

Bush Jonathan  
 Form 4  
 December 29, 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)  
**12/28/2010**  
  
 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 Ownership (Instr. 4)
			Code	V	Amount (A) or (D) Price		
Common Stock	12/28/2010		S		3,580 (1) \$ 40.84 (2)	I	See Footnote (3)
Common Stock	12/28/2010		S		500 (1) \$ 41.5 (4)	I	See Footnote (3)
Common Stock					411,647	D	
Common Stock					18,672	I	See Footnote (5)



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- This price represents the weighted average of sales ranging from \$41.45 to \$41.55. Upon request by the Commission staff, the Issuer, or a
- (4) security holder of the Issuer, the Reporting Person will provide full information regarding the number of shares sold at each separate price.

- These shares are owned by The Oscar W. Bush 2007 Gift Trust, the beneficiary of which is Mr. Bush's child. The Reporting Person
- (5) 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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