

# AERIE PHARMACEUTICALS INC

Reported by  
**FORESITE CAPITAL FUND II, L.P.**

## **FORM 4**

(Statement of Changes in Beneficial Ownership)

Filed 05/31/17 for the Period Ending 05/26/17

Address	7020 KIT CREEK ROAD SUITE 270 RESEARCH TRIANGLE PARK, NC 27709
Telephone	919-313-9650
CIK	0001337553
Symbol	AERI
SIC Code	2836 - Biological Products, Except Diagnostic Substances
Industry	Biotechnology & Medical Research
Sector	Healthcare
Fiscal Year	12/31

# FORM 4

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

OMB APPROVAL  
OMB Number: 3235-0287  
Estimated average burden  
hours per response... 0.5

[ X ] 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 or  
Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person *		2. Issuer Name and Ticker or Trading Symbol		5. Relationship of Reporting Person(s) to Issuer (Check all applicable)	
Foresite Capital Management II, LLC		AERIE PHARMACEUTICALS INC [ AERI ]		<input type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)	
(Last)                      (First)                      (Middle)		3. Date of Earliest Transaction (MM/DD/YYYY)			
600 MONTGOMERY STREET, SUITE 4500		5/26/2017			
(Street)		4. If Amendment, Date Original Filed (MM/DD/YYYY)		6. Individual or Joint/Group Filing (Check Applicable Line)	
SAN FRANCISCO, CA 94111				<input type="checkbox"/> Form filed by One Reporting Person <input checked="" type="checkbox"/> Form filed by More than One Reporting Person	
(City)                      (State)                      (Zip)					

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

1. Title of Security (Instr. 3)	2. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. 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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	5/26/2017		S		9818	D	\$55.95	1672714	I	See Footnote (1)
Common Stock	5/26/2017		S		10182	D	\$55.95	1950477	I	See Footnote (2)

**Table II - Derivative Securities Beneficially Owned ( e.g. , puts, calls, warrants, options, convertible securities)**

1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. 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		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				

### Explanation of Responses:

- The shares are owned directly by Foresite Capital Fund II, L.P. ("FCF II"). Foresite Capital Management II, LLC ("FCM II"), the general partner of FCF II, may be deemed to have sole voting and dispositive power over these shares. James B. Tananbaum ("Mr. Tananbaum"), in his capacity as managing member of FCM II, may be deemed to have sole voting and dispositive power over these shares. Each Reporting Person disclaims the existence of a "group." Each of FCM II and its members and Mr. Tananbaum disclaims beneficial ownership of any of these shares except to the extent of any pecuniary interest therein, and the filing of this report is not an admission that FCM II and its members or Mr. Tananbaum is the beneficial owner of these shares for purposes of Section 16 or any other purpose.
- The shares are owned directly by Foresite Capital Fund III, L.P. ("FCF III"). Foresite Capital Management III, LLC ("FCM III"), the general partner of FCF III, may be deemed to have sole voting and dispositive power over these shares. Mr. Tananbaum, in his capacity as managing member of FCM III, may be deemed to have sole voting and dispositive power over these shares. Each Reporting Person disclaims the existence of a "group." Each of FCM III and its members and Mr. Tananbaum disclaims beneficial ownership of any of these shares except to the extent of any pecuniary interest therein, and the filing of this report is not an admission that FCM III and its members or Mr. Tananbaum is the beneficial owner of these shares for purposes of Section 16 or any other purpose.

### Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Foresite Capital Management II, LLC 600 MONTGOMERY STREET SUITE 4500 SAN FRANCISCO, CA 94111		X		
Foresite Capital Fund II, L.P.				

600 MONTGOMERY STREET SUITE 4500 SAN FRANCISCO, CA 94111		X		
Foresite Capital Fund III, L.P. 600 MONTGOMERY STREET SUITE 4500 SAN FRANCISCO, CA 94111		X		
Foresite Capital Management III, LLC 600 MONTGOMERY STREET SUITE 4500 SAN FRANCISCO, CA 94111		X		
Tananbaum James B. 600 MONTGOMERY STREET SUITE 4500 SAN FRANCISCO, CA 94111		X		

**Signatures**

**FORESITE CAPITAL MANAGEMENT II, LLC, By: James B. Tananbaum, Managing Member** **5/31/2017**

**\*\***Signature of Reporting Person

Date

**FORESITE CAPITAL FUND II, L.P., By: Foresite Capital Management II, LLC, Its: General Partner, By: /s/ James B. Tananbaum, Managing Member** **5/31/2017**

**\*\***Signature of Reporting Person

Date

**FORESITE CAPITAL FUND III, L.P., By: Foresite Capital Management III, LLC, Its: General Partner, By: /s/ James B. Tananbaum, Managing Member** **5/31/2017**

**\*\***Signature of Reporting Person

Date

**FORESITE CAPITAL MANAGEMENT III, LLC, By: /s/ James B. Tananbaum, Managing Member** **5/31/2017**

**\*\***Signature of Reporting Person

Date

**/s/ James B. Tananbaum** **5/31/2017**

**\*\***Signature of Reporting Person

Date

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

\* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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.