

ATHENAHEALTH INC  
Form 4  
September 22, 2008

**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 \*  
MacDonald James M.  
  
(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)  
09/18/2008

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)  
EVP and COO

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 or Price (A) or (D)  |  |                                   |
| Common Stock                    | 09/18/2008                           |  | M                              |   | 20,000 A \$ 6.58  | D  |                                   |
| Common Stock                    | 09/18/2008                           |  | S                              |   | 20,000 (1) D \$ 35 0  | D  |                                   |

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

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SEC 1474 (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 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)                | \$ 6.58  | 09/18/2008                           |  | M                              | 20,000  | 11/03/2006 11/03/2016                                    | Common Stock  | 20,000                     |

## Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |             |       |
|---|---------------|-----------|-------------|-------|
|   | Director      | 10% Owner | Officer     | Other |
| MacDonald James M.<br>C/O ATHENAHEALTH, INC.<br>311 ARSENAL STREET<br>WATERTOWN, MA 02472 |               |           | EVP and COO |       |

## Signatures

/s/ Daniel H. Orenstein  
Attorney-in-Fact  
Date: 09/22/2008

\*\*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) The sale reported on this Form 4 was made pursuant to a written trading plan adopted by the Reporting Person on May 9, 2008 in accordance with SEC Rule 10b5-1.

Note: File three copies of this Form, one of which must be manually signed. If space 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.