OvaScience, Inc. Form 4 March 05, 2015

## FORM 4

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

Check this box if no longer subject to Section 16. Form 4 or

### STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person \* Dipp Michelle

> (First) (Middle)

C/O OVASCIENCE, INC., 215 FIRST STREET, SUITE 240

(Street)

2. Issuer Name and Ticker or Trading Symbol

OvaScience, Inc. [OVAS]

3. Date of Earliest Transaction (Month/Day/Year)

03/03/2015

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

**OMB APPROVAL** 

3235-0287

January 31,

2005

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**OMB** 

Number:

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response...

Estimated average

burden hours per

(Check all applicable)

\_X\_\_ 10% Owner \_X\_\_ Director \_X\_\_ Officer (give title \_\_ Other (specify below)

Chief Executive Officer

6. Individual or Joint/Group Filing(Check

Applicable Line)

\_X\_ Form filed by One Reporting Person Form filed by More than One Reporting

Person

#### CAMBRIDGE, MA 02142

(City)	(State) (	(Zip) Table	e I - Non-D	erivative	Secur	ities Ac	quired, Disposed	of, or Benefici	ally Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquired Transaction(A) or Disposed of Code (D) (Instr. 8) (Instr. 3, 4 and 5)			5. Amount of 6. Securities Ownership Beneficially Form: Direct Owned (D) or Following Indirect (I)		7. Nature of Indirect Beneficial Ownership (Instr. 4)	
_			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(Instr. 4)	
Common Stock	03/03/2015		A	2,375	A	\$0	851,769	D	
Common Stock	03/03/2015		F	898 (1)	D	\$ 42.1	850,871 (2)	D	
Common Stock							1,520,607	I	By Longwood Fund, LP (3)
Common Stock							319,082	I	By Longwood Fund GP, LLC (4)

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

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SEC 1474 (9-02)

9. Nu Deriv Secur Bene Own Follo Repo Trans

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. Titl	le and	8. Price of	9
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	orNumber	Expiration D	ate	Amou	int of	Derivative	J
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	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		
							Date		Number		
									of		
				Code V	(A) (D)				Shares		

### **Reporting Owners**

Reporting Owner Name / Address	Relationships							
• 0	Director	10% Owner	Officer	Other				
Dipp Michelle C/O OVASCIENCE, INC. 215 FIRST STREET, SUITE 240 CAMBRIDGE, MA 02142	X	X	Chief Executive Officer					

# **Signatures**

/s/ William C. Hicks, Attorney-in-Fact 03/05/2015

\*\*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) Shares withheld by the Registrant to satisfy statutory withholding requirement upon grant of stock award.
- (2) Represents 819,969 shares of common stock and 30,902 RSUs.

The securities in this line are held directly by Longwood Fund, L.P. Longwood Fund GP, LLC is the general partner of Longwood Fund, L.P. Voting and investment power with respect to the shares held by Longwood Fund, LP are vested in Richard Aldrich, Michelle Dipp,

(3) M.D., Ph.D. and Christoph Westphal, M.D., Ph.D. (collectively, the "Managers"), the managers of Longwood Fund GP, LLC. Each of the Managers disclaims beneficial ownership of the shares held by Longwood Fund, L.P., except to the extent of their respective pecuniary interest therein, and the inclusion of these shares in the report shall not be deemed an admission of beneficial ownership of the shares for the purposes of Section 16 or for any other purpose.

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- The Managers are managers of Longwood Fund GP, LLC, and, as such, may be deemed to have shared voting and dispositive power with respect to the issuer's securities held by Longwood Fund, L.P. and by Longwood Fund GP, LLC. Each of the Managers disclaims
- (4) beneficial ownership of the shares held by Longwood Fund, L.P. and Longwood Fund GP, LLC, except to the extent of their respective pecuniary interest therein, and the inclusion of these shares in this report shall not be deemed an admission of beneficial ownership of the shares for purposes of Section 16 or 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.