ALLEN LEE F MD PhD

Form 4

December 16, 2011

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

3235-0287 Number:

January 31,

OMB APPROVAL

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if no longer subject to Section 16. Form 4 or

Check this box

Form 5 obligations may continue. See Instruction

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

1(b).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person * ALLEN LEE F MD PhD

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Symbol

AMAG PHARMACEUTICALS INC. [AMAG]

(Check all applicable)

Chief Medical Officer and EVP

3. Date of Earliest Transaction

Director 10% Owner X_ Officer (give title Other (specify below)

(Month/Day/Year) 12/14/2011

C/O AMAG PHARMACEUTICALS, INC., 100

(Street)

(First)

(Middle)

HAYDEN AVENUE

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Applicable Line)

Filed(Month/Day/Year)

D

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

LEXINGTON, MA 02421

(City) (State) (Zip)

12/14/2011

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

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) (Instr. 3)

Execution Date, if (Month/Day/Year)

3. Transaction Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)

4. Securities Acquired (A) 5. Amount of Securities Beneficially Owned **Following** Reported

7. Nature of Indirect Ownership Form: Beneficial Direct (D) Ownership or Indirect (Instr. 4) (I)

(Instr. 4)

Transaction(s) (Instr. 3 and 4)

2,229

Code V Amount (D) Price

\$ 5,577 A 18.3762

(1)

(A)

D

Stock

Common

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	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title	and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transactio	onNumber	Expiration D	ate	Amoun	t of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underly	ying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securit	ies	(Instr. 5)	Bene
	Derivative				Securities			(Instr. 3	3 and 4)		Own
	Security				Acquired						Follo
	•				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									A manuat		
									Amount		
						Date	Expiration		Or Number		
						Exercisable	Date	Title Number of			
				C + V	(A) (D)						
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address				
	Director	10% Owner	Officer	Other

Relationships

ALLEN LEE F MD PhD Chief C/O AMAG PHARMACEUTICALS, INC. Medical Officer and 100 HAYDEN AVENUE **EVP** LEXINGTON, MA 02421

Signatures

Joseph L. Farmer, 12/16/2011 attorney-in-fact

**Signature of Reporting Person

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).

The shares sold on this date were sold in multiple transactions. The price is the weighted average sales price per share of all shares sold (1) on this day. The actual sales prices range from \$18.325-\$18.45. Upon request by the Securities and Exchange Commission, the issuer, or any security holder of the issuer, the reporting person will provide full information regarding the number of shares sold at each price.

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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