AERIE PHARMACEUTICALS INC Form SC 13G May 07, 2015

UNITED STATES SECURITIES AND EX Washington, D.C. 2054		IISSION
SCHEDULE 13G (Rule 13d-102)		
Information Statement Under the Securities Ex (Amendment No)*		
Aerie Pharmaceuticals, I (Name of Issuer)	nc.	
Common stock, par valu (Title of Class of Securit	_	
00771V108 (CUSIP Number)		
April 27, 2015 Date of Event Which Re	quires Filing of the	Statement
Check the appropriate bo	ox to designate the r	ule pursuant to which this Schedule is filed:
		Rule 13d-1(b)
	[X]	Rule 13d-1(c)
	[_]	Rule 13d-1(d)

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON 1. Partner Fund Management, L.P. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP 2. (a) [_] (b) [X] SEC USE ONLY 3. CITIZENSHIP OR PLACE OF 4. **ORGANIZATION Delaware SOLE VOTING POWER** 5. NUMBER OF **SHARES** SHARED VOTING POWER **BENEFICIALLY** OWNED BY 6. 2,009,383 shares

EACH

PERSON	7. SOLE DISPOSITIVE POWER
WITH	0
	8. SHARED DISPOSITIVE POWER See Row 6 above
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON See Row 6 above
	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES
10.	CERTAIN SHARES
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
	$8.0\% \frac{1}{2}$
12.	TYPE OF REPORTING PERSON
	IA; PN

The percentages reported in this Schedule 13G are based upon 25,275,672 shares of common stock outstanding as of 1March 31, 2015 (according to the Form 8-K filed by the issuer with the Securities and Exchange Commission on May 7, 2015).

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NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON 1. Partner Fund Management GP, LLC CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP 2. (a) [_] (b) [X] SEC USE ONLY 3. CITIZENSHIP OR PLACE OF 4. **ORGANIZATION Delaware SOLE VOTING POWER** 5. NUMBER OF **SHARES** SHARED VOTING POWER **BENEFICIALLY** OWNED BY 6. 2,009,383 shares

EACH

PERSON 7. SOLE DISPOSITIVE POWER WITH 0 8. SHARED DISPOSITIVE POWER See Row 6 above AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH 9. REPORTING PERSON See Row 6 above CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES 10. **CERTAIN SHARES** [_] PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 11. 8.0%

12. TYPE OF REPORTING PERSON

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NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON 1. Partner Investment Management, L.P. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP 2. (a) [_] (b) [X] SEC USE ONLY 3. CITIZENSHIP OR PLACE OF 4. **ORGANIZATION Delaware SOLE VOTING POWER** 5. NUMBER OF **SHARES** SHARED VOTING POWER **BENEFICIALLY** OWNED BY 6. 49,214 **EACH**

PERSON 7. SOLE DISPOSITIVE POWER WITH 0 8. SHARED DISPOSITIVE POWER See Row 6 above AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH 9. REPORTING PERSON See Row 6 above CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES 10. **CERTAIN SHARES** [_] PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 11. 0.2%

12. TYPE OF REPORTING PERSON

IA; PN

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	NAME OF REPORTING PERSON
1.	S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON
	Partner Investment Management GP, LLC
	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP
2.	(a) [_]
	(b) [X]
3.	SEC USE ONLY
4.	CITIZENSHIP OR PLACE OF ORGANIZATION
	Delaware
	SOLE VOTING POWER 5.
NUMBER O	
SHARES	SHARED VOTING POWER
BENEFICIAI	
OWNED BY	6. 49,214
EACH	77,417

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PERSON	7. SOLE DISPOSITIVE POWER
WITH	0
	8. SHARED DISPOSITIVE POWER See Row 6 above
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON See Row 6 above
10.	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES [_]
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
	0.2%

TYPE OF REPORTING PERSON

12.

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NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON 1. Brian D. Grossman CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP 2. (a) [_] (b) [X] SEC USE ONLY 3. CITIZENSHIP OR PLACE OF 4. **ORGANIZATION** U.S. Citizen **SOLE VOTING POWER** 5. NUMBER OF **SHARES** SHARED VOTING POWER **BENEFICIALLY** OWNED BY 2,058,597 shares **EACH**

PERSON 7. SOLE DISPOSITIVE POWER WITH 0 8. SHARED DISPOSITIVE POWER See Row 6 above AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH 9. REPORTING PERSON See Row 6 above CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES 10. **CERTAIN SHARES** [_] PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 11. 8.1%

12. TYPE OF REPORTING PERSON

IN

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NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON 1. Christopher M. James CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP 2. (a) [_] (b) [X] SEC USE ONLY 3. CITIZENSHIP OR PLACE OF 4. **ORGANIZATION** U.S. Citizen **SOLE VOTING POWER** 5. NUMBER OF **SHARES** SHARED VOTING POWER **BENEFICIALLY** OWNED BY 2,058,597 shares

EACH

PERSON 7. SOLE DISPOSITIVE POWER WITH 0 8. SHARED DISPOSITIVE POWER See Row 6 above AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH 9. REPORTING PERSON See Row 6 above CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES 10. **CERTAIN SHARES** [_] PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 11.

8.1%

12. TYPE OF REPORTING PERSON

IN

Item 1(a) Name of Issuer		
Aerie Pharmaceuticals, Inc.		

Item 1(b) Address of Issuer's Principal Executive Offices

2030 Main Street, Suite 1500, Irvine, California 92614

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Item 2(a) Name of Person Filing

This Schedule 13G is being jointly filed by Partner Fund Management, L.P. ("PFM"), Partner Fund Management GP, LLC ("PFM-GP"), Partner Investment Management, L.P. ("PIM"), Partner Investment Management GP, LLC ("PIM-GP"), Brian D. Grossman ("Grossman") and Christopher M. James ("James" and, collectively with PFM, PFM-GP, PIM, PIM-GP and Grossman, the "Reporting Persons") with respect to shares of common stock of the above-named issuer owned by PFM Healthcare Master Fund, L.P., a Cayman Islands limited partnership ("HCM"), PFM Healthcare Opportunities Master Fund, L.P. ("HCOPP") and PFM Healthcare Principals Fund, L.P., a Delaware limited partnership ("HCP" and, collectively with HCM and HCOPP, the "Funds").

PFM is the investment advisor for HCM and HCOPP. PIM is the investment advisor for HCP. PFM-GP and PIM-GP are, respectively, the general partners of PFM and PIM. Grossman is the portfolio manager for the health care strategy for the Funds. James is the chief investment officer for PIM and PFM and member manager of PFM-GP and PIM-GP.

The filing of this statement shall not be construed as an admission that any of the Reporting Persons is the beneficial owner of any securities covered by the statement other than the securities actually owned by such person (if any).

Item 2(b) Address of Principal Business Office

The address of the principal business office of each of the Reporting Persons is c/o Partner Fund Management, L.P., 4 Embarcadero Center, Suite 3500, San Francisco, CA 94111.

Item 2(c) Citizenship

Each of PFM and PIM is organized as a limited partnership under the laws of the State of Delaware. Each of PFM-GP and PIM-GP is organized as a limited liability company under the laws of the State of Delaware. Each of Grossman and James is a U.S. citizen.

Item 2(d) Title of Class of Securities

Common stock, \$0.001 par value

Item 2(e) CUSIP Number

00771V108

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Item 3 If this statement is filed pursuant to Rules 13d-1(b), or 13d-2(b) or (c), check whether the person filing is a:
(a) [] Broker or dealer registered under Section 15 of the Exchange Act;
(b) [] Bank as defined in Section 3(a)(6) of the Exchange Act;
(c) [] Insurance company as defined in Section 3(a)(19) of the Exchange Act;
(d) [] Investment company registered under Section 8 of the Investment Company Act;
(e) [] An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E);
(f) [] An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F);
(g) [_] A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G);
(h) [] A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act;
(i) [] A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act;

(j) [] Group, in accordance with Rule 13d-1(b)(1)(ii)(J).
If filing as a non-U.S. institution in accordance with Rule 13d-1(b)(1)(ii)(J), please specify the type of institution:
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(c) Number of shares as to which such person has:

item 4 Owners	nıp				
A. Partner Fund Management, L.P. and Partner Fund Management GP, LLC					
(a)	PFM and PFM-G	P may be deemed to beneficially own 2,009,383 shares of Common Stock.			
The number of shares PFM and PFM-GP may be deemed to beneficially own constitutes approximately 8.0% of the Common Stock outstanding.					
(c) Number of shares as to which such person has:					
	(i)	sole power to vote or to direct the vote: 0			
	(ii)	shared power to vote or to direct the vote: 2,009,383			
	(iii)	sole power to dispose or to direct the disposition of: 0			
	(iv)	shared power to dispose or to direct the disposition of: 2,009,383			
В.	Partner Inves	stment Management, L.P. and Partner Investment Management GP, LLC			
(a)	PIM and PIM-	GP may be deemed to beneficially own 49,214 shares of Common Stock.			

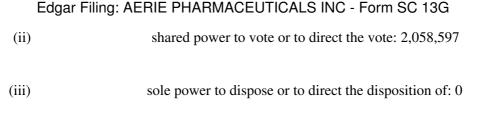
The number of shares PIM and PIM-GP may be deemed to beneficially own constitutes approximately 0.2% of the Common Stock outstanding.

- (i) sole power to vote or to direct the vote: 0
- (ii) shared power to vote or to direct the vote: 49,214
- (iii) sole power to dispose or to direct the disposition of: 0
- (iv) shared power to dispose or to direct the disposition of: 49,214

(i)

C. Brian D. Grossman					
(a) G	brossman may be deemed to beneficially own 2,058,597 shares of Common Stock.				
(b) The number of shares Grossman may be deemed to beneficially own constitutes approximately 8.1% of the Common Stock outstanding.					
(c) Number of shares as to which such person has:					
	(i) sole power to vote or to direct the vote: 0				
(ii)	shared power to vote or to direct the vote: 2,058,597				
(iii)	sole power to dispose or to direct the disposition of: 0				
(iv)	shared power to dispose or to direct the disposition of: 2,058,597				
D. Christopher M. James	3				
(a)	James may be deemed to beneficially own 2,058,597 shares of Common Stock.				
(b) The number of shares James may be deemed to beneficially own constitutes approximately 8.1% of the Common Stock outstanding.					
(c) Number of shares as to which such person has:					

sole power to vote or to direct the vote: 0



Item 5 Ownership of Five Percent or Less of a Class

(iv)

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than 5 percent of the class of securities, check the following [_].

shared power to dispose or to direct the disposition of: 2,058,597

Item 6 Ownership of More than Five Percent on Behalf of Another Person

Not Applicable

Item Identification and Classification of the Subsidiary which Acquired the Security Being Reported on by the
 Parent Holding Company

See Item 2 above

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Item 8 Identification and Classification of Members of the Group				
	Not Applicable			
Item 9 Notice of Dissolution of Group				
	Not Applicable			

Item 10 Certification

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

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After reasonable inquiry and to the best of its knowledge and belief, the undersigned certify that the information set forth in this statement is true, complete and correct.

Dated this 7th day of May, 2015.

PARTNER FUND MANAGEMENT, L.P.

PARTNER FUND MANAGEMENT GP, LLC

By: Partner Fund Management GP, LLC

its general partner

By:/s/ Darin Sadow

Darin Sadow, Authorized Signatory

By:/s/ Darin Sadow

Darin Sadow, Authorized Signatory

PARTNER INVESTMENT MANAGEMENT, L.P.

PARTNER INVESTMENT MANAGEMENT GP, LLC

By: Partner Investment Management GP, LLC, By:/s/ Darin Sadow

its general partner

Darin Sadow, Authorized Signatory

By:/s/ Darin Sadow

Darin Sadow, Authorized Signatory

BRIAN D. GROSSMAN

CHRISTOPHER M. JAMES

By:/s/ Darin Sadow

By:/s/ Darin Sadow

Darin Sadow, attorney-in-fact*

Darin Sadow, attorney-in-fact**

Darin Sadow is signing on behalf of Brian Grossman as attorney-in-fact pursuant to a power of attorney dated *August 4, 2011, and incorporated by reference herein. The power of attorney was filed as an attachment to a filing by certain of the Reporting Persons on Schedule 13G for K-V Pharmaceutical Company on August 5, 2011.

Darin Sadow is signing on behalf of Christopher M. James as attorney-in-fact pursuant to a power of attorney dated **August 4, 2011, and incorporated by reference herein. The power of attorney was filed as an attachment to a filing by certain of the Reporting Persons on Schedule 13G for K-V Pharmaceutical Company on August 5, 2011.