Nolin Christopher E. Form 4 October 01, 2008

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

5. Relationship of Reporting Person(s) to

(Check all applicable)

Issuer

3235-0287

Expires:

OMB APPROVAL

January 31, 2005

0.5

Estimated average burden hours per response...

if no longer subject to Section 16. Form 4 or Form 5 obligations may continue.

Check this box

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

2. Issuer Name and Ticker or Trading

ATHENAHEALTH INC [ATHN]

3. Date of Earliest Transaction

Symbol

1(b).

(Last)

Common

Stock

09/29/2008

(Print or Type Responses)

Nolin Christopher E.

1. Name and Address of Reporting Person *

(First)

(Middle)

See Instruction

	C/O ATHEN	(Month/Day/Year) 09/29/2008						Director 10% Owner _X_ Officer (give title Other (specify below) Senior VP, GC and Secretary						
(Street) 4. If Amen Filed(Mont WATERTOWN, MA 02472							U	1		6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person				
(City) (State) (Zip) Table I - Non-Derivative Securi								ities Acq	es Acquired, Disposed of, or Beneficially Owned					
	1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	Execution any		Code (Instr.		4. Securin(A) or Di (Instr. 3,	spose	d of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)			
	Common Stock	09/29/2008			S		40 (1)	D	\$ 33.26	162,260	I	See Footnote (2)		
	Common Stock	09/29/2008			S		40 (1)	D	\$ 33.44	162,220	I	See Footnote (2)		
	Common Stock	09/29/2008			S		40 (1)	D	\$ 33.86	162,180	I	See Footnote		

S

40 (1)

34.06

162,140

\$

D

(2)

See

Footnote

I

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								(2)
Common Stock	09/29/2008	S	40 (1)	D	\$ 34.2	162,100	I	See Footnote
Common Stock	09/29/2008	S	40 (1)	D	\$ 34.29	162,060	I	See Footnote
Common Stock	09/29/2008	S	40 (1)	D	\$ 34.5	162,020	I	See Footnote
Common Stock	09/29/2008	S	40 (1)	D	\$ 34.73	161,980	I	See Footnote
Common Stock	09/29/2008	S	40 (1)	D	\$ 34.91	161,940	I	See Footnote
Common Stock	09/29/2008	S	40 (1)	D	\$ 34.92	161,900	Ι	See Footnote

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474 (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. Transa Code (Instr.	8)	5. nNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	7. Tit Amou Under Secur (Instr	int of rlying	8. Price of Derivative Security (Instr. 5)
				Code	V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	

9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Nolin Christopher E. C/O ATHENAHEALTH, INC. 311 ARSENAL STREET WATERTOWN, MA 02472

Senior VP, GC and Secretary

Signatures

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

10/01/2008

**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 sales reported on this Form 4 were made pursuant to a written trading plan adopted by the trustee of The Nolin Investment Trust (see footnote 2) on January 22, 2008 in accordance with SEC Rule 10b5-1.
- These shares are owned by The Nolin Investment Trust, the beneficiaries of which are Mr. Nolin and his wife. 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. 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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