

Bush Jonathan  
Form 4  
December 01, 2010

**FORM 4**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
**Bush Jonathan**  
  
(Last) (First) (Middle)  
  
**C/O ATHENAHEALTH, INC., 311 ARSENAL STREET**  
  
(Street)  
  
**WATERTOWN, MA 02472**  
  
(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
**ATHENAHEALTH INC [ATHN]**

3. Date of Earliest Transaction (Month/Day/Year)  
**12/01/2010**

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer  
  
(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
**CEO and President**

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |         |   |                             |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|---|---------|---|-----------------------------|
|                                 |                                      |  |                                | (A) or (D)  | Price   |  |   |         |   |                             |
| Common Stock                    | 11/12/2010                           |  | G                              | V   | 244 <sup>(1)</sup>  | D  | \$ 0  | 411,647 | D |                             |
| Common Stock                    | 12/01/2010                           |  | M                              |   | 10,000  | A  | \$ 3.5  | 421,647 | D |                             |
| Common Stock                    | 12/01/2010                           |  | S                              |   | 10,000 <sup>(2)</sup>   | D  | \$ 41.32 <sup>(3)</sup>                               | 411,647 | D |                             |
| Common Stock                    |                                      |  |                                |   |   |  |   | 222,154 | I | See Footnote <sup>(4)</sup> |
|                                 |                                      |  |                                |   |   |  |   | 20,072  | I |                             |

Common  
Stock

See  
Footnote  
(5)

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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(9-02)

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned**  
(e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | Amount or Number of Shares |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|----------------------------|
| Stock Option (Right to Buy)                | \$ 3.5   | 12/01/2010                           |  | M                              | 10,000  | 04/27/2005 04/27/2015                                    | Common Stock  | 10,000                     |

## Reporting Owners

| Reporting Owner Name / Address   | Relationships |           |                   |       |
|--|---------------|-----------|-------------------|-------|
|  | Director      | 10% Owner | Officer           | Other |
| Bush Jonathan<br>C/O ATHENAHEALTH, INC.<br>311 ARSENAL STREET<br>WATERTOWN, MA 02472 | X             |           | CEO and President |       |

## Signatures

/s/ Daniel H. Orenstein  
Attorney-in-Fact

12/01/2010

\*\*Signature of Reporting Person

Date

## Explanation of Responses:

\* If the form is filed by more than one reporting person, see Instruction 4(b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

(1) These shares were a bona fide gift.

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- (2) These sales were made pursuant to a written trading plan adopted by the Reporting Person on May 4, 2010, in accordance with Rule 10b5-1.

This price represents the weighted average of sales ranging from \$41.17 to \$41.49. Upon request by the Commission staff, the Issuer, or a security holder of the Issuer, the Reporting Person will provide full information regarding the number of shares sold at each separate price.

- (3) These shares are owned by The Bush 2004 Gift Trust, the beneficiaries of which are certain of Mr. Bush's children. The Reporting Person disclaims beneficial ownership of these securities, and this report shall not be deemed an admission that the Reporting Person is the beneficial owner of the securities for purposes of Section 16 or for any other purpose.

- (4) These shares are owned by The Oscar W. Bush 2007 Gift Trust, the beneficiary of which is Mr. Bush's child. The Reporting Person disclaims beneficial ownership of these securities, and this report shall not be deemed an admission that the Reporting Person is the beneficial owner of the securities for purposes of Section 16 or for any other purpose.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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