ATHENAHEALTH INC

Check this box if

no longer subject

to Section 16.

5 obligations

may continue.

Form 4 or Form

Form 5

February 13, 2014

FORM 5 **OMB APPROVAL OMB**

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

2005 Estimated average burden hours per response... 1.0

Number:

Expires:

3235-0362

January 31,

See Instruction Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, 1(b). Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

Reported Form 4

30(h) of the Investment Company Act of 1940

Transactions Reported

| 1. Name and Address of Reporting Person * Hull Brandon H | | | 2. Issuer Name and Ticker or Trading Symbol ATHENAHEALTH INC [ATHN] | 5. Relationship of Reporting Person(s) to Issuer | | |
|----------------------------------------------------------|----------|----------|----------------------------------------------------------------------------|--------------------------------------------------|--|--|
| (Last) | (First) | (Middle) | 3. Statement for Issuer's Fiscal Year Ended | (Check all applicable) | | |
| | | | (Month/Day/Year) | X Director 10% Owner | | |
| C/O CARDII | NAI. | | 12/31/2013 | Officer (give title Other (specify below) | | |
| PARTNERS, | · ·— | SSAU | | | | |
| STREET | | | | | | |
| | (Street) | | 4. If Amendment, Date Original Filed(Month/Day/Year) | 6. Individual or Joint/Group Reporting | | |

PRINCETON, NJÂ 08542

(State)

(Zip)

(City)

X Form Filed by One Reporting Person Form Filed by More than One Reporting

ative Conveiting Apprimed Disposed of an Danoficially O

(check applicable line)

| (- 3) | (/ | 1 able 1 - 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) (A) or Amount (D) Price | 5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | |
| Common Stock | 09/13/2013 | Â | G | 200 (1) D \$ 0 | 8,278 | D | Â | |
| Common Stock | 10/22/2013 | Â | G | 425 (1) D \$ 0 | 7,853 | D | Â | |

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

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SEC 2270 (9-02)

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

| | 1. Title of | 2. | 3. Transaction Date | 3A. Deemed | 4. | 5. | 6. Date Exer | cisable and | 7. Titl | le and | 8. Price of |
|--|-------------|-------------|---------------------|--------------------|-------------|-------------|--------------|-------------|-----------|----------|-------------|
| | Derivative | Conversion | (Month/Day/Year) | Execution Date, if | Transaction | Number | Expiration D | ate | Amou | ınt of | Derivative |
| | Security | or Exercise | | any | Code | of | (Month/Day/ | Year) | Under | rlying | Security |
| | (Instr. 3) | Price of | | (Month/Day/Year) | (Instr. 8) | Derivative | e | | Secur | ities | (Instr. 5) |
| | | Derivative | | | | Securities | | | (Instr. | 3 and 4) | |
| | | Security | | | | Acquired | | | | | |
| | | · | | | | (A) or | | | | | |
| | | | | | | Disposed | | | | | |
| | | | | | | of (D) | | | | | |
| | | | | | | (Instr. 3, | | | | | |
| | | | | | | 4, and 5) | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | Amount | |
| | | | | | | | Date | Expiration | . | or | |
| | | | | | | Exercisable | Date | | Number | | |
| | | | | | | | | | | of | |
| | | | | | | (A) (D) | | | | Shares | |

of D

Is

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | | |
|-------------------------------------------------------------------------------------|---------------|-----------|---------|-------|--|--|
| 1 0 | Director | 10% Owner | Officer | Other | | |
| Hull Brandon H C/O CARDINAL PARTNERS 230 NASSAU STREET PRINCETON, NJ 08542 | ÂX | Â | Â | Â | | |

Signatures

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

**Signature of Reporting Person

Date

02/13/2014

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) Represents a bona fide gift to the Princeton Area Community Foundation.

Note: File three copies of this Form, one of which must be manually signed. If space provided is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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