock Energy and Resources Trust (BGR)**
(Percentages shown are based on Net Assets)

	Shares	Value
Common Stocks		
Energy Equipment & Services 17.3%		
Cameron International Corp. (a)(b)	445,500	\$ 27,420,525
Halliburton Co. (b)	419,000	17,920,630
National Oilwell Varco, Inc. (b)	370,500	24,164,010
Schlumberger Ltd. (b)	508,268	37,830,387
Superior Energy Services, Inc. (a)	191,400	5,280,726
Technip SA	160,900	17,258,191
Transocean Ltd. (a)(b)	286,400	14,741,008
		144,615,477
Metals & Mining 1.9%		
Hi-Crush Partners LP (b)	838,643	15,657,465
Oil, Gas & Consumable Fuels 79.0%		
Access Midstream Partners LP (b)	251,200	10,367,024
AltaGas Ltd. (b)	481,100	17,926,938
Anadarko Petroleum Corp. (b)	591,633	50,146,813
Cabot Oil & Gas Corp.	333,800	22,715,090
Cairn Energy Plc (a)	2,000,000	8,980,934
Chevron Corp. (b)	555,500	67,776,555
Cimarex Energy Co. (b)	141,400	10,347,650
Concho Resources, Inc. (a)(b)	64,700	5,572,611
Crew Energy, Inc. (a)(b)	1,688,292	11,713,893
DCP Midstream Partners LP	235,150	11,550,568
Delek Logistics Partners LP	416,600	12,581,320
Denbury Resources, Inc. (a)(b)	1,122,846	20,087,715
Energy XXI (Bermuda) Ltd. (b)	446,400	10,151,136
EQT Corp.	186,132	13,982,236
Exxon Mobil Corp. (b)	141,000	12,547,590
Golar LNG Ltd. (b)	340,934	11,394,014
Gulfport Energy Corp. (a)(b)	1,165,750	60,840,494
Keyera Corp.	441,367	27,569,830
Kodiak Oil & Gas Corp. (a)(b)	818,700	6,410,421
Kosmos Energy Ltd. (a)(b)	993,007	10,913,147
MarkWest Energy Partners LP (b)	357,789	22,612,265
Noble Energy, Inc. (b)	361,196	40,919,895
NuVista Energy Ltd. (a)(b)	557,400	4,049,996
Pembina Pipeline Corp. (b)	298,400	9,795,114
Pioneer Natural Resources Co. (b)	270,433	33,055,026
Plains All American Pipeline LP	350,000	20,097,000
Range Resources Corp.	514,200	37,803,984
Trilogy Energy Corp. (b)	343,470	10,040,391
Common Stocks	Shares	Value
Oil, Gas & Consumable Fuels (concluded)		
Valero Energy Corp. (b)	930,000	\$ 37,497,600
Whiting Petroleum Corp. (a)(b)	526,600	23,433,700
Williams Partners LP (b)	300,784	16,437,846
		659,318,796
Total Common Stocks 98.2%		819,591,738
Rights		
Oil, Gas & Consumable Fuels 0.0%		
Magnum Hunter Resources Corp., Expires 10/14/13 (a)(c)	70,300	9,842
Total Long-Term Investments		
(Cost \$650,154,284) 98.2%		819,601,580

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

Short-Term Securities

BlackRock Liquidity Funds, TempFund, Institutional Class, 0.08% (d)(e)	24,255,568	24,255,568
	Beneficial Interest (000)	
BlackRock Liquidity Series, LLC Money Market Series, 0.22% (d)(e)(f)	\$ 7	6,500
Total Short-Term Securities		
(Cost \$24,262,068) 2.9%		24,262,068
Total Investments Before Options Written		
(Cost \$674,416,352) 101.1%		843,863,648
Options Written		
(Premiums Received \$7,013,209) (1.2)%		(10,022,464)
Total Investments Net of Options Written 99.9%		833,841,184
Other Assets Less Liabilities 0.1%		452,817
Net Assets 100.0%		\$ 834,294,001

Notes to Schedule of Investments

(a) Non-income producing security.

(b) All or a portion of security has been pledged/segregated as collateral in connection with outstanding options written.

(c) Security, or a portion of security, is on loan.

(d) Represents the current yield as of report date.

(e) Investments in issuers considered to be an affiliate of the Trust during the six months ended April 30, 2013, for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

Affiliate	Shares/ Beneficial Interest Held at October 31, 2012	Net Activity	Shares/ Beneficial Interest Held at April 30, 2013	Income	Realized Gain
BlackRock Liquidity Funds, TempFund, Institutional Class	4,572,699	19,682,869	24,255,568	\$ 13,590	\$ 108
BlackRock Liquidity Series, LLC Money Market Series	\$ 13,663,321	\$ (13,656,821)	\$ 6,500	\$ 1,322	

(f) Security was purchased with the cash collateral from loaned securities. The Trust may withdraw up to 25% of its investment daily, although the manager of the BlackRock Liquidity Series, LLC Money Market Series, in its sole discretion, may permit an investor to withdraw more than 25% on any one day.

See Notes to Financial Statements.

Table of Contents**Schedule of Investments (continued)****BlackRock Energy and Resources Trust (BGR)**

For Trust compliance purposes, the Trust's industry classifications refer to any one or more of the industry sub-classifications used by one or more widely recognized market indexes or ratings group indexes, and/or as defined by Trust management. These definitions may not apply for purposes of this report, which may combine industry sub-classifications for reporting ease.

Exchange-traded options written as of April 30, 2013 were as follows:

Description	Put/ Call	Strike		Expiration Date	Contracts	Market Value
		Price				
Chevron Corp.	Call	USD	116.00	5/18/13	425	\$ (257,511)
AltaGas Ltd.	Call	CAD	36.00	5/20/13	1,481	(235,208)
Anadarko Petroleum Corp.	Call	USD	85.00	5/20/13	370	(86,210)
Cameron International Corp.	Call	USD	67.50	5/20/13	1,510	(22,650)
Chevron Corp.	Call	USD	120.00	5/20/13	80	(19,920)
Cimarex Energy Co.	Call	USD	80.00	5/20/13	247	(11,733)
Concho Resources, Inc.	Call	USD	100.00	5/20/13	226	(2,825)
Crew Energy, Inc.	Call	CAD	7.50	5/20/13	925	(9,641)
Denbury Resources, Inc.	Call	USD	18.00	5/20/13	870	(36,975)
Exxon Mobil Corp.	Call	USD	87.50	5/20/13	490	(81,340)
Gulfport Energy Corp.	Call	USD	45.00	5/20/13	1,600	(1,224,000)
Halliburton Co.	Call	USD	42.00	5/20/13	730	(106,945)
Hi-Crush Partners LP	Call	USD	20.00	5/20/13	40	(600)
Kodiak Oil & Gas Corp.	Call	USD	9.00	5/20/13	221	(2,210)
Kodiak Oil & Gas Corp.	Call	USD	10.00	5/20/13	580	(2,900)
MarkWest Energy Partners LP	Call	USD	62.50	5/20/13	450	(58,500)
National Oilwell Varco, Inc.	Call	USD	70.00	5/20/13	1,260	(22,680)
Noble Energy, Inc.	Call	USD	115.00	5/20/13	632	(86,900)
NuVista Energy Ltd.	Call	CAD	7.00	5/20/13	1,100	(49,134)
Pembina Pipeline Corp.	Call	CAD	31.50	5/20/13	1,042	(155,144)
Pioneer Natural Resources Co.	Call	USD	135.00	5/20/13	390	(17,550)
Schlumberger Ltd.	Call	USD	77.50	5/20/13	1,316	(42,112)
Trilogy Energy Corp.	Call	CAD	30.00	5/20/13	1,200	(83,379)
Whiting Petroleum Corp.	Call	USD	52.50	5/20/13	1,429	(14,290)
Schlumberger Ltd.	Call	USD	76.50	5/29/13	410	(32,882)
Noble Energy, Inc.	Call	USD	113.00	6/05/13	632	(203,751)
Chevron Corp.	Call	USD	120.00	6/24/13	789	(252,480)
Cimarex Energy Co.	Call	USD	80.00	6/24/13	247	(33,960)
Crew Energy, Inc.	Call	CAD	7.00	6/24/13	1,000	(42,186)
Denbury Resources, Inc.	Call	USD	18.00	6/24/13	870	(60,900)
Energy XXI (Bermuda) Ltd.	Call	USD	24.00	6/24/13	783	(62,640)
Golar LNG Ltd.	Call	USD	35.00	6/24/13	600	(45,000)
Halliburton Co.	Call	USD	42.00	6/24/13	730	(153,665)
Kodiak Oil & Gas Corp.	Call	USD	9.00	6/24/13	663	(11,603)
Pioneer Natural Resources Co.	Call	USD	125.00	6/24/13	555	(266,400)
Williams Partners LP	Call	USD	55.00	6/24/13	300	(35,250)
Kosmos Energy Ltd.	Call	USD	12.50	7/22/13	700	(17,500)
Total						\$ (3,848,574)

Over-the-counter options written as of April 30, 2013 were as follows:

Description	Counterparty	Put/ Call	Strike		Expiration Date	Contracts	Market Value
			Price				

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

Superior Energy Services, Inc.	Deutsche Bank Securities Corp.	Call	USD	26.14	5/02/13	66,900	\$ (97,150)
Transocean Ltd.	Citigroup Global Markets, Inc.	Call	USD	52.00	5/02/13	50,100	(7,166)
Kosmos Energy Ltd.	Banc of America Securities	Call	USD	10.70	5/03/13	65,000	(22,842)
Range Resources Corp.	Citigroup Global Markets, Inc.	Call	USD	80.78	5/03/13	90,000	(7)
Anadarko Petroleum Corp.	Morgan Stanley & Co., Inc.	Call	USD	86.97	5/06/13	164,000	(92,152)

See Notes to Financial Statements.

SEMI-ANNUAL REPORT

APRIL 30, 2013

35

Table of Contents**Schedule of Investments (continued)****BlackRock Energy and Resources Trust (BGR)**

Over-the-counter options written as of April 30, 2013 were as follows: (concluded)

Description	Counterparty	Put/ Call	Strike		Expiration Date	Contracts	Market	
			Price				Value	
EQT Corp.	Goldman Sachs & Co.	Call	USD	60.25	5/08/13	16,500	\$	(245,355)
EQT Corp.	JPMorgan Chase Securities	Call	USD	68.19	5/08/13	46,500		(322,624)
Gulfport Energy Corp.	Morgan Stanley & Co., Inc.	Call	USD	40.70	5/08/13	76,000		(873,963)
Keyera Corp.	Morgan Stanley & Co., Inc.	Call	CAD	55.33	5/08/13	38,700		(291,945)
Kodiak Oil & Gas Corp.	Morgan Stanley & Co., Inc.	Call	USD	9.61	5/09/13	140,000		(503)
Plains All American Pipeline LP	JPMorgan Chase Securities	Call	USD	54.01	5/09/13	58,500		(199,544)
Kosmos Energy Ltd.	Citigroup Global Markets, Inc.	Call	USD	11.11	5/10/13	54,000		(13,720)
Access Midstream Partners LP	Morgan Stanley & Co., Inc.	Call	USD	39.79	5/13/13	44,000		(68,546)
Keyera Corp.	UBS Securities LLC	Call	CAD	56.52	5/14/13	57,500		(365,849)
NuVista Energy Ltd.	Deutsche Bank Securities Corp.	Call	CAD	5.83	5/14/13	83,400		(124,141)
Technip SA	Goldman Sachs & Co.	Call	EUR	82.74	5/14/13	14,900		(14,390)
Technip SA	Morgan Stanley & Co., Inc.	Call	EUR	85.15	5/14/13	26,600		(8,464)
Golar LNG Ltd.	UBS Securities LLC	Call	USD	35.94	5/15/13	59,300		(3,170)
Kosmos Energy Ltd.	Goldman Sachs & Co.	Call	USD	11.45	5/22/13	73,500		(27,492)
Keyera Corp.	UBS Securities LLC	Call	CAD	56.38	5/24/13	57,500		(373,840)
Cairn Energy Plc	Citigroup Global Markets, Inc.	Call	GBP	2.88	5/28/13	233,000		(35,154)
Technip SA	Goldman Sachs & Co.	Call	EUR	82.52	5/28/13	14,900		(24,517)
Access Midstream Partners LP	Morgan Stanley & Co., Inc.	Call	USD	39.79	5/30/13	44,000		(76,206)
Williams Partners LP	UBS Securities LLC	Call	USD	53.50	5/30/13	27,000		(38,587)
Valero Energy Corp.	Deutsche Bank Securities Corp.	Call	USD	47.57	5/31/13	119,000		(20,505)
Transocean Ltd.	Citigroup Global Markets, Inc.	Call	USD	55.00	6/03/13	50,100		(25,678)
Williams Partners LP	Banc of America Securities	Call	USD	52.77	6/03/13	48,200		(102,405)
Chevron Corp.	Morgan Stanley & Co., Inc.	Call	USD	118.78	6/05/13	65,000		(230,908)
Hi-Crush Partners LP	JPMorgan Chase Securities	Call	USD	19.49	6/05/13	40,000		(11,403)
MarkWest Energy Partners LP	Deutsche Bank Securities Corp.	Call	USD	61.36	6/05/13	39,400		(86,988)
Cairn Energy Plc	Citigroup Global Markets, Inc.	Call	GBP	2.88	6/11/13	233,000		(42,633)
DCP Midstream Partners LP	UBS Securities LLC	Call	USD	47.91	6/14/13	39,700		(54,675)
Range Resources Corp.	Morgan Stanley & Co., Inc.	Call	USD	76.57	6/14/13	90,000		(161,551)
Valero Energy Corp.	Citigroup Global Markets, Inc.	Call	USD	41.50	6/14/13	108,000		(143,975)
Cabot Oil & Gas Corp.	Credit Suisse First Boston	Call	USD	70.27	6/17/13	110,000		(240,130)
Gulfport Energy Corp.	Morgan Stanley & Co., Inc.	Call	USD	48.67	6/17/13	77,000		(443,482)
Gulfport Energy Corp.	UBS Securities LLC	Call	USD	45.41	6/17/13	95,000		(770,584)
Energy XXI (Bermuda) Ltd.	Goldman Sachs & Co.	Call	USD	23.20	6/18/13	78,000		(80,441)
Kosmos Energy Ltd.	UBS Securities LLC	Call	USD	10.85	6/18/13	42,500		(29,618)
Cairn Energy Plc	Citigroup Global Markets, Inc.	Call	GBP	2.88	6/26/13	233,000		(48,866)
MarkWest Energy Partners LP	Goldman Sachs & Co.	Call	USD	62.52	6/27/13	40,800		(71,771)
DCP Midstream Partners LP	UBS Securities LLC	Call	USD	47.91	6/28/13	39,700		(56,737)
Valero Energy Corp.	Citigroup Global Markets, Inc.	Call	USD	41.50	6/28/13	108,000		(171,565)
Plains All American Pipeline LP	Deutsche Bank Securities Corp.	Call	USD	58.58	7/08/13	32,000		(24,577)
Plains All American Pipeline LP	Deutsche Bank Securities Corp.	Call	USD	58.58	7/24/13	32,000		(28,071)
Total							\$	(6,173,890)

Fair Value Measurements Various inputs are used in determining the fair value of investments and derivative financial instruments. These inputs to valuation techniques are categorized into a disclosure hierarchy consisting of three broad levels for financial statement purposes as follows:

Level 1 unadjusted price quotations in active markets/exchanges for identical assets and liabilities that the Trust has the ability to access

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

Level 2 other observable inputs (including, but not limited to, quoted prices for similar assets or liabilities in markets that are active, quoted prices for identical or similar assets or liabilities in markets that are not active, inputs other than quoted prices that are observable for the assets or liabilities (such as interest rates, yield curves, volatilities, prepayment speeds, loss severities, credit risks and default rates) or other market-corroborated inputs)

Level 3 unobservable inputs based on the best information available in the circumstances, to the extent observable inputs are not available (including the Trust's own assumptions used in determining the fair value of investments and derivative financial instruments)

See Notes to Financial Statements.

Table of Contents**Schedule of Investments (continued)****BlackRock Energy and Resources Trust (BGR)**

The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). Accordingly, the degree of judgment exercised in determining fair value is greatest for instruments categorized in Level 3. The inputs used to measure fair value may fall into different levels of the fair value hierarchy. In such cases, for disclosure purposes, the level in the fair value hierarchy within which the fair value measurement falls in its entirety is determined based on the lowest level input that is significant to the fair value measurement in its entirety.

Changes in valuation techniques may result in transfers into or out of an assigned level within the disclosure hierarchy. In accordance with the Trust's policy, transfers between different levels of the fair value disclosure hierarchy are deemed to have occurred as of the beginning of the reporting period. The categorization of a value determined for investments and derivative financial instruments is based on the pricing transparency of the investment and derivative financial instrument and is not necessarily an indication of the risks associated with investing in those securities. For information about the Trust's policy regarding valuation of investments and derivative financial instruments and other significant accounting policies, please refer to Note 1 of the Notes to Financial Statements.

The following tables summarize the Trust's investments and derivative financial instruments categorized in the disclosure hierarchy as of April 30, 2013:

	Level 1	Level 2	Level 3	Total
Assets:				
Investments:				
Long-Term Investments:				
Common Stocks:				
Energy Equipment & Services	\$ 127,357,286	\$ 17,258,191		\$ 144,615,477
Metals & Mining	15,657,465			15,657,465
Oil, Gas & Consumable Fuels	650,337,862	8,980,934		659,318,796
Rights		9,842		9,842
Short-Term Securities	24,255,568	6,500		24,262,068
Total	\$ 817,608,181	\$ 26,255,467		\$ 843,863,648
			Level 3	Total
Derivative Financial Instruments ¹				
Liabilities:				
Equity contracts	\$ (3,354,431)	\$ (6,668,033)		\$ (10,022,464)

¹ Derivative financial instruments are options written, which are shown at value.

Certain of the Trust's assets and liabilities are held at carrying amount, which approximates fair value for financial statement purposes. As of April 30, 2013, such assets and liabilities are categorized within the disclosure hierarchy as follows:

	Level 1	Level 2	Level 3	Total
Assets:				
Foreign currency at value	\$ 24			\$ 24
Liabilities:				
Cash received as collateral for options written		\$ (397,000)		(397,000)
Collateral at value - securities loaned		(6,500)		(6,500)
Total	\$ 24	\$ (403,500)		\$ (403,476)

There were no transfers between levels during the six months ended April 30, 2013.

See Notes to Financial Statements.

Table of Contents**Schedule of Investments** April 30, 2013 (Unaudited)**BlackRock Enhanced Capital and Income Fund, Inc. (CII)**
(Percentages shown are based on Net Assets)

	Shares	Value
Common Stocks		
Airlines 5.2%		
Japan Airlines Co. Ltd.	660,500	\$ 33,470,483
Automobiles 2.8%		
Ford Motor Co. (a)	282,600	3,874,446
General Motors Co. (a)(b)	274,800	8,474,832
Renault SA	76,000	5,245,129
		17,594,407
Beverages 0.6%		
PepsiCo, Inc.	48,100	3,966,807
Capital Markets 0.7%		
Legg Mason, Inc. (a)	139,900	4,457,214
Chemicals 4.1%		
CF Industries Holdings, Inc. (a)	140,700	26,241,957
Commercial Banks 0.7%		
U.S. Bancorp (a)	134,100	4,462,848
Communications Equipment 2.5%		
QUALCOMM, Inc. (a)	258,400	15,922,608
Computers & Peripherals 3.1%		
Apple, Inc. (a)	45,400	20,100,850
Diversified Financial Services 4.2%		
Citigroup, Inc. (a)	174,330	8,134,238
JPMorgan Chase & Co. (a)	388,000	19,015,880
		27,150,118
Diversified Telecommunication Services 2.3%		
AT&T Inc. (a)	116,400	4,360,344
CenturyLink, Inc. (a)	272,800	10,249,096
		14,609,440
Electric Utilities 1.4%		
NextEra Energy, Inc.	52,900	4,339,387
The Southern Co.	99,900	4,818,177
		9,157,564
Energy Equipment & Services 3.6%		
Ensco Plc, Class A (a)	153,000	8,825,040
Halliburton Co. (a)	121,000	5,175,170
Noble Corp. (a)	240,800	9,030,000
		23,030,210
Food & Staples Retailing 1.2%		
Wal-Mart Stores, Inc. (a)	101,300	7,873,036
Food Products 1.5%		
Archer-Daniels-Midland Co. (a)	50,200	1,703,788
Unilever NV	181,500	7,710,120
		9,413,908
Health Care Providers & Services 3.0%		
Express Scripts Holding Co. (a)(b)	82,200	4,880,214
UnitedHealth Group, Inc.	239,500	14,353,235
		19,233,449
Household Products 1.2%		
Kimberly-Clark Corp. (a)	47,800	4,932,482
The Procter & Gamble Co. (a)	39,600	3,040,092

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

		7,972,574
Industrial Conglomerates 1.8%		
General Electric Co. (a)	519,900	11,588,571
Insurance 8.1%		
The Allstate Corp.	185,200	9,122,952
American International Group, Inc. (a)(b)	816,100	33,802,861
Berkshire Hathaway, Inc., Class B (b)	47,800	5,082,096
Prudential Financial, Inc.	33,700	2,036,154
Common Stocks	Shares	Value
Insurance (concluded)		
The Travelers Cos., Inc.	21,200	\$ 1,810,692
		51,854,755
Internet Software & Services 8.2%		
Google, Inc., Class A (a)(b)	40,000	32,982,800
Yahoo!, Inc. (a)(b)	781,900	19,336,387
		52,319,187
IT Services 2.5%		
SAIC, Inc. (a)	1,059,000	15,821,460
Media 3.3%		
Comcast Corp., Special Class A (a)	306,600	12,046,314
Time Warner, Inc.	103,000	6,157,340
The Walt Disney Co. (a)	49,200	3,091,728
		21,295,382
Metals & Mining 0.9%		
Freeport-McMoRan Copper & Gold, Inc. (a)	184,700	5,620,421
Multi-Utilities 0.8%		
Dominion Resources, Inc.	82,800	5,107,104
Oil, Gas & Consumable Fuels 13.9%		
Chevron Corp. (a)	60,000	7,320,600
Exxon Mobil Corp. (a)	176,000	15,662,240
HollyFrontier Corp. (a)	416,000	20,571,200
Marathon Oil Corp. (a)	131,100	4,283,037
Marathon Petroleum Corp. (a)	73,900	5,790,804
PBF Energy, Inc. (a)	356,100	10,843,245
Suncor Energy, Inc. (a)	788,800	24,571,120
		89,042,246
Pharmaceuticals 9.4%		
Eli Lilly & Co.	129,800	7,188,324
Johnson & Johnson (a)	121,200	10,329,876
Merck & Co., Inc. (a)	455,200	21,394,400
Pfizer, Inc. (a)	721,100	20,962,377
		59,874,977
Real Estate Investment Trusts (REITs) 1.2%		
Annaly Capital Management, Inc. (a)	497,000	7,922,180
Software 0.5%		
Oracle Corp. (a)	96,100	3,150,158
Specialty Retail 1.0%		
L Brands, Inc. (a)	123,700	6,235,717
Wireless Telecommunication Services 4.6%		
Vodafone Group Plc ADR (a)	961,700	29,418,403
Total Long-Term Investments		
(Cost \$559,283,203) 94.3%		603,908,034
Short-Term Securities		
BlackRock Liquidity Funds, TempFund, Institutional Class, 0.08% (c)(d)	31,924,863	31,924,863
Total Short-Term Securities		
(Cost \$31,924,863) 5.0%		31,924,863
Total Investments Before Options Written		
(Cost \$591,208,066) 99.3%		635,832,897

See Notes to Financial Statements.

38

SEMI-ANNUAL REPORT

APRIL 30, 2013

Table of Contents**Schedule of Investments (continued)****BlackRock Enhanced Capital and Income Fund, Inc. (CII)**
(Percentages shown are based on Net Assets)

Options Written		Value
(Premiums Received \$7,424,954) (1.7)%		\$ (11,057,747)
Total Investments Net of Options Written 97.6%		624,775,150
Other Assets Less Liabilities 2.4%		15,131,668
Net Assets 100.0%		\$ 639,906,818

Notes to Schedule of Investments

(a) All or a portion of security has been pledged/segregated as collateral in connection with outstanding options written.

(b) Non-income producing security.

(c) Represents the current yield as of report date.

(d) Investments in issuers considered to be an affiliate of the Trust during the six months ended April 30, 2013, for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

Affiliate	Shares Held at October 31, 2012	Net Activity	Shares Held at April 30, 2013	Income	Realized Gain
BlackRock Liquidity Funds, TempFund, Institutional Class	23,189,440	8,735,423	31,924,863	\$ 15,738	\$ 347

For Trust compliance purposes, the Trust's industry classifications refer to any one or more of the industry sub-classifications used by one or more widely recognized market indexes or ratings group indexes, and/or as defined by Trust management. These definitions may not apply for purposes of this report, which may combine industry sub-classifications for reporting ease.

Exchange-traded options written as of April 30, 2013 were as follows:

Description	Put/ Call	Strike		Expiration Date	Contracts	Market Value
		Price	Price			
Exxon Mobil Corp.	Call	USD	90.00	5/03/13	300	\$ (914)
JPMorgan Chase & Co.	Call	USD	50.15	5/06/13	550	(3,987)
Comcast Corp., Special Class A	Call	USD	39.05	5/13/13	1,030	(79,593)
Wal-Mart Stores, Inc.	Call	USD	78.00	5/18/13	110	(9,621)
Annaly Capital Management, Inc.	Call	USD	16.00	5/20/13	1,060	(16,430)
Apple, Inc.	Call	USD	465.00	5/20/13	277	(75,206)
Archer-Daniels-Midland Co.	Call	USD	34.00	5/20/13	502	(37,650)
CenturyLink, Inc.	Call	USD	36.00	5/20/13	700	(136,500)
CenturyLink, Inc.	Call	USD	38.00	5/20/13	200	(12,500)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

CF Industries Holdings, Inc.	Call	USD	200.00	5/20/13	525	(56,175)
Chevron Corp.	Call	USD	120.00	5/20/13	330	(82,170)
Citigroup, Inc.	Call	USD	48.00	5/20/13	952	(35,700)
Comcast Corp., Special Class A	Call	USD	40.00	5/20/13	115	(5,462)
Enesco Plc, Class A	Call	USD	55.00	5/20/13	420	(130,200)
Express Scripts Holding Co.	Call	USD	60.00	5/20/13	226	(18,306)
Exxon Mobil Corp.	Call	USD	90.00	5/20/13	665	(23,275)
Freeport-McMoRan Copper & Gold, Inc.	Call	USD	31.00	5/20/13	508	(28,448)
General Motors Co.	Call	USD	29.00	5/20/13	1,510	(313,325)
Halliburton Co.	Call	USD	43.00	5/20/13	665	(60,515)
HollyFrontier Corp.	Call	USD	55.00	5/20/13	919	(25,272)
Johnson & Johnson	Call	USD	85.00	5/20/13	220	(23,540)
JPMorgan Chase & Co.	Call	USD	49.00	5/20/13	295	(21,978)
JPMorgan Chase & Co.	Call	USD	50.00	5/20/13	500	(17,250)
L Brands, Inc.	Call	USD	46.00	5/20/13	680	(306,000)
Legg Mason, Inc.	Call	USD	31.00	5/20/13	385	(47,162)
Legg Mason, Inc.	Call	USD	32.00	5/20/13	385	(22,138)
Marathon Oil Corp.	Call	USD	36.00	5/20/13	226	(678)
Marathon Petroleum Corp.	Call	USD	92.50	5/20/13	203	(2,030)
Merck & Co., Inc.	Call	USD	48.00	5/20/13	320	(12,320)

See Notes to Financial Statements.

SEMI-ANNUAL REPORT

APRIL 30, 2013

39

Table of Contents

Schedule of Investments (continued)

BlackRock Enhanced Capital and Income Fund, Inc. (CII)
(Percentages shown are based on Net Assets)

Exchange-traded options written as of April 30, 2013 were as follows: (concluded)

Description	Put/ Call	Strike		Expiration Date	Contracts	Market Value
		Price				
Noble Corp.	Call	USD	38.00	5/20/13	1,320	\$ (93,720)
Oracle Corp.	Call	USD	33.00	5/20/13	264	(10,824)
PBF Energy, Inc.	Call	USD	40.00	5/20/13	435	(4,350)
Pfizer, Inc.	Call	USD	31.00	5/20/13	295	(1,328)
QUALCOMM, Inc.	Call	USD	67.50	5/20/13	1,605	(8,828)
SAIC, Inc.	Call	USD	13.00	5/20/13	583	(109,312)
Suncor Energy, Inc.	Call	USD	31.00	5/20/13	1,017	(67,630)
Wal-Mart Stores, Inc.	Call	USD	77.50	5/20/13	222	(25,863)
The Walt Disney Co.	Call	USD	62.50	5/20/13	270	(42,525)
Yahoo!, Inc.	Call	USD	23.00	5/20/13	1,750	(318,500)
Ford Motor Co.	Call	USD	13.00	5/24/13	775	(56,575)
CF Industries Holdings, Inc.	Call	USD	190.00	6/10/13	389	(197,273)
American International Group, Inc.	Call	USD	41.00	6/12/13	900	(155,167)
Annaly Capital Management, Inc.	Call	USD	16.00	6/24/13	1,670	(46,760)
AT&T Inc.	Call	USD	38.00	6/24/13	100	(5,750)
CenturyLink, Inc.	Call	USD	38.00	6/24/13	200	(16,000)
Citigroup, Inc.	Call	USD	46.00	6/24/13	195	(39,098)
Comcast Corp., Special Class A	Call	USD	40.00	6/24/13	270	(23,625)
EnSCO Plc, Class A	Call	USD	57.50	6/24/13	420	(90,300)
Express Scripts Holding Co.	Call	USD	57.50	6/24/13	226	(68,930)
Freeport-McMoRan Copper & Gold, Inc.	Call	USD	32.00	6/24/13	508	(38,608)
General Electric Co.	Call	USD	24.00	6/24/13	311	(1,866)
Google, Inc., Class A	Call	USD	795.00	6/24/13	204	(823,140)
Google, Inc., Class A	Call	USD	800.00	6/24/13	16	(58,640)
HollyFrontier Corp.	Call	USD	50.00	6/24/13	607	(148,715)
HollyFrontier Corp.	Call	USD	54.00	6/24/13	34	(3,570)
Johnson & Johnson	Call	USD	85.00	6/24/13	220	(33,000)
Kimberly-Clark Corp.	Call	USD	105.00	6/24/13	137	(18,152)
Marathon Oil Corp.	Call	USD	31.00	6/24/13	495	(108,900)
Merck & Co., Inc.	Call	USD	48.00	6/24/13	320	(23,200)
Merck & Co., Inc.	Call	USD	49.00	6/24/13	333	(13,820)
Oracle Corp.	Call	USD	34.00	6/24/13	264	(13,596)
PBF Energy, Inc.	Call	USD	30.00	6/24/13	260	(61,750)
PBF Energy, Inc.	Call	USD	35.00	6/24/13	475	(29,688)
PBF Energy, Inc.	Call	USD	45.00	6/24/13	460	(4,600)
Pfizer, Inc.	Call	USD	31.00	6/24/13	420	(6,090)
Pfizer, Inc.	Call	USD	32.00	6/24/13	148	(1,036)
The Procter & Gamble Co.	Call	USD	82.50	6/24/13	108	(1,296)
Suncor Energy, Inc.	Call	USD	32.00	6/24/13	1,017	(66,105)
U.S. Bancorp	Call	USD	33.00	6/24/13	710	(60,350)
Vodafone Group Plc ADR	Call	USD	30.00	6/24/13	1,980	(257,400)
Wal-Mart Stores, Inc.	Call	USD	77.50	6/24/13	222	(37,296)
Yahoo!, Inc.	Call	USD	24.00	6/24/13	1,275	(174,675)
AT&T Inc.	Call	USD	38.00	7/20/13	100	(7,200)
Ford Motor Co.	Call	USD	13.80	7/20/13	776	(41,244)
Comcast Corp., Special Class A	Call	USD	40.00	7/22/13	270	(29,025)
The Procter & Gamble Co.	Call	USD	82.50	7/22/13	108	(2,700)
Yahoo!, Inc.	Call	USD	25.00	7/22/13	1,275	(145,988)
Total						\$ (5,198,353)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

See Notes to Financial Statements.

40

SEMI-ANNUAL REPORT

APRIL 30, 2013

Table of Contents**Schedule of Investments (continued)****BlackRock Enhanced Capital and Income Fund, Inc. (CII)**

Over-the-counter options written as of April 30, 2013 were as follows:

Description	Counterparty	Put/ Call	Strike		Expiration Date	Contracts	Market Value
			Price				
The Travelers Cos., Inc.	Goldman Sachs & Co.	Call	USD	83.88	5/02/13	21,200	\$ (32,436)
General Electric Co.	Credit Suisse First Boston	Call	USD	23.27	5/06/13	254,800	(500)
Prudential Financial, Inc.	Credit Suisse First Boston	Call	USD	59.94	5/06/13	5,000	(5,478)
The Southern Co.	Morgan Stanley & Co., Inc.	Call	USD	45.41	5/06/13	27,500	(77,550)
CenturyLink, Inc.	Citigroup Global Markets, Inc.	Call	USD	35.63	5/09/13	94,800	(189,069)
Merck & Co., Inc.	Credit Suisse First Boston	Call	USD	45.13	5/09/13	76,500	(147,212)
American International Group, Inc.	Morgan Stanley & Co., Inc.	Call	USD	39.31	5/13/13	318,000	(764,934)
Pfizer, Inc.	Credit Suisse First Boston	Call	USD	28.97	5/13/13	177,200	(61,162)
U.S. Bancorp	Morgan Stanley & Co., Inc.	Call	USD	34.34	5/13/13	17,500	(410)
NextEra Energy, Inc.	Goldman Sachs & Co.	Call	USD	74.64	5/14/13	10,600	(78,334)
Japan Airlines Co. Ltd.	Citigroup Global Markets, Inc.	Call	JPY	4,345.20	5/22/13	300,000	(1,830,435)
Merck & Co., Inc.	Credit Suisse First Boston	Call	USD	45.13	5/23/13	76,500	(161,870)
Vodafone Group Plc - ADR	Citigroup Global Markets, Inc.	Call	USD	29.39	5/28/13	331,000	(522,092)
Kimberly-Clark Corp.	Credit Suisse First Boston	Call	USD	100.72	5/29/13	12,500	(44,607)
Time Warner, Inc.	Goldman Sachs & Co.	Call	USD	57.02	5/30/13	48,100	(161,087)
Dominion Resources, Inc.	Morgan Stanley & Co., Inc.	Call	USD	56.94	5/31/13	22,600	(107,124)
Pfizer, Inc.	Citigroup Global Markets, Inc.	Call	USD	29.23	5/31/13	93,000	(34,106)
The Allstate Corp.	Deutsche Bank Securities Corp.	Call	USD	50.35	6/03/13	53,300	(26,522)
Unilever NV	UBS Securities LLC	Call	USD	41.27	6/03/13	56,000	(68,074)
Renault SA	Citigroup Global Markets, Inc.	Call	EUR	49.98	6/04/13	41,800	(156,722)
PepsiCo, Inc.	Deutsche Bank Securities Corp.	Call	USD	79.99	6/05/13	26,400	(70,855)
The Southern Co.	Citigroup Global Markets, Inc.	Call	USD	47.14	6/05/13	27,400	(29,948)
UnitedHealth Group, Inc.	Citigroup Global Markets, Inc.	Call	USD	62.67	6/05/13	131,700	(52,996)
SAIC, Inc.	Barclays Bank	Call	USD	14.20	6/06/13	274,500	(238,923)
NextEra Energy, Inc.	Morgan Stanley & Co., Inc.	Call	USD	77.39	6/07/13	18,400	(85,376)
Suncor Energy, Inc.	Deutsche Bank Securities Corp.	Call	USD	29.10	6/09/13	112,000	(271,748)
Marathon Petroleum Corp.	Credit Suisse First Boston	Call	USD	82.19	6/10/13	20,300	(37,340)
AT&T Inc.	Citigroup Global Markets, Inc.	Call	USD	38.90	6/12/13	44,000	(8,270)
Berkshire Hathaway, Inc., Class B	UBS Securities LLC	Call	USD	105.47	6/12/13	26,000	(72,334)
Unilever NV	Citigroup Global Markets, Inc.	Call	USD	42.01	6/12/13	27,000	(26,190)
SAIC, Inc.	Barclays Bank	Call	USD	14.18	6/14/13	165,500	(151,563)
The Allstate Corp.	Goldman Sachs & Co.	Call	USD	50.13	6/17/13	48,500	(35,253)
Time Warner, Inc.	Citigroup Global Markets, Inc.	Call	USD	60.20	6/18/13	8,500	(12,161)
Eli Lilly & Co.	Morgan Stanley & Co., Inc.	Call	USD	56.06	6/19/13	71,400	(63,832)
JPMorgan Chase & Co.	Morgan Stanley & Co., Inc.	Call	USD	49.50	6/27/13	121,600	(123,554)
Prudential Financial, Inc.	Morgan Stanley & Co., Inc.	Call	USD	57.67	7/08/13	17,200	(63,269)
Dominion Resources, Inc.	Morgan Stanley & Co., Inc.	Call	USD	61.71	7/09/13	23,000	(16,445)
PBF Energy, Inc.	Morgan Stanley & Co., Inc.	Call	USD	34.53	7/09/13	32,800	(29,613)
Total							\$ (5,859,394)

Fair Value Measurements Various inputs are used in determining the fair value of investments and derivative financial instruments. These inputs to valuation techniques are categorized into a disclosure hierarchy consisting of three broad levels for financial statement purposes as follows:

Level 1 unadjusted price quotations in active markets/exchanges for identical assets and liabilities that the Trust has the ability to access

Level 2 other observable inputs (including, but not limited to, quoted prices for similar assets or liabilities in markets that are active, quoted prices for identical or similar assets or liabilities in markets that are not active, inputs other than quoted prices that are observable for the assets or liabilities (such as interest rates, yield curves, volatilities, prepayment speeds, loss severities, credit risks and default rates) or other

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

market-corroborated inputs)

Level 3 unobservable inputs based on the best information available in the circumstances, to the extent observable inputs are not available (including the Trust's own assumptions used in determining the fair value of investments and derivative financial instruments). The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). Accordingly, the degree of judgment exercised in determining fair value is greatest for instruments categorized in Level 3. The inputs

See Notes to Financial Statements.

SEMI-ANNUAL REPORT

APRIL 30, 2013

41

Table of Contents**Schedule of Investments (concluded)****BlackRock Enhanced Capital and Income Fund, Inc. (CII)**

used to measure fair value may fall into different levels of the fair value hierarchy. In such cases, for disclosure purposes, the level in the fair value hierarchy within which the fair value measurement falls in its entirety is determined based on the lowest level input that is significant to the fair value measurement in its entirety.

Changes in valuation techniques may result in transfers into or out of an assigned level within the disclosure hierarchy. In accordance with the Trust's policy, transfers between different levels of the fair value disclosure hierarchy are deemed to have occurred as of the beginning of the reporting period. The categorization of a value determined for investments and derivative financial instruments is based on the pricing transparency of the investment and derivative financial instrument and is not necessarily an indication of the risks associated with investing in those securities. For information about the Trust's policy regarding valuation of investments and derivative financial instruments and other significant accounting policies, please refer to Note 1 of the Notes to Financial Statements

The following tables summarize the Trust's investments and derivative financial instruments categorized in the disclosure hierarchy as of April 30, 2013:

	Level 1	Level 2	Level 3	Total
Assets:				
Investments:				
Long-Term Investments:				
Common Stocks ¹	\$ 598,662,905	\$ 5,245,129		\$ 603,908,034
Short-Term Securities	31,924,863			31,924,863
Total	\$ 630,587,768	5,245,129		\$ 635,832,897

¹ See above Schedule of Investments for values in each industry excluding Level 2, Automobiles, within the table.

	Level 1	Level 2	Level 3	Total
Derivative Financial Instruments ²				
Liabilities:				
Equity contracts	\$ (4,710,552)	\$ (6,347,195)		\$ (11,057,747)

² Derivative financial instruments are options written, which are shown at value. Certain of the Trust's assets and liabilities are held at carrying amount, which approximates fair value for financial statement purposes. As of April 30, 2013, such assets and liabilities are categorized within the disclosure hierarchy as follows:

	Level 1	Level 2	Level 3	Total
Assets:				
Foreign currency at value	\$ 6,104			\$ 6,104
Cash pledged as collateral for options written	900,000			900,000
Liabilities:				
Bank overdraft		\$ (2,951,603)		(2,951,603)
Total	\$ 906,104	\$ (2,951,603)		\$ (2,045,499)

There were no transfers between levels during the six months ended April 30, 2013.

See Notes to Financial Statements.

Table of Contents**Schedule of Investments** April 30, 2013 (Unaudited)**BlackRock Enhanced Equity Dividend Trust (BDJ)**
(Percentages shown are based on Net Assets)

	Shares	Value
Common Stocks		
Aerospace & Defense 5.0%		
Honeywell International, Inc.	221,000	\$ 16,252,340
Northrop Grumman Corp.	189,100	14,322,434
Raytheon Co. (a)	341,800	20,979,684
Rockwell Collins, Inc.	50,800	3,196,336
United Technologies Corp. (a)	253,300	23,123,757
		77,874,551
Air Freight & Logistics 1.0%		
United Parcel Service, Inc., Class B (a)	184,700	15,854,648
Auto Components 0.4%		
Johnson Controls, Inc. (a)	192,000	6,721,920
Beverages 2.5%		
The Coca-Cola Co. (a)	457,000	19,344,810
Diageo Plc ADR (a)	156,300	19,099,860
		38,444,670
Building Products 0.1%		
Masco Corp. (a)	65,100	1,265,544
Chemicals 3.0%		
The Dow Chemical Co.	248,300	8,419,853
EI du Pont de Nemours & Co.	415,200	22,632,552
Olin Corp.	213,600	5,162,712
Praxair, Inc.	92,500	10,572,750
		46,787,867
Commercial Banks 7.9%		
Bank of Nova Scotia (a)	254,200	14,657,281
Fifth Third Bancorp (a)	725,200	12,350,156
M&T Bank Corp. (a)	35,000	3,507,000
SunTrust Banks, Inc.	404,100	11,819,925
The Toronto-Dominion Bank	180,000	14,742,000
U.S. Bancorp (a)	644,500	21,448,960
Wells Fargo & Co. (a)	1,187,300	45,093,654
		123,618,976
Consumer Finance 1.2%		
American Express Co. (a)	274,800	18,799,068
Diversified Financial Services 3.8%		
Citigroup, Inc. (a)	265,400	12,383,564
JPMorgan Chase & Co. (a)	954,500	46,780,045
		59,163,609
Diversified Telecommunication Services 3.7%		
AT&T Inc. (a)	533,100	19,969,926
BCE, Inc.	112,100	5,253,006
Verizon Communications, Inc. (a)	605,000	32,615,550
		57,838,482
Electric Utilities 2.9%		
American Electric Power Co., Inc.	156,000	8,023,080
Duke Energy Corp. (a)	94,566	7,111,363
Edison International	135,700	7,300,660
ITC Holdings Corp. (a)	22,300	2,056,506
NextEra Energy, Inc. (a)	193,500	15,872,805
Northeast Utilities	38,520	1,746,112
PPL Corp. (a)	112,100	3,741,898

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

		45,852,424
Electrical Equipment 0.7%		
Brady Corp., Class A	111,700	3,784,396
Rockwell Automation, Inc. (a)	57,900	4,908,762
Roper Industries, Inc. (a)	14,900	1,782,785
		10,475,943
Energy Equipment & Services 0.5%		
Schlumberger Ltd. (a)	102,800	7,651,404
Common Stocks	Shares	Value
Food & Staples Retailing 0.6%		
Wal-Mart Stores, Inc. (a)	117,200	\$ 9,108,784
Food Products 3.8%		
General Mills, Inc. (a)	281,900	14,213,398
HJ Heinz Co.	109,978	7,964,607
Kraft Foods Group, Inc. (a)	146,895	7,563,624
Mondelez International, Inc. Class A (a)	509,985	16,039,028
Unilever NV	331,700	14,090,616
		59,871,273
Gas Utilities 0.1%		
Northwest Natural Gas Co. (a)	46,000	2,045,620
Health Care Providers & Services 0.5%		
Quest Diagnostics, Inc. (a)	123,700	6,968,021
Hotels, Restaurants & Leisure 1.5%		
McDonald's Corp.	233,600	23,859,904
Household Products 2.1%		
Kimberly-Clark Corp. (a)	136,450	14,080,276
The Procter & Gamble Co. (a)	242,000	18,578,340
		32,658,616
Industrial Conglomerates 3.1%		
3M Co. (a)	130,900	13,706,539
General Electric Co. (a)	1,573,600	35,075,544
		48,782,083
Insurance 4.5%		
ACE Ltd.	191,800	17,097,052
The Chubb Corp.	179,000	15,764,530
Prudential Financial, Inc. (a)	267,500	16,162,350
The Travelers Cos., Inc.	249,600	21,318,336
		70,342,268
IT Services 2.1%		
Automatic Data Processing, Inc. (a)	65,260	4,394,608
International Business Machines Corp. (a)	139,700	28,294,838
		32,689,446
Leisure Equipment & Products 0.9%		
Mattel, Inc. (a)	224,500	10,250,670
Polaris Industries, Inc. (a)	44,500	3,835,455
		14,086,125
Machinery 2.3%		
Deere & Co.	298,900	26,691,770
Graco, Inc.	22,000	1,331,660
Pentair Ltd.	148,400	8,065,540
		36,088,970
Media 2.7%		
Comcast Corp., Special Class A (a)	860,600	33,812,974
The Walt Disney Co. (a)	121,100	7,609,924
		41,422,898
Metals & Mining 2.5%		

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

BHP Billiton Ltd. ADR (a)	381,800	25,664,596
Newmont Mining Corp. (a)	264,800	8,579,520
Southern Copper Corp. (a)	150,377	5,012,065
		39,256,181
Multi-Utilities 2.6%		
Dominion Resources, Inc. (a)	253,600	15,642,048
Public Service Enterprise Group, Inc.	283,200	10,367,952
Sempra Energy	92,200	7,638,770
Wisconsin Energy Corp.	156,600	7,037,604
		40,686,374

See Notes to Financial Statements.

SEMI-ANNUAL REPORT

APRIL 30, 2013

43

Table of Contents

Schedule of Investments (continued)

BlackRock Enhanced Equity Dividend Trust (BDJ)
(Percentages shown are based on Net Assets)

	Shares	Value
Common Stocks		
Oil, Gas & Consumable Fuels 12.9%		
Chevron Corp. (a)	403,350	\$ 49,212,732
ConocoPhillips (a)	127,560	7,711,002
Enbridge, Inc. (a)	485,200	23,088,479
Exxon Mobil Corp. (a)	356,800	31,751,632
Kinder Morgan, Inc.	304,100	11,890,310
Marathon Oil Corp. (a)	375,800	12,277,386
Marathon Petroleum Corp. (a)	176,600	13,838,376
Occidental Petroleum Corp.	178,300	15,915,058
Phillips 66 (a)	82,550	5,031,424
Royal Dutch Shell Plc ADR (a)	59,400	4,037,418
Spectra Energy Corp.	215,400	6,791,562
Total SA ADR (a)	402,100	20,201,504
		201,746,883
Paper & Forest Products 0.7%		
MeadWestvaco Corp. (a)	291,600	10,054,368
Pharmaceuticals 7.6%		
Abbott Laboratories (a)	146,700	5,416,164
AbbVie, Inc. (a)	148,900	6,856,845
Bristol-Myers Squibb Co. (a)	564,400	22,417,968
Johnson & Johnson (a)	234,400	19,977,912
Merck & Co., Inc. (a)	644,700	30,300,900
Pfizer, Inc. (a)	1,142,200	33,203,754
		118,173,543
Real Estate Investment Trusts (REITs) 1.1%		
American Tower Corp. (a)	76,900	6,458,831
Liberty Property Trust	31,000	1,332,690
Sovran Self Storage, Inc.	16,980	1,164,828
Tanger Factory Outlet Centers	28,900	1,072,768
Weyerhaeuser Co. (a)	233,100	7,111,881
		17,140,998
Road & Rail 0.8%		
Union Pacific Corp. (a)	87,600	12,961,296
Semiconductors & Semiconductor Equipment 1.0%		
Intel Corp. (a)	633,000	15,160,350
Common Stocks	Shares	Value
Software 1.4%		
Microsoft Corp. (a)	666,200	\$ 22,051,220
Specialty Retail 2.3%		
The Home Depot, Inc. (a)	486,000	35,648,100
Textiles, Apparel & Luxury Goods 1.4%		
VF Corp.	120,100	21,404,222
Tobacco 3.3%		
Altria Group, Inc. (a)	246,500	8,999,715
Lorillard, Inc. (a)	291,800	12,515,302
Philip Morris International, Inc. (a)	319,700	30,560,123
		52,075,140
Water Utilities 0.7%		
American Water Works Co., Inc.	252,000	10,553,760
Total Long-Term Investments		
(Cost \$1,281,152,986) 95.2%		1,485,185,549

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

Short-Term Securities

BlackRock Liquidity Funds, TempFund, Institutional Class, 0.08% (b)(c)	76,237,084	76,237,084
Total Short-Term Securities		
(Cost \$76,237,084) 4.9%		76,237,084
Total Investments Before Options Written		
(Cost \$1,357,390,070) 100.1%		1,561,422,633
Options Written		
(Premiums Received \$14,999,846) (1.7)%		(25,826,639)
Total Investments Net of Options Written 98.4%		1,535,595,994
Other Assets Less Liabilities 1.6%		24,538,560
Net Assets 100.0%		\$ 1,560,134,554

Notes to Schedule of Investments

(a) All or a portion of security has been pledged/segregated as collateral in connection with outstanding options written.

(b) Represents the current yield as of report date.

(c) Investments in issuers considered to be an affiliate of the Trust during the six months ended April 30, 2013, for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

Affiliate	Shares/ Beneficial Interest Held at October 31, 2012	Net Activity	Shares/ Beneficial Interest Held at April 30, 2013	Income	Realized Gain
BlackRock Liquidity Funds, TempFund, Institutional Class	112,624,435	(36,387,351)	76,237,084	\$ 50,687	\$ 660
BlackRock Liquidity Series, LLC Money Market Series	\$ 4,054,445	\$ (4,054,445)		\$ 202	

Foreign currency exchange contracts as of April 30, 2013 were as follows:

Currency

Purchased	Currency Sold	Counterparty	Settlement Date	Unrealized Depreciation
USD 123,240	CAD 125,000	Goldman Sachs & Co.	5/01/13	\$ (836)

See Notes to Financial Statements.

Table of Contents**Schedule of Investments (continued)****BlackRock Enhanced Equity Dividend Trust (BDJ)**

For Trust compliance purposes, the Trust's industry classifications refer to any one or more of the industry sub-classifications used by one or more widely recognized market indexes or ratings group indexes, and/or as defined by Trust management. These definitions may not apply for purposes of this report, which may combine industry sub-classifications for reporting ease.

Exchange-traded options written as of April 30, 2013 were as follows:

Description	Put/ Call	Strike		Expiration Date	Contracts	Market	
		Price				Value	
Quest Diagnostics, Inc.	Call	USD	57.50	5/02/13	635	\$	(1,976)
Exxon Mobil Corp.	Call	USD	90.00	5/03/13	657		(2,001)
American Express Co.	Call	USD	65.85	5/06/13	1,462		(375,692)
JPMorgan Chase & Co.	Call	USD	50.15	5/06/13	1,900		(13,775)
Rockwell Automation, Inc.	Call	USD	90.00	5/06/13	175		(51)
Duke Energy Corp.	Call	USD	70.85	5/07/13	95		(41,325)
Mattel, Inc.	Call	USD	43.00	5/07/13	103		(27,398)
Comcast Corp., Special Class A	Call	USD	39.05	5/13/13	1,540		(119,003)
PPL Corp.	Call	USD	31.50	5/13/13	51		(9,588)
Northwest Natural Gas Co.	Call	USD	44.00	5/15/13	230		(36,061)
Raytheon Co.	Call	USD	56.50	5/15/13	166		(81,008)
American Tower Corp.	Call	USD	77.00	5/18/13	212		(148,188)
Microsoft Corp.	Call	USD	28.20	5/18/13	635		(311,150)
Total SA ADR	Call	USD	50.65	5/18/13	140		(8,261)
Verizon Communications, Inc.	Call	USD	49.10	5/18/13	2,730		(1,313,130)
American Tower Corp.	Call	USD	80.00	5/20/13	195		(82,875)
Bank of Nova Scotia	Call	CAD	59.50	5/20/13	1,353		(16,116)
BHP Billiton Ltd. ADR	Call	USD	67.50	5/20/13	154		(21,329)
BHP Billiton Ltd. ADR	Call	USD	75.00	5/20/13	1,945		(13,615)
Comcast Corp., Special Class A	Call	USD	41.00	5/20/13	434		(8,680)
Dominion Resources, Inc.	Call	USD	57.50	5/20/13	75		(31,875)
Enbridge, Inc.	Call	CAD	48.00	5/20/13	191		(8,911)
Exxon Mobil Corp.	Call	USD	90.00	5/20/13	1,240		(43,400)
Fifth Third Bancorp	Call	USD	16.00	5/20/13	1,826		(193,556)
General Electric Co.	Call	USD	24.00	5/20/13	2,556		(3,834)
General Mills, Inc.	Call	USD	49.00	5/20/13	1,400		(226,800)
International Business Machines Corp.	Call	USD	215.00	5/20/13	230		(2,070)
Johnson & Johnson	Call	USD	85.00	5/20/13	495		(52,965)
Johnson Controls, Inc.	Call	USD	36.00	5/20/13	355		(7,988)
JPMorgan Chase & Co.	Call	USD	49.00	5/20/13	1,427		(106,312)
JPMorgan Chase & Co.	Call	USD	50.00	5/20/13	1,382		(47,679)
Lorillard, Inc.	Call	USD	40.00	5/20/13	1,520		(462,840)
Marathon Oil Corp.	Call	USD	36.00	5/20/13	720		(2,160)
Marathon Petroleum Corp.	Call	USD	92.50	5/20/13	269		(2,690)
Masco Corp.	Call	USD	21.00	5/20/13	651		(4,883)
Merck & Co., Inc.	Call	USD	48.00	5/20/13	302		(11,627)
Merck & Co., Inc.	Call	USD	49.00	5/20/13	615		(9,840)
Mondelez International, Inc. Class A	Call	USD	29.00	5/20/13	794		(214,380)
Newmont Mining Corp.	Call	USD	43.00	5/20/13	1,410		(2,820)
Pfizer, Inc.	Call	USD	31.00	5/20/13	680		(3,060)
Philip Morris International, Inc.	Call	USD	92.50	5/20/13	851		(289,340)
Phillips 66	Call	USD	67.50	5/20/13	194		(4,850)
Phillips 66	Call	USD	70.00	5/20/13	260		(3,250)
Polaris Industries, Inc.	Call	USD	85.00	5/20/13	445		(125,713)
Rockwell Automation, Inc.	Call	USD	85.00	5/20/13	143		(15,730)
Schlumberger Ltd.	Call	USD	77.50	5/20/13	546		(17,472)
Southern Copper Corp.	Call	USD	37.00	5/20/13	180		(900)
United Technologies Corp.	Call	USD	92.50	5/20/13	607		(33,689)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

See Notes to Financial Statements.

SEMI-ANNUAL REPORT

APRIL 30, 2013

45

Table of Contents**Schedule of Investments (continued)****BlackRock Enhanced Equity Dividend Trust (BDJ)**

Exchange-traded options written as of April 30, 2013 were as follows: (continued)

Description	Put/ Call	Strike		Expiration Date	Contracts	Market Value
		Price				
United Technologies Corp.	Call	USD	95.00	5/20/13	72	\$ (756)
The Walt Disney Co.	Call	USD	62.50	5/20/13	475	(74,813)
Wells Fargo & Co.	Call	USD	37.00	5/20/13	3,420	(362,520)
Weyerhaeuser Co.	Call	USD	31.00	5/20/13	910	(29,575)
3M Co.	Call	USD	107.50	5/22/13	71	(2,862)
Royal Dutch Shell Plc ADR	Call	USD	66.00	5/22/13	55	(10,860)
United Parcel Service, Inc., Class B	Call	USD	86.00	5/23/13	975	(107,071)
ConocoPhillips	Call	USD	60.50	5/24/13	54	(4,079)
Verizon Communications, Inc.	Call	USD	51.00	5/30/13	340	(105,380)
Diageo Plc ADR	Call	USD	121.00	6/03/13	290	(79,499)
Kraft Foods Group, Inc.	Call	USD	52.50	6/03/13	269	(12,859)
General Mills, Inc.	Call	USD	50.50	6/05/13	150	(11,183)
MeadWestvaco Corp.	Call	USD	35.50	6/05/13	285	(15,779)
NextEra Energy, Inc.	Call	USD	80.75	6/07/13	62	(10,035)
Abbott Laboratories	Call	USD	35.50	6/10/13	62	(10,562)
M&T Bank Corp.	Call	USD	99.75	6/10/13	192	(34,552)
United Technologies Corp.	Call	USD	95.00	6/10/13	714	(26,415)
The Coca-Cola Co.	Call	USD	43.00	6/12/13	1,895	(81,219)
ITC Holdings Corp.	Call	USD	91.25	6/12/13	25	(5,809)
Roper Industries, Inc.	Call	USD	123.75	6/13/13	149	(16,346)
ConocoPhillips	Call	USD	58.25	6/18/13	650	(145,738)
Fifth Third Bancorp	Call	USD	16.40	6/18/13	2,160	(182,667)
Altria Group, Inc.	Call	USD	35.00	6/24/13	72	(12,528)
Altria Group, Inc.	Call	USD	36.00	6/24/13	1,283	(129,583)
AT&T Inc.	Call	USD	38.00	6/24/13	843	(48,473)
Automatic Data Processing, Inc.	Call	USD	67.50	6/24/13	29	(3,698)
Bristol-myers Squibb Co.	Call	USD	42.00	6/24/13	1,216	(33,440)
Citigroup, Inc.	Call	USD	46.00	6/24/13	1,460	(292,730)
Comcast Corp., Special Class A	Call	USD	40.00	6/24/13	1,380	(120,750)
General Electric Co.	Call	USD	24.00	6/24/13	1,623	(9,738)
The Home Depot, Inc.	Call	USD	77.50	6/24/13	145	(6,815)
Intel Corp.	Call	USD	22.00	6/24/13	3,430	(673,995)
International Business Machines Corp.	Call	USD	190.00	6/24/13	538	(696,710)
Johnson & Johnson	Call	USD	85.00	6/24/13	495	(74,250)
Johnson Controls, Inc.	Call	USD	33.00	6/24/13	700	(162,750)
Kimberly-Clark Corp.	Call	USD	105.00	6/24/13	65	(8,613)
Marathon Oil Corp.	Call	USD	31.00	6/24/13	1,346	(296,120)
Mattel, Inc.	Call	USD	45.00	6/24/13	554	(74,790)
Merck & Co., Inc.	Call	USD	48.00	6/24/13	302	(21,895)
Merck & Co., Inc.	Call	USD	49.00	6/24/13	316	(13,114)
Microsoft Corp.	Call	USD	30.00	6/24/13	1,090	(346,075)
Northwest Natural Gas Co.	Call	USD	45.00	6/24/13	230	(14,950)
Pfizer, Inc.	Call	USD	31.00	6/24/13	340	(4,930)
Pfizer, Inc.	Call	USD	32.00	6/24/13	340	(2,380)
Philip Morris International, Inc.	Call	USD	92.50	6/24/13	851	(348,910)
The Procter & Gamble Co.	Call	USD	82.50	6/24/13	665	(7,980)
Prudential Financial, Inc.	Call	USD	62.50	6/24/13	204	(21,624)
Quest Diagnostics, Inc.	Call	USD	60.00	6/24/13	45	(2,250)
Raytheon Co.	Call	USD	60.00	6/24/13	150	(33,825)
Southern Copper Corp.	Call	USD	33.00	6/24/13	650	(94,250)
U.S. Bancorp	Call	USD	33.00	6/24/13	1,650	(140,250)

See Notes to Financial Statements.

Table of Contents**Schedule of Investments (continued)****BlackRock Enhanced Equity Dividend Trust (BDJ)**

Exchange-traded options written as of April 30, 2013 were as follows: (concluded)

Description	Put/ Call	Strike		Expiration Date	Contracts	Market	
		Price				Value	
Union Pacific Corp.	Call	USD	150.00	6/24/13	481	\$	(134,199)
Wal-mart Stores, Inc.	Call	USD	80.00	6/24/13	644		(44,436)
The Walt Disney Co.	Call	USD	60.00	6/24/13	42		(16,170)
The Walt Disney Co.	Call	USD	62.50	6/24/13	150		(33,075)
Weyerhaeuser Co.	Call	USD	31.00	6/24/13	372		(26,040)
AbbVie, Inc.	Call	USD	45.50	6/26/13	78		(16,274)
AT&T Inc.	Call	USD	38.00	7/20/13	843		(60,696)
Comcast Corp., Special Class A	Call	USD	40.00	7/22/13	1,380		(148,350)
Microsoft Corp.	Call	USD	31.00	7/22/13	1,963		(486,824)
The Procter & Gamble Co.	Call	USD	82.50	7/22/13	665		(16,625)
Total							\$ (10,572,540)

Over-the-counter options written as of April 30, 2013 were as follows:

Description	Counterparty	Put/ Call	Strike		Expiration Date	Contracts	Market	
			Price				Value	
MeadWestvaco Corp.	Credit Suisse First Boston	Call	USD	36.41	5/02/13	67,600	\$	(11)
Olin Corp.	Morgan Stanley & Co., Inc.	Call	USD	24.48	5/02/13	60,500		(2,012)
The Travelers Cos., Inc.	Goldman Sachs & Co.	Call	USD	83.88	5/02/13	137,100		(209,763)
American Water Works Co., Inc.	Deutsche Bank Securities Corp.	Call	USD	39.88	5/03/13	27,000		(54,054)
Chevron Corp.	Goldman Sachs & Co.	Call	USD	118.99	5/03/13	140,000		(422,800)
Diageo Plc ADR	Goldman Sachs & Co.	Call	USD	119.80	5/03/13	57,000		(137,322)
Edison International	Morgan Stanley & Co., Inc.	Call	USD	51.10	5/03/13	11,000		(29,700)
EI du Pont de Nemours & Co.	Barclays Bank	Call	USD	49.54	5/03/13	105,500		(524,230)
Graco, Inc.	Citigroup Global Markets, Inc.	Call	USD	58.94	5/03/13	22,000		(35,186)
Liberty Property Trust	Barclays Bank	Call	USD	39.33	5/03/13	31,000		(113,584)
Rockwell Collins, Inc.	Morgan Stanley & Co., Inc.	Call	USD	64.19	5/03/13	27,900		(562)
VF Corp.	Citigroup Global Markets, Inc.	Call	USD	168.00	5/03/13	63,900		(652,802)
American Electric Power Co., Inc.	Morgan Stanley & Co., Inc.	Call	USD	48.18	5/06/13	81,300		(264,225)
General Electric Co.	Credit Suisse First Boston	Call	USD	23.27	5/06/13	240,300		(472)
PPL Corp.	Morgan Stanley & Co., Inc.	Call	USD	31.25	5/06/13	27,000		(57,510)
Prudential Financial, Inc.	Credit Suisse First Boston	Call	USD	59.94	5/06/13	85,500		(93,668)
Wisconsin Energy Corp.	Morgan Stanley & Co., Inc.	Call	USD	40.85	5/06/13	78,800		(322,292)
Mattel, Inc.	Morgan Stanley & Co., Inc.	Call	USD	41.10	5/07/13	57,700		(263,112)
Sempra Energy	Credit Suisse First Boston	Call	USD	76.51	5/07/13	30,900		(195,906)
Public Service Enterprise Group, Inc.	Morgan Stanley & Co., Inc.	Call	USD	32.25	5/08/13	41,500		(180,940)
American Water Works Co., Inc.	Citigroup Global Markets, Inc.	Call	USD	40.38	5/09/13	38,000		(57,914)
The Chubb Corp.	Credit Suisse First Boston	Call	USD	87.10	5/09/13	59,700		(83,464)
Merck & Co., Inc.	Credit Suisse First Boston	Call	USD	45.13	5/09/13	100,500		(193,396)
Northeast Utilities	UBS Securities LLC	Call	USD	42.63	5/09/13	38,500		(103,950)
Sovran Self Storage, Inc.	Citigroup Global Markets, Inc.	Call	USD	62.16	5/09/13	16,980		(109,436)
Tanger Factory Outlet Centers	Citigroup Global Markets, Inc.	Call	USD	35.71	5/09/13	28,900		(45,165)
Brady Corp., Class A	Citigroup Global Markets, Inc.	Call	USD	34.61	5/10/13	50,300		(6,094)
Brady Corp., Class A	Deutsche Bank Securities Corp.	Call	USD	34.25	5/10/13	28,000		(6,136)
Brady Corp., Class A	Deutsche Bank Securities Corp.	Call	USD	34.70	5/10/13	33,400		(3,402)
Northrop Grumman Corp.	Morgan Stanley & Co., Inc.	Call	USD	68.72	5/13/13	100,600		(706,212)
Pfizer, Inc.	Credit Suisse First Boston	Call	USD	28.97	5/13/13	239,600		(82,700)
PPL Corp.	UBS Securities LLC	Call	USD	30.73	5/13/13	27,500		(72,875)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

U.S. Bancorp	Morgan Stanley & Co., Inc.	Call	USD	34.34	5/13/13	174,300	(4,082)
Edison International	Citigroup Global Markets, Inc.	Call	USD	50.81	5/14/13	11,100	(33,178)
Edison International	Goldman Sachs & Co.	Call	USD	51.18	5/14/13	32,000	(84,742)

See Notes to Financial Statements.

SEMI-ANNUAL REPORT

APRIL 30, 2013

47

Table of Contents**Schedule of Investments (continued)****BlackRock Enhanced Equity Dividend Trust (BDJ)**

Over-the-counter options written as of April 30, 2013 were as follows: (continued)

Description	Counterparty	Put/ Call	Strike		Expiration Date	Contracts	Market Value
			Price				
American Water Works Co., Inc.	Citigroup Global Markets, Inc.	Call	USD	40.47	5/15/13	26,500	\$ (39,611)
Raytheon Co.	Morgan Stanley & Co., Inc.	Call	USD	57.57	5/15/13	156,100	(594,741)
Spectra Energy Corp.	Credit Suisse First Boston	Call	USD	30.50	5/15/13	118,500	(122,391)
Sempra Energy	Credit Suisse First Boston	Call	USD	77.31	5/22/13	14,500	(80,403)
SunTrust Banks, Inc.	Citigroup Global Markets, Inc.	Call	USD	28.92	5/22/13	215,000	(159,936)
The Coca-Cola Co.	Citigroup Global Markets, Inc.	Call	USD	39.31	5/23/13	61,700	(191,833)
Deere & Co.	Morgan Stanley & Co., Inc.	Call	USD	92.74	5/23/13	96,000	(80,315)
Enbridge, Inc.	Citigroup Global Markets, Inc.	Call	CAD	46.79	5/23/13	119,500	(155,179)
Merck & Co., Inc.	Credit Suisse First Boston	Call	USD	45.13	5/23/13	100,500	(212,652)
Chevron Corp.	JPMorgan Chase Securities	Call	USD	119.93	5/24/13	71,500	(188,621)
Occidental Petroleum Corp.	Citigroup Global Markets, Inc.	Call	USD	82.80	5/28/13	49,000	(335,061)
American Water Works Co., Inc.	Morgan Stanley & Co., Inc.	Call	USD	41.56	5/29/13	41,000	(37,819)
Kimberly-Clark Corp.	Credit Suisse First Boston	Call	USD	100.72	5/29/13	68,500	(244,445)
Royal Dutch Shell Plc ADR	Citigroup Global Markets, Inc.	Call	USD	67.62	5/29/13	27,100	(20,651)
Bristol-Myers Squibb Co.	Citigroup Global Markets, Inc.	Call	USD	39.41	5/30/13	188,800	(164,947)
The Home Depot, Inc.	Morgan Stanley & Co., Inc.	Call	USD	71.35	5/30/13	252,600	(592,701)
Kinder Morgan, Inc.	Credit Suisse First Boston	Call	USD	37.92	5/30/13	161,800	(236,906)
Automatic Data Processing, Inc.	Citigroup Global Markets, Inc.	Call	USD	64.09	5/31/13	32,900	(115,394)
Dominion Resources, Inc.	Morgan Stanley & Co., Inc.	Call	USD	56.94	5/31/13	50,500	(239,370)
Pfizer, Inc.	Citigroup Global Markets, Inc.	Call	USD	29.23	5/31/13	203,000	(74,446)
BCE, Inc.	Citigroup Global Markets, Inc.	Call	USD	46.36	6/03/13	9,700	(6,397)
BCE, Inc.	Credit Suisse First Boston	Call	USD	47.03	6/03/13	3,900	(1,316)
Kraft Foods Group, Inc.	Credit Suisse First Boston	Call	USD	51.76	6/03/13	48,000	(30,336)
Unilever NV	UBS Securities LLC	Call	USD	41.27	6/03/13	124,000	(150,735)
3M Co.	Credit Suisse First Boston	Call	USD	108.91	6/05/13	61,800	(14,247)
MeadWestvaco Corp.	Citigroup Global Markets, Inc.	Call	USD	36.44	6/05/13	64,300	(21,555)
Deere & Co.	Morgan Stanley & Co., Inc.	Call	USD	87.01	6/06/13	63,000	(220,790)
Edison International	Morgan Stanley & Co., Inc.	Call	USD	52.42	6/06/13	16,400	(30,157)
EI du Pont de Nemours & Co.	Credit Suisse First Boston	Call	USD	49.60	6/06/13	115,000	(564,650)
Enbridge, Inc.	Citigroup Global Markets, Inc.	Call	CAD	46.79	6/06/13	119,500	(156,368)
Mondelez International, Inc. Class A	Citigroup Global Markets, Inc.	Call	USD	30.68	6/06/13	53,000	(63,442)
Mondelez International, Inc. Class A	Morgan Stanley & Co., Inc.	Call	USD	30.70	6/06/13	148,000	(175,481)
Olin Corp.	Credit Suisse First Boston	Call	USD	25.45	6/06/13	57,000	(7,557)
NextEra Energy, Inc.	Morgan Stanley & Co., Inc.	Call	USD	77.39	6/07/13	100,200	(464,928)
Pentair Ltd.	Barclays Bank	Call	USD	53.50	6/07/13	66,800	(129,942)
Public Service Enterprise Group, Inc.	Credit Suisse First Boston	Call	USD	35.48	6/07/13	114,200	(131,648)
Abbott Laboratories	Citigroup Global Markets, Inc.	Call	USD	37.02	6/10/13	74,400	(55,877)
Marathon Petroleum Corp.	Credit Suisse First Boston	Call	USD	82.19	6/10/13	70,200	(129,127)
The Toronto-Dominion Bank	Citigroup Global Markets, Inc.	Call	USD	79.44	6/10/13	52,000	(147,773)
Total SA ADR	Morgan Stanley & Co., Inc.	Call	USD	47.14	6/10/13	207,100	(694,398)
Verizon Communications, Inc.	Credit Suisse First Boston	Call	USD	52.50	6/10/13	25,600	(47,119)
The Dow Chemical Co.	Morgan Stanley & Co., Inc.	Call	USD	30.98	6/11/13	136,500	(417,014)
AT&T Inc.	Citigroup Global Markets, Inc.	Call	USD	38.90	6/12/13	124,500	(23,399)
AbbVie, Inc.	Deutsche Bank Securities Corp.	Call	USD	41.77	6/14/13	50,200	(222,752)
BCE, Inc.	Citigroup Global Markets, Inc.	Call	USD	45.83	6/14/13	48,000	(49,536)
Occidental Petroleum Corp.	Citigroup Global Markets, Inc.	Call	USD	82.80	6/14/13	49,000	(336,741)
Praxair, Inc.	Morgan Stanley & Co., Inc.	Call	USD	111.35	6/14/13	50,800	(201,055)
ACE Ltd.	Morgan Stanley & Co., Inc.	Call	USD	89.59	6/17/13	105,500	(152,553)

See Notes to Financial Statements.

Table of Contents**Schedule of Investments (continued)****BlackRock Enhanced Equity Dividend Trust (BDJ)**

Over-the-counter options written as of April 30, 2013 were as follows: (concluded)

Description	Counterparty	Put/ Call	Strike		Expiration Date	Contracts	Market	
			Price				Value	
Wells Fargo & Co.	Citigroup Global Markets, Inc.	Call	USD	37.88	6/17/13	311,000	\$	(180,380)
Pentair Ltd.	Goldman Sachs & Co.	Call	USD	50.44	6/18/13	81,600		(358,501)
The Toronto-Dominion Bank	Morgan Stanley & Co., Inc.	Call	USD	79.73	6/18/13	47,000		(128,518)
Honeywell International, Inc.	Morgan Stanley & Co., Inc.	Call	USD	73.98	6/19/13	60,800		(69,494)
Sempra Energy	Goldman Sachs & Co.	Call	USD	79.97	6/19/13	3,600		(11,297)
AbbVie, Inc.	Citigroup Global Markets, Inc.	Call	USD	43.36	6/26/13	23,800		(79,855)
The Chubb Corp.	Citigroup Global Markets, Inc.	Call	USD	88.85	6/27/13	38,700		(48,283)
JPMorgan Chase & Co.	Morgan Stanley & Co., Inc.	Call	USD	49.50	6/27/13	54,000		(54,868)
McDonald's Corp.	Morgan Stanley & Co., Inc.	Call	USD	102.87	6/27/13	128,400		(163,174)
Wisconsin Energy Corp.	Deutsche Bank Securities Corp.	Call	USD	43.36	6/28/13	7,300		(12,015)
Kraft Foods Group, Inc.	Goldman Sachs & Co.	Call	USD	50.49	7/01/13	5,800		(10,455)
Duke Energy Corp.	Credit Suisse First Boston	Call	USD	75.88	7/08/13	42,600		(28,430)
Prudential Financial, Inc.	Morgan Stanley & Co., Inc.	Call	USD	57.67	7/08/13	41,200		(151,551)
Dominion Resources, Inc.	Morgan Stanley & Co., Inc.	Call	USD	61.71	7/09/13	81,400		(58,201)
General Electric Co.	Citigroup Global Markets, Inc.	Call	USD	22.38	7/09/13	207,200		(106,742)
Honeywell International, Inc.	Morgan Stanley & Co., Inc.	Call	USD	73.98	7/19/13	60,800		(105,123)
Total								\$ (15,254,099)

Fair Value Measurements Various inputs are used in determining the fair value of investments and derivative financial instruments. These inputs to valuation techniques are categorized into a disclosure hierarchy consisting of three broad levels for financial statement purposes as follows:

Level 1 unadjusted price quotations in active markets/exchanges for identical assets and liabilities that the Trust has the ability to access

Level 2 other observable inputs (including, but not limited to, quoted prices for similar assets or liabilities in markets that are active, quoted prices for identical or similar assets or liabilities in markets that are not active, inputs other than quoted prices that are observable for the assets or liabilities (such as interest rates, yield curves, volatilities, prepayment speeds, loss severities, credit risks and default rates) or other market-corroborated inputs)

Level 3 unobservable inputs based on the best information available in the circumstances, to the extent observable inputs are not available (including the Trust's own assumptions used in determining the fair value of investments and derivative financial instruments)

The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). Accordingly, the degree of judgment exercised in determining fair value is greatest for instruments categorized in Level 3. The inputs used to measure fair value may fall into different levels of the fair value hierarchy. In such cases, for disclosure purposes, the level in the fair value hierarchy within which the fair value measurement falls in its entirety is determined based on the lowest level input that is significant to the fair value measurement in its entirety.

Changes in valuation techniques may result in transfers into or out of an assigned level within the disclosure hierarchy. In accordance with the Trust's policy, transfers between different levels of the fair value disclosure hierarchy are deemed to have occurred as of the beginning of the reporting period. The categorization of a value determined for investments and derivative financial instruments is based on the pricing transparency of the investment and derivative financial instrument and is not necessarily an indication of the risks associated with investing in those securities. For information about the Trust's policy regarding valuation of investments and derivative financial instruments and other significant accounting policies, please refer to Note 1 of the Notes to Financial Statements.

The following tables summarize the Trust's investments and derivative financial instruments categorized in the disclosure hierarchy as of April 30, 2013:

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

	Level 1	Level 2	Level 3	Total
Assets:				
Investments:				
Long-Term Investments:				
Common Stocks ¹	\$ 1,485,185,549			\$ 1,485,185,549
Short-Term Securities		76,237,084		76,237,084
Total	\$ 1,561,422,633			\$ 1,561,422,633

¹ See above Schedule of Investments for values in each industry.

See Notes to Financial Statements.

SEMI-ANNUAL REPORT

APRIL 30, 2013

49

Table of Contents

Schedule of Investments (concluded)

BlackRock Enhanced Equity Dividend Trust (BDJ)

	Level 1	Level 2	Level 3	Total
Derivative Financial Instruments ²				
Liabilities:				
Equity contracts	\$ (7,204,739)	\$ (18,621,900)		\$ (25,826,639)
Foreign currency exchange contracts	(836)			(836)
Total	\$ (7,205,575)	\$ (18,621,900)		\$ (25,827,475)

² Derivative financial instruments are foreign currency exchange contracts and options written. Foreign currency exchange contracts are valued at the unrealized appreciation/ depreciation on the instrument and options written are shown at value.

Certain of the Trust's assets are held at carrying amount, which approximates fair value for financial statement purposes. As of April 30, 2013, such assets are categorized within the disclosure hierarchy as follows:

	Level 1	Level 2	Level 3	Total
Assets:				
Cash	\$ 5,897,424			\$ 5,897,424
Foreign currency at value	125,967			125,967
Cash pledged as collateral for options written	200,000			200,000
Total	\$ 6,223,391			\$ 6,223,391

There were no transfers between levels during the six months ended April 30, 2013.

See Notes to Financial Statements.

Table of Contents**Schedule of Investments** April 30, 2013 (Unaudited)**BlackRock Global Opportunities Equity Trust (BOE)**
(Percentages shown are based on Net Assets)

	Shares	Value
Common Stocks		
Argentina 0.4%		
Arcos Dorados Holdings, Inc., Class A (a)	312,400	\$ 4,254,888
Australia 0.2%		
CSL Ltd.	32,700	2,137,039
Belgium 1.0%		
Anheuser-Busch InBev NV	113,359	10,890,468
Cayman Islands 0.8%		
Eurasia Drilling Co. Ltd. GDR	238,736	9,334,578
France 4.8%		
AXA SA	513,100	9,608,633
BNP Paribas SA	139,380	7,771,540
Danone SA	121,000	9,228,450
LVMH Moet Hennessy Louis Vuitton SA	30,300	5,250,529
Sanofi	87,100	9,416,871
Technip SA	52,200	5,598,991
Valeo SA	96,400	5,598,673
		52,473,687
Germany 2.2%		
Deutsche Lufthansa AG	219,700	4,398,921
SAP AG ADR	129,300	10,324,605
Volkswagen AG, Preference Shares	45,400	9,219,769
		23,943,295
Hong Kong 1.3%		
AIA Group Ltd.	3,267,400	14,534,896
India 1.0%		
ICICI Bank Ltd.	285,800	6,206,366
Jubilant Foodworks Ltd. (b)	246,194	5,075,476
		11,281,842
Indonesia 3.4%		
Alam Sutera Realty Tbk PT	48,409,000	5,228,023
Bank Mandiri Persero Tbk PT	9,534,000	10,314,166
Global Mediacom Tbk PT	29,625,500	6,636,103
Matahari Department Store Tbk PT (b)	8,998,500	11,198,956
Tower Bersama Infrastructure Tbk PT (b)	6,797,100	3,953,479
		37,330,727
Italy 2.4%		
Banca Generali SpA	378,000	7,790,684
Eni SpA (a)	558,200	13,322,230
Telecom Italia SpA (a)	6,796,600	5,773,042
Telecom Italia SpA ADR (a)	15,725	131,145
		27,017,101
Japan 8.9%		
Dena Co. Ltd.	108,200	3,084,452
Hino Motors Ltd.	480,700	7,342,630
Honda Motor Co. Ltd.	256,400	10,230,992
ITOCHU Corp.	872,500	10,818,519
Jafco Co. Ltd.	134,300	6,504,410
Kenedix Realty Investment Corp. REIT	1,117	5,240,054
Nabtesco Corp.	259,500	5,726,487
ORIX Corp. (b)	649,300	9,963,060
Softbank Corp.	115,200	5,713,222
Sumitomo Mitsui Financial Group, Inc.	189,100	8,938,257

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

Tokio Marine Holdings, Inc.	268,700	8,539,201
Toyota Motor Corp.	202,300	11,741,058
Yahoo Japan Corp.	9,093	4,547,200
		98,389,542
Mexico 0.5%		
Fomento Economico Mexicano SAB de CV ADR	48,100	5,454,059
Common Stocks	Shares	Value
Netherlands 0.8%		
ING Groep NV (b)	1,050,300	\$ 8,652,209
Sweden 1.4%		
Svenska Cellulosa AB, B Shares	594,827	15,494,553
Switzerland 8.0%		
GAM Holding AG	191,000	3,377,821
Glencore International Plc	2,181,500	10,740,271
Nestle SA	149,000	10,625,564
Novartis AG	147,600	10,926,472
Partners Group Holding AG	40,700	10,442,191
Roche Holding AG	81,100	20,302,624
Transocean Ltd. (b)	141,900	7,303,593
UBS AG	782,600	13,960,350
		87,678,886
Taiwan 0.9%		
MediaTek, Inc.	561,000	6,846,198
Taiwan Semiconductor Manufacturing Co. Ltd. ADR	169,100	3,226,428
		10,072,626
Thailand 0.8%		
Bangkok Bank PCL NVDR	1,085,000	8,372,667
United Kingdom 13.3%		
Afren Plc (b)	2,465,700	5,146,092
APR Energy Plc	383,487	4,937,352
Aveva Group Plc	165,000	5,695,572
Babcock International Group Plc	207,700	3,456,140
Barclays Plc ADR (a)	883,300	15,881,734
BG Group Plc	620,600	10,476,559
British American Tobacco Plc	187,700	10,405,197
Crest Nicholson Holdings Plc (b)	1,292,078	6,402,487
Diageo Plc	443,000	13,528,154
esure Group Plc (b)	2,895,400	13,369,024
National Grid Plc	931,100	11,868,927
Perform Group Plc (b)	723,700	5,831,826
SABMiller Plc	171,600	9,259,064
Tullow Oil Plc	518,600	8,083,795
Unilever Plc	267,600	11,594,233
Vodafone Group Plc ADR (a)	348,400	10,657,556
		146,593,712
United States 46.4%		
AbbVie, Inc.	189,000	8,703,450
Adobe Systems, Inc. (a)(b)	191,800	8,646,344
Air Products & Chemicals, Inc. (a)	57,600	5,008,896
Amgen, Inc.	57,800	6,023,338
Apple, Inc. (a)	26,510	11,737,304
Axiall Corp.	86,500	4,536,925
Bank of America Corp. (a)	1,354,000	16,667,740
BankUnited, Inc.	275,800	6,991,530
Baxter International, Inc. (a)	79,100	5,526,717
Becton Dickinson and Co.	57,200	5,393,960
The Boeing Co.	43,000	3,930,630
Bristol-Myers Squibb Co. (a)	318,700	12,658,764
Cabot Oil & Gas Corp.	118,600	8,070,730
Cameron International Corp. (a)(b)	127,400	7,841,470
Celgene Corp. (a)(b)	72,753	8,589,947
Cisco Systems, Inc. (a)	265,100	5,545,892
Citigroup, Inc. (a)	278,640	13,001,342

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

Comcast Corp., Class A	248,600	10,267,180
Crown Castle International Corp. (a)(b)	141,100	10,864,700
Crown Holdings, Inc. (a)(b)	167,300	7,140,364
CSX Corp. (a)	333,100	8,190,929

See Notes to Financial Statements.

SEMI-ANNUAL REPORT

APRIL 30, 2013

51

Table of Contents

Schedule of Investments (continued)

BlackRock Global Opportunities Equity Trust (BOE)
(Percentages shown are based on Net Assets)

	Shares	Value
Common Stocks		
United States (concluded)		
DIRECTV (a)(b)	97,100	\$ 5,491,976
Eastman Chemical Co. (a)	129,000	8,597,850
Eaton Corp. Plc	88,200	5,416,362
eBay, Inc. (a)(b)	193,900	10,158,421
Eli Lilly & Co. (a)	236,550	13,100,139
Facebook, Inc., Class A (a)(b)	252,200	7,001,072
Gilead Sciences, Inc. (a)(b)	204,601	10,360,995
Google, Inc., Class A (a)(b)	24,293	20,031,279
The Hain Celestial Group, Inc. (a)(b)	127,919	8,346,710
HCA Holdings, Inc. (a)	116,300	4,639,207
Hertz Global Holdings, Inc. (a)(b)	409,200	9,853,536
International Paper Co. (a)	109,900	5,163,102
Kennedy-Wilson Holdings, Inc.	600,564	9,987,379
Kraft Foods Group, Inc.	176,066	9,065,638
Las Vegas Sands Corp. (a)	128,300	7,216,875
Liberty Global, Inc., Class A (a)(b)	120,700	8,735,059
Lowe's Cos, Inc.	198,200	7,614,844
Mead Johnson Nutrition Co. (a)	168,000	13,623,120
Merck & Co., Inc. (a)	111,900	5,259,300
Microsoft Corp. (a)	263,900	8,735,090
Mondelez International, Inc. Class A (a)	376,500	11,840,925
Monsanto Co.	112,000	11,963,840
Oasis Petroleum, Inc. (a)(b)	184,700	6,322,281
Oracle Corp. (a)	166,500	5,457,870
Owens Corning (a)(b)	259,500	10,914,570
Pfizer, Inc. (a)	394,100	11,456,487
Roper Industries, Inc. (a)	85,800	10,265,970
Rowan Cos. Plc, Class A (b)	271,200	8,822,136
SanDisk Corp. (a)(b)	176,469	9,254,034
Smithfield Foods, Inc. (b)	229,700	5,880,320
Time Warner, Inc.	169,600	10,138,688
Common Stocks		
United States (concluded)		
United Rentals, Inc. (b)	105,648	\$ 5,558,141
Universal Health Services, Inc., Class B	70,700	4,707,913
US Airways Group, Inc. (a)(b)	335,200	5,664,880
Visa, Inc. (a)	64,300	10,831,978
Weyerhaeuser Co. REIT (a)	267,026	8,146,963
Whirlpool Corp. (a)	65,300	7,462,484
WisdomTree Investments, Inc. (b)	642,600	7,454,160
Xilinx, Inc. (a)	152,600	5,785,066
		511,664,812
Total Long Term Investments		
(Cost \$965,818,824) 98.5%		1,085,571,587
Short-Term Securities		
BlackRock Liquidity Funds, TempFund, Institutional Class, 0.08% (c)(d)	20,035,651	20,035,651
Total Short-Term Securities		
(Cost \$20,035,651) 1.8%		20,035,651
Total Investments Before Options Written		
(Cost \$985,854,475) 100.3%		1,105,607,238

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

Options Written		
(Premiums Received \$14,369,571) (1.7)%		(18,959,736)
Total Investments Net of Options Written 98.6%		1,086,647,502
Other Assets Less Liabilities 1.4%		15,243,976
Net Assets 100.0%		\$ 1,101,891,478

Notes to Schedule of Investments

(a) All or a portion of security has been pledged/segregated as collateral in connection with outstanding options written.

(b) Non-income producing security.

(c) Represents the current yield as of report date.

(d) Investments in issuers considered to be an affiliate of the Trust during the six months ended April 30, 2013, for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

Affiliate	Shares Held at October 31, 2012	Net Activity	Shares Held at April 30, 2013	Income	Realized Gain
BlackRock Liquidity Funds, TempFund, Institutional Class	54,961,782	(34,926,131)	20,035,651	\$ 28,309	\$ 395

Foreign currency exchange contracts as of April 30, 2013 were as follows:

Currency Purchased	Currency Sold	Counterparty	Settlement Date	Unrealized Depreciation
USD 219,837	EUR 167,000	Citigroup Global Markets, Inc.	5/02/13	\$ (94)

Exchange-traded options written as of April 30, 2013 were as follows:

Description	Put/ Call	Strike Price	Expiration Date	Contracts	Market Value
Barclays Plc ADR	Call	USD 20.25	5/13/13	533	\$ (581)
Telecom Italia SpA ADR	Call	USD 8.40	5/13/13	157	(4,079)
Eni SpA	Call	EUR 18.50	5/17/13	457	(58,310)

See Notes to Financial Statements.

Table of Contents**Schedule of Investments (continued)****BlackRock Global Opportunities Equity Trust (BOE)**

Exchange-traded options written as of April 30, 2013 were as follows: (continued)

Description	Put/ Call	Strike		Expiration Date	Contracts	Market Value
		Price				
Telecom Italia SpA	Call	EUR	0.66	5/17/13	1,025	\$ (37,951)
Telecom Italia SpA	Call	EUR	0.68	5/17/13	1,025	(28,131)
Air Products & Chemicals, Inc.	Call	USD	87.25	5/18/13	316	(31,493)
Cisco Systems, Inc.	Call	USD	22.25	5/18/13	2,045	(31,888)
Whirlpool Corp.	Call	USD	117.00	5/18/13	360	(52,873)
Bank of America Corp.	Call	USD	12.00	5/20/13	1,024	(45,056)
Bank of America Corp.	Call	USD	13.00	5/20/13	3,100	(17,050)
Barclays Plc ADR	Call	USD	19.00	5/20/13	850	(6,375)
Baxter International, Inc.	Call	USD	72.50	5/20/13	435	(53,288)
Bristol-Myers Squibb Co.	Call	USD	40.00	5/20/13	195	(9,165)
Bristol-Myers Squibb Co.	Call	USD	41.00	5/20/13	292	(4,964)
Cameron International Corp.	Call	USD	67.50	5/20/13	700	(10,500)
Citigroup, Inc.	Call	USD	48.00	5/20/13	512	(19,200)
DIRECTV	Call	USD	55.00	5/20/13	535	(119,840)
Eli Lilly & Co.	Call	USD	57.50	5/20/13	295	(3,540)
Facebook, Inc., Class A	Call	USD	29.00	5/20/13	1,390	(104,250)
Gilead Sciences, Inc.	Call	USD	46.00	5/20/13	385	(195,388)
The Hain Celestial Group, Inc.	Call	USD	65.00	5/20/13	351	(93,015)
HCA Holdings, Inc.	Call	USD	38.00	5/20/13	505	(122,463)
Hertz Global Holdings, Inc.	Call	USD	25.00	5/20/13	1,530	(49,725)
International Paper Co.	Call	USD	48.00	5/20/13	303	(24,998)
International Paper Co.	Call	USD	49.00	5/20/13	303	(15,150)
Las Vegas Sands Corp.	Call	USD	55.00	5/20/13	530	(138,065)
Liberty Global, Inc., Class A	Call	USD	75.00	5/20/13	665	(51,538)
Mead Johnson Nutrition Co.	Call	USD	85.00	5/20/13	920	(33,120)
Mondelez International, Inc. Class A	Call	USD	30.00	5/20/13	2,070	(377,775)
Owens Corning	Call	USD	40.00	5/20/13	160	(37,200)
Owens Corning	Call	USD	42.00	5/20/13	1,267	(120,365)
SanDisk Corp.	Call	USD	55.00	5/20/13	485	(22,068)
Taiwan Semiconductor Manufacturing Co. Ltd. ADR	Call	USD	17.50	5/20/13	930	(151,125)
US Airways Group, Inc.	Call	USD	17.00	5/20/13	920	(38,640)
US Airways Group, Inc.	Call	USD	18.00	5/20/13	920	(11,960)
Weyerhaeuser Co. REIT	Call	USD	31.00	5/20/13	405	(13,163)
Xilinx, Inc.	Call	USD	39.00	5/20/13	295	(6,785)
Apple, Inc.	Call	USD	425.00	5/24/13	145	(318,275)
Visa, Inc.	Call	USD	165.00	5/29/13	178	(112,253)
Visa, Inc.	Call	USD	168.00	5/29/13	175	(77,775)
Arcos Dorados Holdings, Inc., Class A	Call	USD	12.75	5/31/13	840	(83,180)
Bank of America Corp.	Call	USD	12.50	6/07/13	3,320	(95,228)
The Hain Celestial Group, Inc.	Call	USD	62.50	6/10/13	352	(156,960)
Roper Industries, Inc.	Call	USD	123.75	6/13/13	472	(51,782)
Telecom Italia SpA	Call	EUR	0.70	6/21/13	67	(2,452)
Adobe Systems, Inc.	Call	USD	45.00	6/24/13	1,055	(178,823)
Barclays Plc ADR	Call	USD	19.00	6/24/13	850	(29,750)
Bristol-Myers Squibb Co.	Call	USD	39.00	6/24/13	776	(116,012)
Celgene Corp.	Call	USD	125.00	6/24/13	200	(53,800)
Citigroup, Inc.	Call	USD	46.00	6/24/13	1,020	(204,510)
Crown Holdings, Inc.	Call	USD	41.00	6/24/13	470	(98,700)
Eastman Chemical Co.	Call	USD	75.00	6/24/13	390	(9,750)
eBay, Inc.	Call	USD	55.00	6/24/13	1,070	(97,370)

See Notes to Financial Statements.

Table of Contents**Schedule of Investments (continued)****BlackRock Global Opportunities Equity Trust (BOE)**

Exchange-traded options written as of April 30, 2013 were as follows: (concluded)

Description	Put/ Call	Strike		Expiration Date	Contracts	Market	
		Price				Value	
Gilead Sciences, Inc.	Call	USD	47.00	6/24/13	390	\$	(190,125)
Gilead Sciences, Inc.	Call	USD	55.00	6/24/13	350		(36,925)
Google, Inc., Class A	Call	USD	795.00	6/24/13	133		(536,655)
HCA Holdings, Inc.	Call	USD	39.50	6/24/13	150		(32,625)
Hertz Global Holdings, Inc.	Call	USD	24.00	6/24/13	720		(93,600)
Las Vegas Sands Corp.	Call	USD	55.00	6/24/13	175		(59,500)
Merck & Co., Inc.	Call	USD	49.00	6/24/13	616		(25,564)
Oracle Corp.	Call	USD	33.00	6/24/13	1,170		(107,640)
Pfizer, Inc.	Call	USD	31.00	6/24/13	1,920		(27,840)
Vodafone Group Plc ADR	Call	USD	30.00	6/24/13	950		(123,500)
Weyerhaeuser Co. REIT	Call	USD	31.00	6/24/13	1,063		(74,410)
Xilinx, Inc.	Call	USD	37.00	6/24/13	950		(151,525)
Celgene Corp.	Call	USD	125.00	7/22/13	200		(75,000)
Crown Castle International Corp.	Call	USD	80.00	7/22/13	180		(24,300)
Microsoft Corp.	Call	USD	32.00	7/22/13	1,452		(262,086)
SanDisk Corp.	Call	USD	55.00	7/22/13	485		(101,365)
Total							\$ (5,750,357)

Over-the-counter options written as of April 30, 2013 were as follows:

Description	Counterparty	Put/ Call	Strike		Expiration Date	Contracts	Market	
			Price				Value	
Smithfield Foods, Inc.	Morgan Stanley & Co., Inc.	Call	USD	26.82	5/01/13	126,300	\$	(7)
Transocean Ltd.	Citigroup Global Markets, Inc.	Call	USD	52.00	5/02/13	39,000		(5,578)
Amgen, Inc.	UBS Securities LLC	Call	USD	93.23	5/03/13	32,000		(351,360)
United Rentals, Inc.	Morgan Stanley & Co., Inc.	Call	USD	55.44	5/03/13	88,800		(2,626)
WisdomTree Investments, Inc.	UBS Securities LLC	Call	USD	8.96	5/03/13	76,000		(200,650)
Axiall Corp.	Barclays Bank	Call	USD	62.78	5/06/13	42,000		(85)
Axiall Corp.	Credit Suisse First Boston	Call	USD	57.14	5/06/13	13,500		(1,774)
Eaton Corp. Plc	Deutsche Bank Securities Corp.	Call	USD	60.95	5/06/13	77,800		(54,822)
AIA Group Ltd.	Morgan Stanley & Co., Inc.	Call	HKD	34.11	5/07/13	1,797,000		(150,029)
CSL Ltd.	Citigroup Global Markets, Inc.	Call	AUD	60.33	5/07/13	18,000		(52,387)
Hino Motors Ltd.	Goldman Sachs & Co.	Call	JPY	1,010.63	5/07/13	265,000		(1,294,948)
Becton Dickinson and Co.	Goldman Sachs & Co.	Call	USD	89.36	5/08/13	30,500		(152,013)
Kennedy-Wilson Holdings, Inc.	Barclays Bank	Call	USD	15.82	5/09/13	48,000		(39,349)
WisdomTree Investments, Inc.	Morgan Stanley & Co., Inc.	Call	USD	9.38	5/10/13	94,000		(208,722)
Barclays Plc ADR	Banc of America Securities	Call	USD	19.99	5/13/13	131,000		(539)
Crown Holdings, Inc.	Goldman Sachs & Co.	Call	USD	41.49	5/13/13	45,000		(58,226)
Afren Plc	Goldman Sachs & Co.	Call	GBP	1.48	5/14/13	949,700		(17,955)
Deutsche Lufthansa AG	Deutsche Bank Securities Corp.	Call	EUR	16.20	5/14/13	192,900		(24,786)
Diageo Plc	Deutsche Bank Securities Corp.	Call	GBP	20.20	5/14/13	151,500		(14,015)
Eurasia Drilling Co. Ltd. GDR	Morgan Stanley & Co., Inc.	Call	USD	35.70	5/14/13	24,000		(83,283)
ING Groep NV CVA	JPMorgan Chase Securities	Call	EUR	6.20	5/14/13	765,000		(210,428)
Partners Group Holding AG	Banc of America Securities	Call	CHF	234.73	5/14/13	5,500		(25,960)
Technip SA	Morgan Stanley & Co., Inc.	Call	EUR	85.15	5/14/13	29,000		(9,228)
Unilever Plc	Morgan Stanley & Co., Inc.	Call	GBP	27.92	5/14/13	73,600		(27,935)
Unilever Plc	Morgan Stanley & Co., Inc.	Call	GBP	28.47	5/14/13	73,600		(9,311)
Kennedy-Wilson Holdings, Inc.	Barclays Bank	Call	USD	15.78	5/22/13	48,000		(43,768)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

Oasis Petroleum, Inc.	Morgan Stanley & Co., Inc.	Call	USD	38.13	5/22/13	51,000	(16,438)
Crown Castle International Corp.	Deutsche Bank Securities Corp.	Call	USD	75.70	5/24/13	59,500	(128,014)
CSX Corp.	Morgan Stanley & Co., Inc.	Call	USD	24.82	5/24/13	183,000	(58,950)
Lowe's Cos, Inc.	JPMorgan Chase Securities	Call	USD	37.85	5/24/13	109,000	(116,068)

See Notes to Financial Statements.

Table of Contents**Schedule of Investments (continued)****BlackRock Global Opportunities Equity Trust (BOE)**

Over-the-counter options written as of April 30, 2013 were as follows: (continued)

Description	Counterparty	Put/ Call	Strike		Expiration Date	Contracts	Market Value
			Price				
Afren Plc	Goldman Sachs & Co.	Call	GBP	1.46	5/28/13	406,400	\$ (11,656)
Aveva Group Plc	Deutsche Bank Securities Corp.	Call	GBP	23.05	5/28/13	24,400	(8,001)
Aveva Group Plc	Morgan Stanley & Co., Inc.	Call	GBP	22.80	5/28/13	44,400	(20,117)
AXA SA	Goldman Sachs & Co.	Call	EUR	14.41	5/28/13	282,200	(99,250)
Babcock International Group Plc	Deutsche Bank Securities Corp.	Call	GBP	11.04	5/28/13	49,300	(7,012)
BG Group Plc	Deutsche Bank Securities Corp.	Call	GBP	11.83	5/28/13	214,300	(24,040)
BG Group Plc	Morgan Stanley & Co., Inc.	Call	GBP	11.65	5/28/13	127,000	(21,458)
Eurasia Drilling Co. Ltd. GDR	Morgan Stanley & Co., Inc.	Call	USD	37.01	5/28/13	24,000	(62,741)
GAM Holding AG	Goldman Sachs & Co.	Call	CHF	16.15	5/28/13	75,957	(62,294)
National Grid Plc	Deutsche Bank Securities Corp.	Call	GBP	7.51	5/28/13	256,100	(277,457)
Nestle SA	Deutsche Bank Securities Corp.	Call	CHF	68.82	5/28/13	82,000	(19,642)
Partners Group Holding AG	Goldman Sachs & Co.	Call	CHF	237.31	5/28/13	5,500	(20,248)
Roche Holding AG	Goldman Sachs & Co.	Call	CHF	229.07	5/28/13	12,000	(79,631)
Roche Holding AG	Morgan Stanley & Co., Inc.	Call	CHF	215.74	5/28/13	32,600	(598,251)
SABMiller Plc	Citigroup Global Markets, Inc.	Call	GBP	35.10	5/28/13	94,400	(81,835)
Sanofi	Citigroup Global Markets, Inc.	Call	EUR	76.02	5/28/13	47,900	(391,120)
Svenska Cellulosa AB, B Shares	Deutsche Bank Securities Corp.	Call	SEK	157.70	5/28/13	348,100	(623,980)
Tullow Oil Plc	Goldman Sachs & Co.	Call	GBP	12.50	5/28/13	64,800	(188)
Tullow Oil Plc	Morgan Stanley & Co., Inc.	Call	GBP	12.38	5/28/13	220,600	(1,733)
UBS AG	Deutsche Bank Securities Corp.	Call	CHF	15.18	5/28/13	81,000	(127,191)
UBS AG	Deutsche Bank Securities Corp.	Call	CHF	15.27	5/28/13	349,000	(516,194)
Vodafone Group Plc ADR	Citigroup Global Markets, Inc.	Call	USD	29.39	5/28/13	96,500	(152,211)
BankUnited, Inc.	Goldman Sachs & Co.	Call	USD	25.25	5/29/13	75,000	(37,199)
Becton Dickinson and Co.	UBS Securities LLC	Call	USD	96.55	5/29/13	14,500	(17,290)
Fomento Economico Mexicano SAB de CV ADR	Goldman Sachs & Co.	Call	USD	125.53	5/29/13	26,500	(5,723)
Bristol-Myers Squibb Co.	Deutsche Bank Securities Corp.	Call	USD	41.29	5/30/13	49,000	(9,891)
Dena Co. Ltd.	Goldman Sachs & Co.	Call	JPY	2,569.54	5/30/13	59,500	(170,087)
Honda Motor Co. Ltd.	Goldman Sachs & Co.	Call	JPY	4,033.60	5/30/13	141,000	(113,044)
ITOCHU Corp.	UBS Securities LLC	Call	JPY	1,254.04	5/30/13	479,900	(106,089)
Jafco Co. Ltd.	Citigroup Global Markets, Inc.	Call	JPY	4,255.98	5/30/13	62,500	(379,719)
Jafco Co. Ltd.	Citigroup Global Markets, Inc.	Call	JPY	5,103.65	5/30/13	11,300	(21,282)
MediaTek, Inc.	JPMorgan Chase Securities	Call	TWD	354.05	5/30/13	308,000	(129,190)
Monsanto Co.	Deutsche Bank Securities Corp.	Call	USD	106.13	5/30/13	61,600	(168,795)
Nabtesco Corp.	Goldman Sachs & Co.	Call	JPY	2,125.92	5/30/13	142,000	(136,775)
ORIX Corp.	Goldman Sachs & Co.	Call	JPY	1,490.09	5/30/13	357,100	(326,084)
Softbank Corp.	UBS Securities LLC	Call	JPY	4,863.31	5/30/13	111,000	(258,833)
Sumitomo Mitsui Financial Group, Inc.	UBS Securities LLC	Call	JPY	4,727.70	5/30/13	104,000	(171,175)
Time Warner, Inc.	Goldman Sachs & Co.	Call	USD	57.02	5/30/13	53,900	(180,511)
Tokio Marine Holdings, Inc.	Goldman Sachs & Co.	Call	JPY	3,310.77	5/30/13	147,800	(76,850)
Toyota Motor Corp.	Goldman Sachs & Co.	Call	JPY	5,606.07	5/30/13	111,300	(245,008)
Yahoo Japan Corp.	Citigroup Global Markets, Inc.	Call	JPY	46,587.34	5/30/13	5,000	(163,173)
AbbVie, Inc.	Goldman Sachs & Co.	Call	USD	40.95	5/31/13	73,600	(375,360)
Arcos Dorados Holdings, Inc., Class A	UBS Securities LLC	Call	USD	12.71	5/31/13	88,000	(89,862)
WisdomTree Investments, Inc.	Morgan Stanley & Co., Inc.	Call	USD	11.03	5/31/13	51,500	(40,269)
Kraft Foods Group, Inc.	Credit Suisse First Boston	Call	USD	51.76	6/03/13	49,500	(31,284)
Transocean Ltd.	Citigroup Global Markets, Inc.	Call	USD	55.00	6/03/13	39,000	(19,989)
Anheuser-Busch InBev NV	Morgan Stanley & Co., Inc.	Call	EUR	78.58	6/04/13	62,400	(29,430)
Aveva Group Plc	Goldman Sachs & Co.	Call	GBP	22.80	6/04/13	11,000	(5,830)
Babcock International Group Plc	Goldman Sachs & Co.	Call	GBP	10.92	6/04/13	49,300	(11,297)

See Notes to Financial Statements.

Table of Contents**Schedule of Investments (continued)****BlackRock Global Opportunities Equity Trust (BOE)**

Over-the-counter options written as of April 30, 2013 were as follows: (concluded)

Description	Counterparty	Put/ Call	Strike		Expiration Date	Contracts	Market Value
			Price				
BNP Paribas SA	Goldman Sachs & Co.	Call	EUR	41.10	6/04/13	77,000	\$ (211,943)
Danone SA	Goldman Sachs & Co.	Call	EUR	55.91	6/04/13	66,600	(177,303)
Eurasia Drilling Co. Ltd. GDR	UBS Securities LLC	Call	USD	36.22	6/04/13	23,100	(76,826)
Glencore International Plc	Citigroup Global Markets, Inc.	Call	GBP	3.65	6/04/13	600,000	(7,365)
Glencore International Plc	Morgan Stanley & Co., Inc.	Call	GBP	3.32	6/04/13	600,000	(49,023)
LVMH Moet Hennessy Louis Vuitton SA	Citigroup Global Markets, Inc.	Call	EUR	137.63	6/04/13	16,700	(23,316)
National Grid Plc	Deutsche Bank Securities Corp.	Call	GBP	7.51	6/04/13	256,100	(277,751)
Novartis AG	Citigroup Global Markets, Inc.	Call	CHF	67.52	6/04/13	61,600	(136,866)
Novartis AG	Citigroup Global Markets, Inc.	Call	CHF	69.55	6/04/13	19,600	(19,910)
Partners Group Holding AG	Citigroup Global Markets, Inc.	Call	CHF	240.76	6/04/13	6,000	(16,429)
Partners Group Holding AG	Goldman Sachs & Co.	Call	CHF	236.34	6/04/13	5,400	(26,909)
Volkswagen AG, Preference Shares	Goldman Sachs & Co.	Call	EUR	160.70	6/04/13	25,000	(72,824)
BankUnited, Inc.	Goldman Sachs & Co.	Call	USD	25.50	6/05/13	75,000	(34,896)
Kennedy-Wilson Holdings, Inc.	Deutsche Bank Securities Corp.	Call	USD	15.62	6/05/13	49,000	(53,890)
Comcast Corp., Class A	Deutsche Bank Securities Corp.	Call	USD	42.15	6/07/13	136,700	(91,416)
Eurasia Drilling Co. Ltd. GDR	Morgan Stanley & Co., Inc.	Call	USD	40.34	6/11/13	7,200	(8,125)
GAM Holding AG	UBS Securities LLC	Call	CHF	16.93	6/11/13	29,000	(11,696)
Kennedy-Wilson Holdings, Inc.	Barclays Bank	Call	USD	15.86	6/12/13	73,500	(69,248)
Universal Health Services, Inc., Class B	Goldman Sachs & Co.	Call	USD	61.86	6/12/13	14,500	(81,008)
Aveva Group Plc	Goldman Sachs & Co.	Call	GBP	22.80	6/13/13	11,000	(6,976)
British American Tobacco Plc	Banc of America Securities	Call	GBP	36.16	6/13/13	103,300	(103,541)
Diageo Plc	Deutsche Bank Securities Corp.	Call	GBP	19.92	6/13/13	92,200	(45,467)
Eurasia Drilling Co. Ltd. GDR	Morgan Stanley & Co., Inc.	Call	USD	37.50	6/13/13	23,000	(59,301)
Valeo SA	Citigroup Global Markets, Inc.	Call	EUR	44.34	6/13/13	53,000	(110,064)
WisdomTree Investments, Inc.	Deutsche Bank Securities Corp.	Call	USD	11.02	6/14/13	132,000	(114,813)
Cabot Oil & Gas Corp.	Credit Suisse First Boston	Call	USD	70.27	6/17/13	65,000	(141,895)
Rowan Cos. Plc, Class A	Goldman Sachs & Co.	Call	USD	31.87	6/18/13	149,100	(265,182)
SAP AG ADR	Morgan Stanley & Co., Inc.	Call	USD	75.28	6/18/13	71,200	(361,098)
Time Warner, Inc.	Citigroup Global Markets, Inc.	Call	USD	60.20	6/18/13	39,000	(55,797)
Babcock International Group Plc	Banc of America Securities	Call	GBP	10.94	6/19/13	15,700	(4,410)
Eli Lilly & Co.	Morgan Stanley & Co., Inc.	Call	USD	56.06	6/19/13	100,600	(89,936)
Eurasia Drilling Co. Ltd. GDR	Morgan Stanley & Co., Inc.	Call	USD	40.34	6/19/13	7,200	(9,185)
Kennedy-Wilson Holdings, Inc.	Deutsche Bank Securities Corp.	Call	USD	15.86	6/19/13	73,600	(71,423)
Oasis Petroleum, Inc.	Citigroup Global Markets, Inc.	Call	USD	36.98	6/19/13	51,000	(43,260)
AbbVie, Inc.	Citigroup Global Markets, Inc.	Call	USD	43.36	6/26/13	30,000	(100,659)
Eurasia Drilling Co. Ltd. GDR	UBS Securities LLC	Call	USD	39.59	6/26/13	22,800	(38,755)
Kraft Foods Group, Inc.	Goldman Sachs & Co.	Call	USD	50.49	7/01/13	47,300	(85,259)
Barclays Plc ADR	Banc of America Securities	Call	USD	19.00	7/08/13	131,000	(51,991)
Kennedy-Wilson Holdings, Inc.	Citigroup Global Markets, Inc.	Call	USD	16.41	7/08/13	42,000	(29,802)
Universal Health Services, Inc., Class B	Citigroup Global Markets, Inc.	Call	USD	65.37	7/08/13	24,300	(88,278)
Total							\$ (13,209,379)

Fair Value Measurements Various inputs are used in determining the fair value of investments and derivative financial instruments. These inputs to valuation techniques are categorized into a disclosure hierarchy consisting of three broad levels for financial statement purposes as follows:

Level 1 unadjusted price quotations in active markets/exchanges for identical assets and liabilities that the Trust has the ability to access

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

Level 2 other observable inputs (including, but not limited to, quoted prices for similar assets or liabilities in markets that are active, quoted prices for identical or similar assets or liabilities in markets that are not active, inputs other than quoted prices that are observable for the assets or liabilities (such as interest rates, yield curves, volatilities, prepayment speeds, loss severities, credit risks and default rates) or other market-corroborated inputs)

See Notes to Financial Statements.

Table of Contents**Schedule of Investments (continued)****BlackRock Global Opportunities Equity Trust (BOE)**

Level 3 unobservable inputs based on the best information available in the circumstances, to the extent observable inputs are not available (including the Trust's own assumptions used in determining the fair value of investments and derivative financial instruments). The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). Accordingly, the degree of judgment exercised in determining fair value is greatest for instruments categorized in Level 3. The inputs used to measure fair value may fall into different levels of the fair value hierarchy. In such cases, for disclosure purposes, the level in the fair value hierarchy within which the fair value measurement falls in its entirety is determined based on the lowest level input that is significant to the fair value measurement in its entirety.

Changes in valuation techniques may result in transfers into or out of an assigned level within the disclosure hierarchy. In accordance with the Trust's policy, transfers between different levels of the fair value disclosure hierarchy are deemed to have occurred as of the beginning of the reporting period. The categorization of a value determined for investments and derivative financial instruments is based on the pricing transparency of the investment and derivative financial instrument and is not necessarily an indication of the risks associated with investing in those securities. For information about the Trust's policy regarding valuation of investments and derivative financial instruments and other significant accounting policies, please refer to Note 1 of the Notes to Financial Statements.

The following tables summarize the Trust's investments and derivative financial instruments categorized in the disclosure hierarchy as of April 30, 2013:

	Level 1	Level 2	Level 3	Total
Assets:				
Investments:				
Long-Term Investments:				
Common Stocks:				
Argentina	\$ 4,254,888			\$ 4,254,888
Australia		\$ 2,137,039		2,137,039
Belgium		10,890,468		10,890,468
Cayman Islands	9,334,578			9,334,578
France	5,598,673	46,875,014		52,473,687
Germany	10,324,605	13,618,690		23,943,295
Hong Kong		14,534,896		14,534,896
India		11,281,842		11,281,842
Indonesia	16,426,979	20,903,748		37,330,727
Italy	7,921,829	19,095,272		27,017,101
Japan	7,631,652	90,757,890		98,389,542
Mexico	5,454,059			5,454,059
Netherlands		8,652,209		8,652,209
Sweden		15,494,553		15,494,553
Switzerland	18,043,864	69,635,022		87,678,886
Taiwan	3,226,428	6,846,198		10,072,626
Thailand		8,372,667		8,372,667
United Kingdom	46,310,801	100,282,911		146,593,712
United States	511,664,812			511,664,812
Short-Term Securities	20,035,651			20,035,651
Total	\$ 666,228,819	\$ 439,378,419		\$ 1,105,607,238
	Level 1	Level 2	Level 3	Total
Derivative Financial Instruments ¹				
Liabilities:				
Equity contracts	\$ (4,925,417)	\$ (14,034,319)		\$ (18,959,736)
Foreign currency exchange contracts	(94)			(94)
Total	\$ (4,925,511)	\$ (14,034,319)		\$ (18,959,830)

¹ Derivative financial instruments are foreign currency exchange contracts and options written. Foreign currency exchange contracts are valued at the unrealized appreciation/depreciation on the instrument and options written are shown at value.

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

See Notes to Financial Statements.

SEMI-ANNUAL REPORT

APRIL 30, 2013

57

Table of Contents**Schedule of Investments (concluded)****BlackRock Global Opportunities Equity Trust (BOE)**

Certain of the Trust's assets are held at carrying amount, which approximates fair value for financial statement purposes. As of April 30, 2013, such assets are categorized within the disclosure hierarchy as follows:

	Level 1	Level 2	Level 3	Total
Assets:				
Cash	\$ 2,908,663			\$ 2,908,663
Foreign currency at value	4,188,164			4,188,164
Liabilities:				
Cash received as collateral for options written		\$ (900,000)		(900,000)
Total	\$ 7,996,827	\$ (900,000)		\$ 7,096,827

There were no transfers between levels during the six months ended April 30, 2013.

See Notes to Financial Statements.

Table of Contents**Schedule of Investments** April 30, 2013 (Unaudited)**BlackRock Health Sciences Trust (BME)**
(Percentages shown are based on Net Assets)

	Shares	Value
Common Stocks		
Biotechnology 27.2%		
ACADIA Pharmaceuticals Inc. (a)(b)	173,495	\$ 2,236,351
Acorda Therapeutics, Inc. (a)(b)	69,000	2,730,330
Alexion Pharmaceuticals, Inc. (a)(b)	13,260	1,299,480
Alkermes Plc (a)(b)	48,600	1,487,646
Alnylam Pharmaceuticals, Inc. (a)	67,736	1,622,277
Amgen, Inc. (b)	90,700	9,451,847
Biogen Idec, Inc. (a)(b)	12,400	2,714,732
BioMarin Pharmaceutical, Inc. (a)(b)	28,100	1,843,360
Celgene Corp. (a)(b)	76,974	9,088,320
Celldex Therapeutics, Inc. (a)(b)	108,900	1,421,145
Cepheid, Inc. (a)(b)	19,400	739,722
ChemoCentryx, Inc. (a)	5,602	69,633
CSL Ltd.	14,775	965,589
Dyax Corp. (a)	57,584	158,356
Exelixis, Inc. (a)(b)	70,800	367,452
Genmab A/S (a)	11,414	298,262
Gilead Sciences, Inc. (a)(b)	211,621	10,716,486
Infinity Pharmaceuticals, Inc. (a)(b)	61,000	2,628,490
InterMune, Inc. (a)(b)	64,900	605,517
Ironwood Pharmaceuticals, Inc. (a)(b)	68,800	1,046,448
Isis Pharmaceuticals, Inc. (a)(b)	49,450	1,107,186
Momenta Pharmaceuticals, Inc. (a)(b)	39,200	482,944
Onyx Pharmaceuticals, Inc. (a)(b)	20,800	1,971,840
Protalix BioTherapeutics, Inc. (a)(b)	106,500	603,855
Puma Biotechnology, Inc. (a)	31,600	1,016,888
Regeneron Pharmaceuticals, Inc. (a)(b)	10,100	2,172,914
Seattle Genetics, Inc. (a)(b)	107,400	3,968,430
Synageva BioPharma Corp. (a)(b)	25,503	1,318,250
Ultragenyx Pharmaceutical, Inc. (Acquired 12/18/12, cost \$384,116) (a)(c)	138,700	384,116
Verastem, Inc. (a)	15,800	155,156
Vertex Pharmaceuticals, Inc. (a)(b)	34,305	2,635,310
		67,308,332
Diversified Consumer Services 0.8%		
Service Corp International	111,100	1,875,368
Food & Staples Retailing 1.7%		
Brazil Pharma SA	159,500	1,003,676
CVS Caremark Corp. (b)	56,100	3,263,898
		4,267,574
Health Care Equipment & Supplies 14.1%		
Baxter International, Inc. (b)	43,000	3,004,410
Becton Dickinson and Co.	30,100	2,838,430
Boston Scientific Corp. (a)(b)	268,000	2,007,320
CareFusion Corp. (a)(b)	80,500	2,691,920
Coloplast A/S, Class B	25,500	1,387,363
The Cooper Cos., Inc. (b)	30,300	3,345,120
Covidien Plc	39,900	2,547,216
DENTSPLY International, Inc. (b)	71,000	3,006,850
Given Imaging Ltd. (a)(b)	26,229	417,828
Medtronic, Inc.	52,700	2,460,036
Sirona Dental Systems, Inc. (a)	47,800	3,515,212
Stryker Corp. (b)	66,000	4,328,280
Teleflex, Inc. (b)	25,200	1,968,876
Thoratec Corp. (a)(b)	38,900	1,408,180

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

		34,927,041
Health Care Providers & Services	11.1%	
Aetna, Inc. (b)	25,411	1,459,608
AmerisourceBergen Corp. (b)	27,800	1,504,536
Brookdale Senior Living, Inc. (a)(b)	42,700	1,101,233
Capital Senior Living Corp. (a)(b)	51,164	1,241,239
Cardinal Health, Inc.	24,926	1,102,228
Catamaran Corp. (a)(b)	18,000	1,039,140
Common Stocks	Shares	Value
Health Care Providers & Services (concluded)		
Cigna Corp. (b)	19,600	\$ 1,296,932
Express Scripts Holding Co. (a)(b)	30,676	1,821,234
HCA Holdings, Inc. (b)	87,200	3,478,408
McKesson Corp. (b)	24,600	2,603,172
Team Health Holdings, Inc. (a)(b)	19,583	730,054
UnitedHealth Group, Inc.	70,834	4,245,082
Universal Health Services, Inc., Class B	87,700	5,839,943
		27,462,809
Health Care Technology	0.8%	
Cerner Corp. (a)(b)	21,200	2,051,524
Industrial Conglomerates	0.6%	
Koninklijke Philips Electronics NV	49,733	1,376,513
Life Sciences Tools & Services	4.1%	
ICON Plc (a)	76,000	2,441,120
Illumina, Inc. (a)(b)	37,700	2,438,813
Life Technologies Corp. (a)	5,200	383,188
Morphosys AG (a)	8,900	404,746
Thermo Fisher Scientific, Inc. (b)	23,600	1,904,048
Waters Corp. (a)(b)	28,215	2,607,066
		10,178,981
Pharmaceuticals	37.9%	
AbbVie, Inc.	151,000	6,953,550
Actavis, Inc. (a)(b)	8,300	877,559
Allergan, Inc. (b)	33,300	3,781,215
Bayer AG	26,400	2,760,028
Bristol-Myers Squibb Co. (b)	207,400	8,237,928
Chugai Pharmaceutical Co. Ltd.	50,800	1,264,783
Eli Lilly & Co. (b)	146,900	8,135,322
Johnson & Johnson (b)	90,970	7,753,373
Merck & Co., Inc. (b)	103,600	4,869,200
Novartis AG	131,600	9,742,030
Ono Pharmaceutical Co. Ltd.	23,400	1,543,298
Pfizer, Inc. (b)	370,900	10,782,063
Roche Holding AG	45,400	11,365,464
Sanofi	73,200	7,914,064
Takeda Pharmaceutical Co. Ltd.	58,800	3,228,224
Teva Pharmaceutical Industries Ltd. ADR (b)	31,500	1,206,135
Valeant Pharmaceuticals International, Inc. (a)(b)	29,100	2,213,928
Zoetis, Inc. (b)	36,100	1,192,022
		93,820,186
Total Long-Term Investments		
(Cost \$187,481,776)	98.3%	243,268,328
Short-Term Securities		
BlackRock Liquidity Funds, TempFund, Institutional Class, 0.08% (d)(d)	4,443,975	4,443,975
Total Short-Term Securities		
(Cost \$4,443,975)	1.8%	4,443,975
Total Investments Before Options Written		
(Cost \$191,925,751)	100.1%	247,712,303

See Notes to Financial Statements.

SEMI-ANNUAL REPORT

APRIL 30, 2013

59

Table of Contents

Schedule of Investments (continued)

BlackRock Health Sciences Trust (BME)
(Percentages shown are based on Net Assets)

Options Written		Value
(Premiums Received \$2,264,803) (1.5)%		\$ (3,647,998)
Total Investments Net of Options Written 98.6%		244,064,305
Other Assets Less Liabilities 1.4%		3,349,816
Net Assets 100.0%		\$ 247,414,121

Notes to Schedule of Investments

(a) Non-income producing security.

(b) All or a portion of security has been pledged/segregated as collateral in connection with outstanding options written.

(c) Restricted security as to resale. As of April 30, 2013 the Trust held 0.16% of its net assets, with a current market value of \$384,116 and an original cost of \$384,116, in this security.

(d) Represents the current yield as of report date.

(d) Investments in issuers considered to be an affiliate of the Trust during the six months ended April 30, 2013, for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

Affiliate	Shares/ Beneficial Interest Held at October 31, 2012	Net Activity	Shares/ Beneficial Interest Held at April 30, 2013	Income	Realized Gain
BlackRock Liquidity Funds, TempFund, Institutional Class	4,024,895	419,080	4,443,975	\$ 5,012	\$ 44
BlackRock Liquidity Series, LLC Money Market Series	\$ 4,185,923	\$ (4,185,923)		\$ 538	

Foreign currency exchange contracts as of April 30, 2013 were as follows:

Currency Purchased	Currency Sold	Counterparty	Settlement Date	Unrealized Appreciation (Depreciation)
AUD 6,000	USD 6,204	RBS Securities, Inc.	5/02/13	\$ 16
USD 52,646	DKK 299,668	Brahman Securities, Inc.	5/02/13	(289)
Total				\$ (273)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

For Trust compliance purposes, the Trust's industry classifications refer to any one or more of the industry sub-classifications used by one or more widely recognized market indexes or ratings group indexes, and/or as defined by Trust management. These definitions may not apply for purposes of this report, which may combine industry sub-classifications for reporting ease.

Exchange-traded options written as of April 30, 2013 were as follows:

Description	Put/ Call	Strike		Expiration Date	Contracts	Market Value
		USD	Price			
Team Health Holdings, Inc.	Call	USD	36.00	5/13/13	110	\$ (16,241)
ACADIA Pharmaceuticals Inc.	Call	USD	7.00	5/20/13	427	(251,930)
ACADIA Pharmaceuticals Inc.	Call	USD	15.00	5/20/13	110	(2,200)
Acorda Therapeutics, Inc.	Call	USD	31.00	5/20/13	60	(50,100)
Acorda Therapeutics, Inc.	Call	USD	40.00	5/20/13	175	(28,438)
Actavis, Inc.	Call	USD	100.00	5/20/13	26	(18,590)
Aetna, Inc.	Call	USD	55.00	5/20/13	78	(21,723)
Alexion Pharmaceuticals, Inc.	Call	USD	100.00	5/20/13	45	(6,638)
Allergan, Inc.	Call	USD	110.00	5/20/13	165	(78,375)
AmerisourceBergen Corp.	Call	USD	49.00	5/20/13	160	(82,400)
AmerisourceBergen Corp.	Call	USD	55.00	5/20/13	72	(3,240)
Amgen, Inc.	Call	USD	92.50	5/20/13	175	(204,750)
Amgen, Inc.	Call	USD	110.00	5/20/13	100	(4,150)
Baxter International, Inc.	Call	USD	72.50	5/20/13	135	(16,538)
Biogen Idec, Inc.	Call	USD	200.00	5/20/13	21	(41,370)
BioMarin Pharmaceutical, Inc.	Call	USD	65.00	5/20/13	90	(20,025)

See Notes to Financial Statements.

Table of Contents**Schedule of Investments (continued)****BlackRock Health Sciences Trust (BME)**

Exchange-traded options written as of April 30, 2013 were as follows: (continued)

Description	Put/ Call	Strike		Expiration Date	Contracts	Market Value
		Price				
Bristol-Myers Squibb Co.	Call	USD	40.00	5/20/13	90	\$ (4,230)
Bristol-Myers Squibb Co.	Call	USD	41.00	5/20/13	50	(850)
Capital Senior Living Corp.	Call	USD	25.00	5/20/13	168	(8,400)
CareFusion Corp.	Call	USD	34.00	5/20/13	215	(12,363)
Catamaran Corp.	Call	USD	57.50	5/20/13	105	(26,512)
Celldex Therapeutics, Inc.	Call	USD	12.00	5/20/13	100	(13,000)
Celldex Therapeutics, Inc.	Call	USD	13.00	5/20/13	275	(18,563)
Cerner Corp.	Call	USD	95.00	5/20/13	70	(22,050)
Cigna Corp.	Call	USD	62.50	5/20/13	65	(26,812)
The Cooper Cos., Inc.	Call	USD	110.00	5/20/13	95	(16,388)
CVS Caremark Corp.	Call	USD	52.50	5/20/13	160	(90,800)
CVS Caremark Corp.	Call	USD	55.00	5/20/13	24	(8,220)
Eli Lilly & Co.	Call	USD	57.50	5/20/13	750	(9,000)
Express Scripts Holding Co.	Call	USD	60.00	5/20/13	118	(9,558)
Gilead Sciences, Inc.	Call	USD	46.00	5/20/13	123	(62,422)
Given Imaging Ltd.	Call	USD	17.50	5/20/13	80	(800)
HCA Holdings, Inc.	Call	USD	38.00	5/20/13	250	(60,625)
Infinity Pharmaceuticals, Inc.	Call	USD	50.00	5/20/13	150	(6,375)
InterMune, Inc.	Call	USD	10.00	5/20/13	211	(2,216)
Ironwood Pharmaceuticals, Inc.	Call	USD	20.00	5/20/13	165	(825)
Isis Pharmaceuticals, Inc.	Call	USD	19.00	5/20/13	90	(31,500)
Isis Pharmaceuticals, Inc.	Call	USD	21.00	5/20/13	80	(14,800)
Johnson & Johnson	Call	USD	85.00	5/20/13	115	(12,305)
McKesson Corp.	Call	USD	110.00	5/20/13	80	(5,200)
Onyx Pharmaceuticals, Inc.	Call	USD	92.50	5/20/13	67	(35,175)
Pfizer, Inc.	Call	USD	31.00	5/20/13	192	(864)
Protalix BioTherapeutics, Inc.	Call	USD	6.00	5/20/13	350	(3,500)
Regeneron Pharmaceuticals, Inc.	Call	USD	210.00	5/20/13	21	(22,575)
Regeneron Pharmaceuticals, Inc.	Call	USD	220.00	5/20/13	10	(5,750)
Seattle Genetics, Inc.	Call	USD	35.00	5/20/13	370	(98,975)
Thoratec Corp.	Call	USD	37.00	5/20/13	125	(11,562)
Valeant Pharmaceuticals International, Inc.	Call	USD	75.00	5/20/13	95	(36,100)
Vertex Pharmaceuticals, Inc.	Call	USD	55.00	5/20/13	135	(293,625)
Waters Corp.	Call	USD	95.00	5/20/13	117	(6,142)
Boston Scientific Corp.	Call	USD	8.00	5/24/13	595	(4,111)
DENTSPLY International, Inc.	Call	USD	42.50	5/24/13	230	(20,446)
Illumina, Inc.	Call	USD	57.50	5/29/13	125	(95,258)
Ironwood Pharmaceuticals, Inc.	Call	USD	18.00	5/29/13	60	(576)
Teleflex, Inc.	Call	USD	85.75	6/03/13	81	(5,822)
Exelixis, Inc.	Call	USD	5.25	6/06/13	231	(6,011)
Brookdale Senior Living, Inc.	Call	USD	30.00	6/12/13	235	(6,696)
Synageva BioPharma Corp.	Call	USD	55.00	6/13/13	84	(11,790)
Zoetis, Inc.	Call	USD	35.00	6/13/13	172	(7,578)
Alkermes Plc	Call	USD	34.00	6/24/13	155	(7,750)
Biogen Idec, Inc.	Call	USD	220.00	6/24/13	21	(20,265)
CareFusion Corp.	Call	USD	35.00	6/24/13	48	(2,400)
Celgene Corp.	Call	USD	125.00	6/24/13	125	(33,625)
Cepheid, Inc.	Call	USD	40.00	6/24/13	60	(6,150)
Gilead Sciences, Inc.	Call	USD	47.00	6/24/13	116	(56,549)
Gilead Sciences, Inc.	Call	USD	55.00	6/24/13	467	(49,269)
HCA Holdings, Inc.	Call	USD	39.50	6/24/13	40	(8,700)

See Notes to Financial Statements.

Table of Contents**Schedule of Investments (continued)****BlackRock Health Sciences Trust (BME)**

Exchange-traded options written as of April 30, 2013 were as follows: (concluded)

Description	Put/ Call	Strike		Expiration Date	Contracts	Market Value
		Price				
Infinity Pharmaceuticals, Inc.	Call	USD	50.00	6/24/13	48	\$ (17,040)
Johnson & Johnson	Call	USD	85.00	6/24/13	115	(17,250)
Merck & Co., Inc.	Call	USD	49.00	6/24/13	102	(4,233)
Momenta Pharmaceuticals, Inc.	Call	USD	15.00	6/24/13	130	(1,950)
Pfizer, Inc.	Call	USD	31.00	6/24/13	247	(3,582)
Pfizer, Inc.	Call	USD	32.00	6/24/13	71	(497)
Stryker Corp.	Call	USD	67.50	6/24/13	245	(19,600)
Teva Pharmaceutical Industries Ltd. ADR	Call	USD	40.00	6/24/13	102	(3,060)
Thermo Fisher Scientific, Inc.	Call	USD	80.00	6/24/13	184	(51,060)
Celgene Corp.	Call	USD	125.00	7/22/13	125	(46,875)
ACADIA Pharmaceuticals Inc.	Put	USD	11.00	5/20/13	225	(3,938)
Amgen, Inc.	Put	USD	105.00	5/20/13	83	(24,651)
Total						\$ (2,361,522)

Over-the-counter options written as of April 30, 2013 were as follows:

Description	Counterparty	Put/ Call	Strike		Expiration Date	Contracts	Market Value
			Price				
Covidien Plc	Citigroup Global Markets, Inc.	Call	USD	63.65	5/02/13	19,000	\$ (6,929)
ICON Plc	Goldman Sachs & Co.	Call	USD	32.41	5/06/13	22,100	(6,915)
Sirona Dental Systems, Inc.	UBS Securities LLC	Call	USD	70.99	5/06/13	15,000	(45,262)
CSL Ltd.	Citigroup Global Markets, Inc.	Call	AUD	60.33	5/07/13	4,800	(13,970)
Takeda Pharmaceutical Co. Ltd.	Citigroup Global Markets, Inc.	Call	JPY	4,947.34	5/07/13	8,800	(36,348)
Becton Dickinson and Co.	Goldman Sachs & Co.	Call	USD	89.36	5/08/13	6,000	(29,904)
Brazil Pharma SA	Citigroup Global Markets, Inc.	Call	BRL	15.03	5/08/13	22,700	
Cardinal Health, Inc.	Morgan Stanley & Co., Inc.	Call	USD	47.12	5/09/13	12,000	(47)
Merck & Co., Inc.	Credit Suisse First Boston	Call	USD	45.13	5/09/13	11,800	(22,707)
Alnylam Pharmaceuticals, Inc.	Barclays Bank	Call	USD	25.54	5/13/13	20,000	(4,270)
Pfizer, Inc.	Credit Suisse First Boston	Call	USD	28.97	5/13/13	5,000	(1,726)
Merck & Co., Inc.	Credit Suisse First Boston	Call	USD	45.13	5/23/13	11,800	(24,968)
Boston Scientific Corp.	UBS Securities LLC	Call	USD	7.51	5/24/13	27,000	(6,115)
Bayer AG	Goldman Sachs & Co.	Call	EUR	77.81	5/28/13	5,800	(21,865)
Bayer AG	Morgan Stanley & Co., Inc.	Call	EUR	80.79	5/28/13	2,700	(4,827)
Coloplast A/S, Class B	Citigroup Global Markets, Inc.	Call	DKK	319.97	5/28/13	8,100	(4,915)
Genmab A/S	Banc of America Securities	Call	DKK	133.35	5/28/13	8,700	(25,300)
Koninklijke Philips Electronics NV	Deutsche Bank Securities Corp.	Call	EUR	23.16	5/28/13	16,300	(2,335)
Morphosys AG	Deutsche Bank Securities Corp.	Call	EUR	31.24	5/28/13	2,900	(13,473)
Roche Holding AG	Morgan Stanley & Co., Inc.	Call	CHF	215.74	5/28/13	13,800	(253,247)
Sanofi	Citigroup Global Markets, Inc.	Call	EUR	76.02	5/28/13	23,300	(190,253)
Becton Dickinson and Co.	UBS Securities LLC	Call	USD	96.55	5/29/13	6,000	(7,154)
Bristol-Myers Squibb Co.	Citigroup Global Markets, Inc.	Call	USD	39.41	5/30/13	49,800	(43,508)
Medtronic, Inc.	JPMorgan Chase Securities	Call	USD	46.85	5/30/13	8,500	(6,111)
Ono Pharmaceutical Co. Ltd.	Citigroup Global Markets, Inc.	Call	JPY	6,355.10	5/30/13	7,600	(16,260)
Takeda Pharmaceutical Co. Ltd.	Citigroup Global Markets, Inc.	Call	JPY	5,438.40	5/30/13	10,000	(13,507)
UnitedHealth Group, Inc.	Goldman Sachs & Co.	Call	USD	64.00	5/30/13	29,600	(5,722)
Pfizer, Inc.	Citigroup Global Markets, Inc.	Call	USD	29.23	5/31/13	37,000	(13,569)
Novartis AG	Citigroup Global Markets, Inc.	Call	CHF	67.52	6/04/13	36,400	(80,875)
Novartis AG	Morgan Stanley & Co., Inc.	Call	CHF	68.23	6/04/13	6,200	(10,545)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

Puma Biotechnology, Inc.	Deutsche Bank Securities Corp.	Call	USD	32.80	6/06/13	10,000	(16,289)
Service Corp International	Deutsche Bank Securities Corp.	Call	USD	16.83	6/07/13	34,000	(14,529)
Medtronic, Inc.	JPMorgan Chase Securities	Call	USD	46.85	6/11/13	8,500	(9,429)

See Notes to Financial Statements.

Table of Contents**Schedule of Investments (continued)****BlackRock Health Sciences Trust (BME)**

Over-the-counter options written as of April 30, 2013 were as follows: (concluded)

Description	Counterparty	Put/ Call	Strike		Expiration Date	Contracts	Market Value
				Price			
Universal Health Services, Inc., Class B	Goldman Sachs & Co.	Call	USD	61.86	6/12/13	28,500	\$ (159,223)
Brazil Pharma SA	UBS Securities LLC	Call	BRL	13.50	6/17/13	30,000	(2,227)
Chugai Pharmaceutical Co. Ltd.	Citigroup Global Markets, Inc.	Call	JPY	2,542.80	6/17/13	16,600	(13,114)
AbbVie, Inc.	Citigroup Global Markets, Inc.	Call	USD	43.36	6/26/13	47,400	(159,038)
Total							\$ (1,286,476)

Fair Value Measurements Various inputs are used in determining the fair value of investments and derivative financial instruments. These inputs to valuation techniques are categorized into a disclosure hierarchy consisting of three broad levels for financial statement purposes as follows:

Level 1 unadjusted price quotations in active markets/exchanges for identical assets and liabilities that the Trust has the ability to access

Level 2 other observable inputs (including, but not limited to, quoted prices for similar assets or liabilities in markets that are active, quoted prices for identical or similar assets or liabilities in markets that are not active, inputs other than quoted prices that are observable for the assets or liabilities (such as interest rates, yield curves, volatilities, prepayment speeds, loss severities, credit risks and default rates) or other market-corroborated inputs)

Level 3 unobservable inputs based on the best information available in the circumstances, to the extent observable inputs are not available (including the Trust's own assumptions used in determining the fair value of investments and derivative financial instruments)

The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). Accordingly, the degree of judgment exercised in determining fair value is greatest for instruments categorized in Level 3. The inputs used to measure fair value may fall into different levels of the fair value hierarchy. In such cases, for disclosure purposes, the level in the fair value hierarchy within which the fair value measurement falls in its entirety is determined based on the lowest level input that is significant to the fair value measurement in its entirety.

Changes in valuation techniques may result in transfers into or out of an assigned level within the disclosure hierarchy. In accordance with the Trust's policy, transfers between different levels of the fair value disclosure hierarchy are deemed to have occurred as of the beginning of the reporting period. The categorization of a value determined for investments and derivative financial instruments is based on the pricing transparency of the investment and derivative financial instrument and is not necessarily an indication of the risks associated with investing in those securities. For information about the Trust's policy regarding valuation of investments and derivative financial instruments and other significant accounting policies, please refer to Note 1 of the Notes to Financial Statements.

The following tables summarize the Trust's investments and derivative financial instruments categorized in the disclosure hierarchy as of April 30, 2013:

	Level 1	Level 2	Level 3	Total
Assets:				
Investments:				
Long-Term Investments:				
Common Stocks:				
Biotechnology	\$ 65,660,365	\$ 1,263,851	\$ 384,116	\$ 67,308,332
Diversified Consumer Services	1,875,368			1,875,368
Food & Staples Retailing	4,267,574			4,267,574
Health Care Equipment & Supplies	34,927,041			34,927,041

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

Health Care Providers & Services	27,462,809		27,462,809
Health Care Technology	2,051,524		2,051,524
Industrial Conglomerates		1,376,513	1,376,513
Life Sciences Tools & Services	9,774,235	404,746	10,178,981
Pharmaceuticals	56,002,295	37,817,891	93,820,186
Short-Term Securities	4,443,975		4,443,975
Total	\$ 206,465,186	\$ 40,863,001	\$ 384,116 \$ 247,712,303

See Notes to Financial Statements.

SEMI-ANNUAL REPORT

APRIL 30, 2013

63

Table of Contents

Schedule of Investments (concluded)

BlackRock Health Sciences Trust (BME)

	Level 1	Level 2	Level 3	Total
Derivative Financial Instruments ¹				
Assets:				
Foreign currency exchange contracts	\$ 16			\$ 16
Liabilities:				
Equity contracts	(2,186,992)	\$ (1,461,006)		(3,647,998)
Foreign currency exchange contracts	(289)			(289)
Total	\$ (2,187,265)	\$ (1,461,006)		\$ (3,648,271)

¹ Derivative financial instruments are foreign currency exchange contracts and options written. Foreign currency exchange contracts are valued at the unrealized appreciation/ depreciation on the instrument and options written are shown at value.

Certain of the Trust's assets are held at carrying amount, which approximates fair value for financial statement purposes. As of April 30, 2013, such assets are categorized within the disclosure hierarchy as follows:

	Level 1	Level 2	Level 3	Total
Assets:				
Foreign currency at value	\$ 49,761			\$ 49,761
Cash pledged as collateral for options written	1,174,951			1,174,951
Total	\$ 1,224,712			\$ 1,224,712

Certain of the Trust's investments that are categorized as Level 3 were valued utilizing transaction prices or third party pricing information without adjustment. Such valuations are based on unobservable inputs. A significant change in third party information inputs could result in a significantly lower or higher value of such Level 3 investments.

There were no transfers between levels during the six months ended April 30, 2013.

See Notes to Financial Statements.

Table of Contents**Schedule of Investments** April 30, 2013 (Unaudited)**BlackRock International Growth and Income Trust (BGY)**
(Percentages shown are based on Net Assets)

	Shares	Value
Common Stocks		
Australia 0.8%		
CSL Ltd.	114,660	\$ 7,493,360
Belgium 3.2%		
Ageas	142,800	5,229,798
Anheuser-Busch InBev NV	143,046	13,742,516
KBC Groep NV	304,646	11,924,136
		30,896,450
Canada 0.4%		
Gildan Activewear, Inc. (a)	88,000	3,538,518
Cayman Islands 1.0%		
Eurasia Drilling Co. Ltd. GDR	240,101	9,387,949
China 0.2%		
Tencent Holdings Ltd.	56,900	1,962,951
Finland 1.0%		
Konecranes OYJ	251,800	9,157,323
France 6.3%		
Publicis Groupe SA	108,500	7,547,404
Rexel SA	448,576	9,868,518
Safran SA	103,200	5,068,057
Sanofi	265,800	28,737,134
Technip SA	43,100	4,622,921
Valeo SA	80,800	4,692,663
		60,536,697
Germany 7.0%		
Bayer AG	134,000	14,009,235
Brenntag AG	27,600	4,705,227
Deutsche Lufthansa AG	277,300	5,552,211
Deutsche Wohnen AG	525,000	9,258,711
KUKA AG (b)	112,200	5,068,231
LEG Immobilien AG (b)	95,700	5,268,144
Linde AG	26,300	4,979,738
SAP AG	55,600	4,432,542
SAP AG ADR (a)	110,100	8,791,485
Volkswagen AG, Preference Shares	24,900	5,056,657
		67,122,181
Hong Kong 5.1%		
AIA Group Ltd.	3,588,000	15,961,072
Cheung Kong Holdings Ltd.	505,000	7,621,315
Jardine Matheson Holdings Ltd.	107,600	6,986,468
Melco Crown Entertainment Ltd. ADR (a)(b)	344,200	8,470,762
Wharf Holdings Ltd.	1,103,600	9,857,467
		48,897,084
India 0.6%		
Jubilant Foodworks Ltd. (b)	280,533	5,783,401
Indonesia 2.4%		
Global Mediacom Tbk PT	16,672,000	3,734,523
Indofood Sukses Makmur Tbk PT	8,482,300	6,420,242
Matahari Department Store Tbk PT (b)	7,734,100	9,625,365
Tower Bersama Infrastructure Tbk PT (b)	5,636,700	3,278,542
		23,058,672
Ireland 3.0%		
Accenture Plc, Class A (a)	79,600	6,482,624

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

Bank of Ireland (b)	16,364,200	3,645,799
DCC Plc	413,689	15,134,403
Kingspan Group Plc	251,913	3,045,203
		28,308,029
Italy 3.5%		
Banca Generali SpA	465,700	9,598,205
Eni SpA (a)	800,500	19,105,061
Common Stocks	Shares	Value
Italy (concluded)		
Telecom Italia SpA (a)	5,840,100	\$ 4,960,589
Telecom Italia SpA ADR (a)	13,517	112,732
		33,776,587
Japan 12.2%		
Honda Motor Co. Ltd.	382,000	15,242,741
Hulic Co. Ltd.	491,500	5,465,996
ITOCHU Corp.	704,600	8,736,651
JGC Corp.	208,000	6,163,324
Kenedix Realty Investment Corp. REIT	969	4,545,758
Kubota Corp.	345,800	4,966,975
Nabtesco Corp.	246,400	5,437,404
ORIX Corp. (b)	1,241,600	19,051,494
Softbank Corp.	148,700	7,374,618
Sumitomo Mitsui Financial Group, Inc.	245,200	11,589,956
Tokio Marine Holdings, Inc.	217,200	6,902,547
Toyota Motor Corp.	232,100	13,470,586
Yahoo Japan Corp.	15,683	7,842,707
		116,790,757
Malaysia 0.4%		
Astro Malaysia Holdings Bhd	4,030,800	3,910,789
Mexico 1.0%		
Fomento Economico Mexicano SAB de CV ADR (a)	85,700	9,717,523
Netherlands 4.4%		
Aalberts Industries NV	226,752	5,081,039
ASML Holding NV	104,732	7,793,414
European Aeronautic Defence and Space Co. NV	270,300	14,280,403
ING Groep NV (b)	620,500	5,111,583
Ziggo NV	261,600	9,355,085
		41,621,524
Spain 0.4%		
Duro Felguera SA	583,500	4,155,408
Sweden 1.5%		
Svenska Cellulosa AB, B Shares	555,440	14,468,568
Switzerland 18.8%		
GAM Holding AG	443,044	7,835,200
Glencore International Plc	3,345,600	16,471,534
Holcim Ltd.	89,479	6,979,810
Nestle SA	288,400	20,566,527
Novartis AG	294,600	21,808,527
Partners Group Holding AG	33,600	8,620,581
Roche Holding AG	174,700	43,734,508
Swiss Re AG	229,688	18,278,936
Syngenta AG	48,400	20,691,939
Transocean Ltd. (b)	163,600	8,420,492
UBS AG	321,300	5,731,485
		179,139,539
Taiwan 0.8%		
MediaTek, Inc.	611,000	7,456,376
Thailand 0.9%		
Bangkok Bank PCL NVDR	611,100	4,715,702
Charoen Pokphand Foods PCL	3,221,600	3,485,036
		8,200,738

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

United Kingdom 23.5%

Aberdeen Asset Management Plc	1,706,987	11,915,295
APR Energy Plc	822,449	10,588,938
Aveva Group Plc	135,056	4,661,947
Babcock International Group Plc	585,500	9,742,754

See Notes to Financial Statements.

SEMI-ANNUAL REPORT

APRIL 30, 2013

65

Table of Contents**Schedule of Investments (continued)****BlackRock International Growth and Income Trust (BGY)**
(Percentages shown are based on Net Assets)

	Shares	Value
Common Stocks		
United Kingdom (concluded)		
Barclays Plc ADR (a)	1,168,200	\$ 21,004,236
BG Group Plc	522,500	8,820,500
British American Tobacco Plc	268,000	14,856,648
Crest Nicholson Holdings Plc (b)	2,869,300	14,217,915
Diageo Plc	607,600	18,554,641
Domino's Pizza Group Plc	491,000	4,969,683
DS Smith Plc	1,955,549	7,086,841
esure Group Plc (b)	2,937,687	13,564,277
Hargreaves Lansdown Plc	430,677	6,558,977
HSBC Holdings Plc	606,600	6,643,477
Inchcape Plc	622,520	4,852,992
Intertek Group Plc	233,000	11,986,615
Jardine Lloyd Thompson Group Plc	360,900	4,758,718
Perform Group Plc (b)	793,444	6,393,847
Rexam Plc	1,015,150	8,151,102
Rotork Plc	227,762	10,304,245
SABMiller Plc	145,800	7,866,967
Travis Perkins Plc	213,500	4,763,774
Tullow Oil Plc	187,600	2,924,258
Unilever Plc	218,700	9,475,556
		224,664,203
Common Stocks		
United States 0.8%		
Sirona Dental Systems, Inc. (a)(b)	96,600	\$ 7,103,963
Total Long-Term Investments		
(Cost \$836,661,912) 99.2%		947,148,590
Short-Term Securities		
BlackRock Liquidity Funds, TempFund, Institutional Class, 0.08% (c)(d)	15,189,301	15,189,301
Total Short-Term Securities		
(Cost \$15,189,301) 1.6%		15,189,301
Total Investments Before Options Written		
(Cost \$851,851,213) 100.8%		962,337,891
Options Written		
(Premiums Received \$11,758,694) (1.8)%		(17,250,586)
Total Investments Net of Options Written 99.0%		945,087,305
Other Assets Less Liabilities 1.0%		9,777,074
Net Assets 100.0%		\$ 954,864,379

Notes to Schedule of Investments

(a) All or a portion of security has been pledged/segregated as collateral in connection with outstanding options written.

(b) Non-income producing security.

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

(c) Represents the current yield as of report date.

(d) Investments in issuers considered to be an affiliate of the Trust during the six months ended April 30, 2013, for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

Affiliate	Shares Held at October 31, 2012	Net Activity	Shares Held at April 30, 2013	Income	Realized Gain
BlackRock Liquidity Funds, TempFund, Institutional Class	11,164,990	4,024,311	15,189,301	\$ 6,767	\$ 108

Foreign currency exchange contracts as of April 30, 2013 were as follows:

Currency		Currency		Counterparty	Settlement Date	Unrealized Appreciation (Depreciation)
Purchased		Sold				
GBP	248,000	USD	385,318	RBS Securities Inc.	5/01/13	\$ (87)
EUR	3,306,000	USD	4,343,337	Credit Suisse First Boston	5/02/13	10,501
GBP	607,000	USD	941,427	Goldman Sachs & co.	5/02/13	1,457
Total						\$ 11,871

See Notes to Financial Statements.

Table of Contents**Schedule of Investments (continued)****BlackRock International Growth and Income Trust (BGY)**

Exchange-traded options written as of April 30, 2013 were as follows:

Description	Put/ Call	Strike		Expiration Date	Contracts	Market Value
		Price				
Barclays Plc ADR	Call	USD	20.25	5/13/13	650	\$ (709)
Telecom Italia SpA ADR	Call	USD	8.40	5/13/13	135	(3,508)
Eni SpA	Call	EUR	18.50	5/17/13	523	(66,731)
Telecom Italia SpA	Call	EUR	0.66	5/17/13	880	(32,582)
Telecom Italia SpA	Call	EUR	0.68	5/17/13	880	(24,151)
Accenture Plc, Class A	Call	USD	80.00	5/20/13	450	(96,750)
Barclays Plc ADR	Call	USD	18.00	5/20/13	675	(25,312)
Barclays Plc ADR	Call	USD	19.00	5/20/13	740	(5,550)
Melco Crown Entertainment Ltd. ADR	Call	USD	22.00	5/20/13	1,045	(292,600)
Sirona Dental Systems, Inc.	Call	USD	75.00	5/20/13	165	(28,875)
Telecom Italia SpA	Call	EUR	0.70	6/21/13	58	(2,122)
Barclays Plc ADR	Call	USD	18.00	6/24/13	675	(50,625)
Barclays Plc ADR	Call	USD	19.00	6/24/13	500	(17,500)
Gildan Activewear, Inc.	Call	CAD	42.00	6/24/13	485	(51,030)
Melco Crown Entertainment Ltd. ADR	Call	USD	24.00	6/24/13	848	(152,640)
Total						\$ (850,685)

Over-the-counter options written as of April 30, 2013 were as follows:

Description	Counterparty	Put/ Call	Strike		Expiration Date	Contracts	Market Value
			Price				
Transocean Ltd.	Citigroup Global Markets, Inc.	Call	USD	52.00	5/02/13	46,100	\$ (6,594)
Sirona Dental Systems, Inc.	UBS Securities LLC	Call	USD	70.99	5/06/13	37,800	(114,060)
AIA Group Ltd.	Morgan Stanley & Co., Inc.	Call	HKD	34.11	5/07/13	2,919,600	(243,754)
CSL Ltd.	Citigroup Global Markets, Inc.	Call	AUD	60.33	5/07/13	55,000	(160,072)
Hulic Co. Ltd.	JPMorgan Chase Securities	Call	JPY	768.75	5/07/13	491,500	(1,579,346)
Jardine Matheson Holdings Ltd.	UBS Securities LLC	Call	USD	69.26	5/07/13	60,800	(1,703)
JGC Corp.	Banc of America Securities	Call	JPY	2,505.12	5/07/13	56,000	(218,221)
JGC Corp.	UBS Securities LLC	Call	JPY	2,604.35	5/07/13	103,000	(296,892)
Kubota Corp.	UBS Securities LLC	Call	JPY	1,173.97	5/07/13	345,000	(789,311)
Nabtesco Corp.	Goldman Sachs & Co.	Call	JPY	1,772.19	5/07/13	139,000	(538,704)
Barclays Plc ADR	Banc of America Securities	Call	USD	19.99	5/13/13	159,000	(654)
Babcock International Group Plc	Deutsche Bank Securities Corp.	Call	GBP	10.93	5/14/13	84,000	(9,234)
Bank of Ireland	JPMorgan Chase Securities	Call	EUR	0.17	5/14/13	9,000,000	(77,165)
Deutsche Lufthansa AG	Deutsche Bank Securities Corp.	Call	EUR	16.20	5/14/13	252,900	(32,495)
Deutsche Wohnen AG	Citigroup Global Markets, Inc.	Call	EUR	14.39	5/14/13	52,700	(1,502)
Diageo Plc	Deutsche Bank Securities Corp.	Call	GBP	20.20	5/14/13	263,000	(24,329)
DS Smith Plc	Morgan Stanley & Co., Inc.	Call	GBP	2.37	5/14/13	362,700	(23,493)
Duro Felguera SA	Goldman Sachs & Co.	Call	EUR	5.43	5/14/13	55,000	(4,546)
Eurasia Drilling Co. Ltd. GDR	Morgan Stanley & Co., Inc.	Call	USD	35.70	5/14/13	20,800	(72,179)
Hargreaves Lansdown Plc	Goldman Sachs & Co.	Call	GBP	8.79	5/14/13	242,800	(384,322)
Inchcape Plc	Goldman Sachs & Co.	Call	GBP	5.23	5/14/13	127,200	(3,861)
ING Groep NV	JPMorgan Chase Securities	Call	EUR	5.95	5/14/13	340,000	(165,584)
Intertek Group Plc	Morgan Stanley & Co., Inc.	Call	GBP	34.68	5/14/13	59,100	(4,258)
Jardine Lloyd Thompson Group Plc	Morgan Stanley & Co., Inc.	Call	GBP	8.59	5/14/13	30,000	(3,210)
Konecranes OYJ	Morgan Stanley & Co., Inc.	Call	EUR	26.99	5/14/13	70,200	(91,780)
Linde AG	Deutsche Bank Securities Corp.	Call	EUR	134.59	5/14/13	14,800	(182,193)
Partners Group Holding AG	Banc of America Securities	Call	CHF	234.73	5/14/13	4,800	(22,656)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

Publicis Groupe SA	Morgan Stanley & Co., Inc.	Call	EUR	52.63	5/14/13	61,100	(79,931)
Rexam Plc	Citigroup Global Markets, Inc.	Call	GBP	5.32	5/14/13	420,000	(19,277)
Rotork Plc	Goldman Sachs & Co.	Call	GBP	29.34	5/14/13	30,900	(21,473)
Technip SA	Morgan Stanley & Co., Inc.	Call	EUR	85.15	5/14/13	24,400	(7,764)

See Notes to Financial Statements.

SEMI-ANNUAL REPORT

APRIL 30, 2013

67

Table of Contents**Schedule of Investments (continued)****BlackRock International Growth and Income Trust (BGY)**

Over-the-counter options written as of April 30, 2013 were as follows: (continued)

Description	Counterparty	Put/ Call	Strike		Expiration Date	Contracts	Market Value
				Price			
Unilever Plc	Morgan Stanley & Co., Inc.	Call	GBP	28.47	5/14/13	78,500	\$ (9,931)
Ageas	Deutsche Bank Securities Corp.	Call	EUR	27.42	5/28/13	38,600	(60,934)
Ageas	UBS Securities LLC	Call	EUR	26.75	5/28/13	42,000	(81,082)
ASML Holding NV	Morgan Stanley & Co., Inc.	Call	EUR	54.34	5/28/13	78,400	(321,756)
Aveva Group Plc	Deutsche Bank Securities Corp.	Call	GBP	23.05	5/28/13	14,600	(4,787)
Aveva Group Plc	Morgan Stanley & Co., Inc.	Call	GBP	22.80	5/28/13	9,600	(4,350)
Babcock International Group Plc	Deutsche Bank Securities Corp.	Call	GBP	11.04	5/28/13	40,100	(5,704)
Bayer AG	UBS Securities LLC	Call	EUR	80.73	5/28/13	50,000	(88,991)
Bayer AG	UBS Securities LLC	Call	EUR	82.44	5/28/13	23,700	(23,515)
BG Group Plc	Morgan Stanley & Co., Inc.	Call	GBP	11.65	5/28/13	297,900	(50,332)
Deutsche Wohnen AG	Citigroup Global Markets, Inc.	Call	EUR	13.89	5/28/13	59,000	(13,380)
Domino's Pizza Group Plc	Morgan Stanley & Co., Inc.	Call	GBP	6.45	5/28/13	135,000	(48,375)
DS Smith Plc	Morgan Stanley & Co., Inc.	Call	GBP	2.37	5/28/13	362,700	(32,293)
DS Smith Plc	Morgan Stanley & Co., Inc.	Call	GBP	2.38	5/28/13	350,200	(28,912)
Duro Felguera SA	Citigroup Global Markets, Inc.	Call	EUR	5.43	5/28/13	60,000	(6,700)
Eurasia Drilling Co. Ltd. GDR	Morgan Stanley & Co., Inc.	Call	USD	37.01	5/28/13	20,800	(54,375)
GAM Holding AG	Citigroup Global Markets, Inc.	Call	CHF	16.89	5/28/13	56,300	(18,555)
GAM Holding AG	Goldman Sachs & Co.	Call	CHF	16.15	5/28/13	94,043	(77,127)
Holcim Ltd.	Goldman Sachs & Co.	Call	CHF	76.22	5/28/13	87,100	(53,899)
Inchcape Plc	Citigroup Global Markets, Inc.	Call	GBP	5.13	5/28/13	111,900	(11,772)
Inchcape Plc	Citigroup Global Markets, Inc.	Call	GBP	5.23	5/28/13	111,900	(6,898)
Jardine Lloyd Thompson Group Plc	Morgan Stanley & Co., Inc.	Call	GBP	8.24	5/28/13	30,000	(14,258)
Nestle SA	Deutsche Bank Securities Corp.	Call	CHF	68.82	5/28/13	162,700	(38,973)
Partners Group Holding AG	Goldman Sachs & Co.	Call	CHF	237.31	5/28/13	4,800	(17,671)
Rexam Plc	Morgan Stanley & Co., Inc.	Call	GBP	5.30	5/28/13	269,000	(26,650)
Rexel SA	Deutsche Bank Securities Corp.	Call	EUR	17.87	5/28/13	126,500	(15,107)
Roche Holding AG	Deutsche Bank Securities Corp.	Call	CHF	233.41	5/28/13	8,400	(35,815)
Roche Holding AG	Morgan Stanley & Co., Inc.	Call	CHF	215.74	5/28/13	57,400	(1,053,361)
Roche Holding AG	Morgan Stanley & Co., Inc.	Call	CHF	221.39	5/28/13	9,200	(118,407)
Rotork Plc	Morgan Stanley & Co., Inc.	Call	GBP	29.49	5/28/13	34,000	(29,980)
SABMiller Plc	Citigroup Global Markets, Inc.	Call	GBP	35.10	5/28/13	83,000	(71,952)
Sanofi	Citigroup Global Markets, Inc.	Call	EUR	76.02	5/28/13	70,400	(574,840)
Sanofi	Citigroup Global Markets, Inc.	Call	EUR	79.40	5/28/13	27,300	(120,606)
Sanofi	Citigroup Global Markets, Inc.	Call	EUR	79.58	5/28/13	31,000	(131,854)
Sanofi	Citigroup Global Markets, Inc.	Call	EUR	82.37	5/28/13	17,400	(36,037)
Svenska Cellulosa AB, B Shares	Deutsche Bank Securities Corp.	Call	SEK	157.70	5/28/13	313,300	(561,600)
Swiss Re AG	Banc of America Securities	Call	CHF	75.62	5/28/13	10,974	(11,296)
Swiss Re AG	Goldman Sachs & Co.	Call	CHF	73.68	5/28/13	122,404	(242,433)
Syngenta AG	Deutsche Bank Securities Corp.	Call	CHF	418.62	5/28/13	27,300	(43,924)
Travis Perkins Plc	Goldman Sachs & Co.	Call	GBP	14.98	5/28/13	58,700	(11,515)
Tullow Oil Plc	Morgan Stanley & Co., Inc.	Call	GBP	12.38	5/28/13	187,000	(1,469)
UBS AG	Deutsche Bank Securities Corp.	Call	CHF	15.27	5/28/13	321,300	(475,224)
Fomento Economico Mexicano SAB de CV ADR	Goldman Sachs & Co.	Call	USD	125.53	5/29/13	29,500	(6,371)
Cheung Kong Holdings Ltd.	JPMorgan Chase Securities	Call	HKD	115.52	5/30/13	278,000	(109,931)
Honda Motor Co. Ltd.	Goldman Sachs & Co.	Call	JPY	4,033.60	5/30/13	210,100	(168,442)
ITOCHU Corp.	UBS Securities LLC	Call	JPY	1,254.04	5/30/13	387,500	(85,663)
MediaTek, Inc.	JPMorgan Chase Securities	Call	TWD	354.05	5/30/13	336,000	(140,935)
ORIX Corp.	Goldman Sachs & Co.	Call	JPY	1,490.09	5/30/13	682,900	(623,586)
Softbank Corp.	UBS Securities LLC	Call	JPY	4,863.31	5/30/13	129,900	(302,905)
Sumitomo Mitsui Financial Group, Inc.	UBS Securities LLC	Call	JPY	4,727.70	5/30/13	134,900	(222,034)

See Notes to Financial Statements.

Table of Contents**Schedule of Investments (continued)****BlackRock International Growth and Income Trust (BGY)**

Over-the-counter options written as of April 30, 2013 were as follows: (continued)

Description	Counterparty	Put/ Call	Strike		Expiration Date	Contracts	Market Value
			Price				
Tokio Marine Holdings, Inc.	Goldman Sachs & Co.	Call	JPY	3,310.77	5/30/13	119,500	\$ (62,139)
Toyota Motor Corp.	Goldman Sachs & Co.	Call	JPY	5,606.07	5/30/13	127,700	(281,110)
Wharf Holdings Ltd.	Citigroup Global Markets, Inc.	Call	HKD	68.48	5/30/13	607,000	(185,568)
Yahoo Japan Corp.	Citigroup Global Markets, Inc.	Call	JPY	46,587.34	5/30/13	8,600	(280,658)
Transocean Ltd.	Citigroup Global Markets, Inc.	Call	USD	55.00	6/03/13	46,100	(23,628)
Aalberts Industries NV	Banc of America Securities	Call	EUR	17.47	6/04/13	23,500	(6,466)
Aberdeen Asset Management Plc	Goldman Sachs & Co.	Call	GBP	4.36	6/04/13	407,200	(145,463)
Anheuser-Busch InBev NV	Citigroup Global Markets, Inc.	Call	EUR	74.74	6/04/13	24,400	(41,474)
Anheuser-Busch InBev NV	Morgan Stanley & Co., Inc.	Call	EUR	78.58	6/04/13	54,300	(25,610)
Aveva Group Plc	Goldman Sachs & Co.	Call	GBP	22.80	6/04/13	8,700	(4,611)
Babcock International Group Plc	Goldman Sachs & Co.	Call	GBP	10.92	6/04/13	32,000	(7,332)
Deutsche Wohnen AG	Goldman Sachs & Co.	Call	EUR	14.79	6/04/13	59,000	(2,403)
Domino's Pizza Group Plc	Morgan Stanley & Co., Inc.	Call	GBP	6.51	6/04/13	135,000	(46,980)
Duro Felguera SA	Goldman Sachs & Co.	Call	EUR	5.38	6/04/13	60,000	(9,163)
Eurasia Drilling Co. Ltd. GDR	UBS Securities LLC	Call	USD	36.22	6/04/13	20,100	(66,849)
GAM Holding AG	Citigroup Global Markets, Inc.	Call	CHF	16.89	6/04/13	56,300	(21,212)
Glencore International Plc	Citigroup Global Markets, Inc.	Call	GBP	3.65	6/04/13	1,102,600	(13,535)
Glencore International Plc	Morgan Stanley & Co., Inc.	Call	GBP	3.32	6/04/13	737,500	(60,258)
HSBC Holdings Plc	Goldman Sachs & Co.	Call	GBP	7.16	6/04/13	345,500	(54,153)
Intertek Group Plc	Morgan Stanley & Co., Inc.	Call	GBP	34.86	6/04/13	73,600	(16,450)
Jardine Lloyd Thompson Group Plc	Morgan Stanley & Co., Inc.	Call	GBP	8.59	6/04/13	30,000	(5,952)
KBC Groep NV	Citigroup Global Markets, Inc.	Call	EUR	27.28	6/04/13	167,600	(573,529)
Konecranes OYJ	Goldman Sachs & Co.	Call	EUR	28.44	6/04/13	33,300	(28,420)
Konecranes OYJ	Morgan Stanley & Co., Inc.	Call	EUR	27.21	6/04/13	35,000	(53,815)
Novartis AG	Citigroup Global Markets, Inc.	Call	CHF	67.52	6/04/13	96,600	(214,631)
Novartis AG	Citigroup Global Markets, Inc.	Call	CHF	69.55	6/04/13	33,600	(34,131)
Novartis AG	Morgan Stanley & Co., Inc.	Call	CHF	68.23	6/04/13	31,900	(54,256)
Partners Group Holding AG	Citigroup Global Markets, Inc.	Call	CHF	240.76	6/04/13	4,200	(11,501)
Partners Group Holding AG	Goldman Sachs & Co.	Call	CHF	236.34	6/04/13	4,700	(23,421)
Rexam Plc	Morgan Stanley & Co., Inc.	Call	GBP	5.30	6/04/13	269,000	(29,843)
Rexel SA	Deutsche Bank Securities Corp.	Call	EUR	17.87	6/04/13	126,500	(20,153)
Roche Holding AG	Goldman Sachs & Co.	Call	CHF	232.16	6/04/13	21,100	(110,252)
Safran SA	Citigroup Global Markets, Inc.	Call	EUR	36.55	6/04/13	56,700	(109,416)
SAP AG	Goldman Sachs & Co.	Call	EUR	63.62	6/04/13	31,500	(18,398)
Volkswagen AG, Preference Shares	Goldman Sachs & Co.	Call	EUR	160.70	6/04/13	21,300	(62,046)
Ziggo NV	Banc of America Securities	Call	EUR	27.87	6/04/13	35,300	(20,045)
Ziggo NV	Deutsche Bank Securities Corp.	Call	EUR	28.90	6/04/13	108,600	(85,418)
Fomento Economico Mexicano SAB de CV ADR	Deutsche Bank Securities Corp.	Call	USD	123.98	6/10/13	17,500	(5,478)
Aalberts Industries NV	Banc of America Securities	Call	EUR	17.47	6/11/13	23,500	(7,440)
Aalberts Industries NV	UBS Securities LLC	Call	EUR	17.52	6/11/13	27,100	(7,955)
Aveva Group Plc	Banc of America Securities	Call	GBP	22.73	6/11/13	17,300	(11,183)
Duro Felguera SA	Goldman Sachs & Co.	Call	EUR	5.39	6/11/13	43,000	(6,879)
Eurasia Drilling Co. Ltd. GDR	Morgan Stanley & Co., Inc.	Call	USD	40.34	6/11/13	16,500	(18,620)
GAM Holding AG	UBS Securities LLC	Call	CHF	16.93	6/11/13	37,000	(14,923)
KUKA AG	Goldman Sachs & Co.	Call	EUR	33.15	6/11/13	30,900	(107,428)
Travis Perkins Plc	Goldman Sachs & Co.	Call	GBP	14.98	6/11/13	58,700	(17,650)
Aberdeen Asset Management Plc	Banc of America Securities	Call	GBP	4.23	6/13/13	531,700	(272,155)
Aveva Group Plc	Goldman Sachs & Co.	Call	GBP	22.80	6/13/13	8,700	(5,518)
Babcock International Group Plc	Morgan Stanley & Co., Inc.	Call	GBP	10.44	6/13/13	77,500	(49,381)
British American Tobacco Plc	Banc of America Securities	Call	GBP	36.16	6/13/13	147,400	(147,744)

Edgar Filing: BlackRock Health Sciences Trust - Form N-CSRS

See Notes to Financial Statements.

SEMI-ANNUAL REPORT

APRIL 30, 2013

69

Table of Contents

Schedule of Investments (continued)

BlackRock International Growth and Income Trust (BGY)

Over-the-counter options written as of April 30, 2013 were as follows: (concluded)

Description	Counterparty	Put/ Call		Strike Price	Expiration Date	Contracts	Market Value
Deutsche Wohnen AG	Goldman Sachs & Co.	Call	EUR	13.79	6/13/13	59,000	\$ (19,275)
Diageo Plc	Goldman Sachs & Co.	Call	GBP	20.05	6/13/13	71,200	(29,694)
Eurasia Drilling Co. Ltd. GDR	Morgan Stanley & Co., Inc.	Call	USD	37.50	6/13/13	20,000	(51,566)
European Aeronautic Defence and Space Co. NV	Goldman Sachs & Co.	Call	EUR	39.25	6/13/13	101,000	(273,607)
European Aeronautic Defence and Space Co. NV	Morgan Stanley & Co., Inc.	Call	EUR	39.23			