AERIE PHARMACEUTICALS INC Form SC 13G July 17, 2017

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
SCHEDULE 13G
(Rule 13d-102)
Information Statement Pursuant to Rules 13d-1 and 13d-2
Under the Securities Exchange Act of 1934
(Amendment No)*
Aerie Pharmaceuticals, Inc.
(Name of Issuer)
Common stock manyalya \$0.001 man share
Common stock, par value \$0.001 per share
(Title of Class of Securities)
(
00771V108
(CUSIP Number)

	•	•
July 5, 2017		

Date of Event Which Requires Filing of the Statement

Check the appropriate box to designate the rule 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 ORGANIZATION
4.
 Delaware
               SOLE VOTING POWER
             5.
NUMBER OF
               SHARED VOTING POWER
SHARES
             6.
BENEFICIALLY
               2,210,020 shares
              SOLE DISPOSITIVE POWER
OWNED BY
             7.
EACH
             8. SHARED DISPOSITIVE POWER
```

See Row 6 above

REPORTING

PERSON

9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
9.	See Row 6 above
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES
	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
11	6.2%1
12	TYPE OF REPORTING PERSON IA; PN
<u>1</u> Jı	the percentages reported in this Schedule 13G are based upon 35,378,682 shares of common stock outstanding as of time 1, 2017 according to the prospectus supplement filed by the issuer with the Securities and Exchange ommission on May 30, 2017.

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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 ORGANIZATION
4.
 Delaware
               SOLE VOTING POWER
             5.
NUMBER OF
               SHARED VOTING POWER
SHARES
             6.
BENEFICIALLY
               2,210,020 shares
               SOLE DISPOSITIVE POWER
OWNED BY
             7.
EACH
             8. SHARED DISPOSITIVE POWER
REPORTING
               See Row 6 above
```

PERSON

W	ΙT	H

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

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

11.6.2%

TYPE OF REPORTING PERSON

12.

00

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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 ORGANIZATION
4.
 Delaware
               SOLE VOTING POWER
             5.
NUMBER OF
               SHARED VOTING POWER
SHARES
             6.
BENEFICIALLY
               32,071 shares
               SOLE DISPOSITIVE POWER
OWNED BY
             7.
EACH
             8. SHARED DISPOSITIVE POWER
REPORTING
               See Row 6 above
PERSON
```

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
	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
11	.0.1%
12	TYPE OF REPORTING PERSON . IA; PN

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NAME OF REPORTING PERSON

S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

1.
```

Partner Investment 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 ORGANIZATION

4.

Delaware

SOLE VOTING POWER

5.

NUMBER OF 0

SHARED VOTING POWER

SHARES

6.

BENEFICIALLY

32,071 shares

OWNED BY SOLE DISPOSITIVE POWER

7.

EACH

8. SHARED DISPOSITIVE POWER

REPORTING

See Row 6 above

PERSON

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
	DED CENTE OF CLASS DEDDESCENTED DV AMOUNT IN DOW (0)
	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
11	.0.1%
12	TYPE OF REPORTING PERSON
14	00

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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 ORGANIZATION
4.
 U.S. Citizen
               SOLE VOTING POWER
             5.
NUMBER OF
               SHARED VOTING POWER
SHARES
             6.
BENEFICIALLY
               2,242,091 shares
               SOLE DISPOSITIVE POWER
OWNED BY
             7.
EACH
             8. SHARED DISPOSITIVE POWER
REPORTING
               See Row 6 above
```

PERSON

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

9. **See Row 6 above**

10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

11.6.3%

TYPE OF REPORTING PERSON

12.

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 ORGANIZATION
4.
 U.S. Citizen
               SOLE VOTING POWER
             5.
NUMBER OF
               SHARED VOTING POWER
SHARES
             6.
BENEFICIALLY
               2,242,091 shares
               SOLE DISPOSITIVE POWER
OWNED BY
             7.
EACH
             8. SHARED DISPOSITIVE POWER
REPORTING
               See Row 6 above
PERSON
```

9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
9.	See Row 6 above
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES
	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
11.	6.3%
12.	TYPE OF REPORTING PERSON IN

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Item 1(a) Name of Issuer

Aerie Pharmaceuticals, Inc.

Item 1(b) Address of Issuer's Principal Executive Offices
J030 Main Street, Suite 1500, Irvine, California 92614

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 Emerging Growth Master Fund, L.P., a Cayman Islands limited partnership ("HEGM"), PFM Global Long Alpha Master Fund, L.P., a Cayman Islands limited partnership ("GLAM"), PFM Healthcare Master Fund, L.P., a Cayman Islands limited partnership ("HCOPP"), PFM Oncology Opportunities Master Fund, L.P., a Cayman Islands limited partnership ("ONCOPP"), PFM Healthcare Long Master Fund, L.P., a Cayman Islands limited partnership ("DN"), PFM Diversified Master Fund, L.P., a Cayman Islands limited partnership ("DN"), PFM Diversified Master Fund, L.P., a Cayman Islands limited partnership ("DN"), PFM Healthcare Principals Fund, L.P., a Delaware limited partnership ("HCP"), and PFM Diversified Principals Fund, L.P., a Delaware limited partnership ("HCP"), and PFM Diversified Principals Fund, L.P., a Delaware limited partnership ("DP" and, collectively with HEGM, GLAM, HCM, HCOPP, ONCOPP, HCLM, DM, DI and HCP, the "Funds").

PFM is the investment advisor for HEGM, GLAM, HCM, HCOPP, ONCOPP, HCLM, DM and DI. PIM is the investment advisor for HCP and DP. 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 portfolio manager for the diversified strategy for the Funds. Grossman and James are co-managing members 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).

Address of Principal Business Office

2(b)
The address of Thicipal 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 Citizenship

2(c) 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.

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Item 2(d) Title of Class of Securities
Common stock, \$0.001 par value

Item 2(e) CUSIP Number 00771V108

Item $3\frac{\text{If this statement is filed pursuant to Rules 13d-1(b), or 13d-2(b) or (c), check whether the person filing is a:$

- (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;
- (i) "A non-U.S. institution in accordance with Rule 13d-1(b)(1)(ii)(J);
- (k) "Group, in accordance with Rule 13d-1(b)(1)(ii)(K).

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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Item	4	Owi	nersl	hin
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A. Partner Fund Management, L.P. and Partner Fund Management GP, LLC			
(a) PFM and PFM-GP may be deemed to beneficially own 2,210,020 shares of Common Stock.			
The number of shares PFM and PFM-GP may be deemed to beneficially own constitutes approximately 6.2% 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: 2,210,020			
(iii) sole power to dispose or to direct the disposition of: 0			
(iv) shared power to dispose or to direct the disposition of: 2,210,020			
B. Partner Investment Management, L.P. and Partner Investment Management GP, LLC			
(a) PIM and PIM-GP may be deemed to beneficially own 32,071 shares of Common Stock.			
The number of shares PIM and PIM-GP may be deemed to beneficially own constitutes approximately 0.1% 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: 32,071
- (iii) sole power to dispose or to direct the disposition of: 0
- (iv) shared power to dispose or to direct the disposition of: 32,071

C.	Brian	D.	Grossman

C.Bilali D. Glossillali	
(a)	Grossman may be deemed to beneficially own 2,242,091 shares of Common Stock.
(b) The number of shar Common Stock out	es Grossman may be deemed to beneficially own constitutes approximately 6.3% of the standing.
(c) Number of shares as	s 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: 2,242,091
(iii)	sole power to dispose or to direct the disposition of: 0
(iv)	shared power to dispose or to direct the disposition of: 2,242,091
D.Christopher M. James	es
(a)	James may be deemed to beneficially own 2,242,091 shares of Common Stock.
(b) The number of shar Stock outstanding.	res James may be deemed to beneficially own constitutes approximately 6.3% of the Common
(c) Number of shares as	s 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: 2,242,091

- (iii) sole power to dispose or to direct the disposition of: 0
- (iv) shared power to dispose or to direct the disposition of: 2,242,091

Ownership of Five Percent or Less of a Class

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 ".

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

Item 8 Identification and Classification of Members of the Group

Not Applicable

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Item 9 Notice of Dissolution of Group

Not Applicable

Certification

Item 10

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 17th day of July, 2017.

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

By:/s/ Darin Sadow
Darin Sadow, Authorized Signatory

By:/s/ Darin Sadow

Darin Sadow, Authorized Signatory

BRIAN D. GROSSMAN

CHRISTOPHER M. JAMES

By:/s/ Darin Sadow

Darin Sadow, attorney-in-fact*

By:/s/ Darin Sadow
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.