

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

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

1. Name and Address of Reporting Person * <u>Moore Terrence O</u>			2. Issuer Name and Ticker or Trading Symbol <u>ACADIA PHARMACEUTICALS INC [ACAD]</u>			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>EVP, CHIEF COMMERCIAL OFFICER</u>		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) <u>02/14/2017</u>			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person		
3611 VALLEY CENTRE DRIVE, SUITE 300			4. If Amendment, Date of Original Filed (Month/Day/Year)					
(Street)	CA	92130						
(City)	(State)	(Zip)						

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction 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	02/14/2017		M		87,128	A	\$19.61	90,759 ⁽¹⁾	D	
Common Stock	02/14/2017		s ⁽²⁾		89,088	D	\$39.6863 ⁽³⁾	1,671	D	
Common Stock	02/15/2017		M		1,700	A	\$19.61	3,371	D	
Common Stock	02/15/2017		s ⁽²⁾		1,700	D	\$39.65	1,671	D	
Common Stock	02/16/2017		M		17,421	A	\$19.61	19,092	D	
Common Stock	02/16/2017		M		19,687	A	\$27.2	38,779	D	
Common Stock	02/16/2017		M		29,644	A	\$34.45	68,423	D	
Common Stock	02/16/2017		s ⁽²⁾		66,752	D	\$39.8807 ⁽⁴⁾	1,671	D	

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction 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 (Month/Day/Year)		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: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Stock Option (right to buy)	\$19.61	02/14/2017		M			12,747	(5)	08/18/2023	Common Stock	12,747	\$0	7,649	D	
Stock Option (right to buy)	\$19.61	02/14/2017		M			74,381	(5)	08/18/2023	Common Stock	74,381	\$0	55,223	D	
Stock Option (right to buy)	\$19.61	02/15/2017		M			1,700	(5)	08/18/2023	Common Stock	1,700	\$0	53,523	D	
Stock Option (right to buy)	\$19.61	02/16/2017		M			17,421	(5)	08/18/2023	Common Stock	17,421	\$0	36,102	D	
Stock Option (right to buy)	\$27.2	02/16/2017		M			19,687	(6)	03/06/2024	Common Stock	19,687	\$0	13,125	D	
Stock Option (right to buy)	\$34.35	02/16/2017		M			29,644	(7)	03/19/2025	Common Stock	29,644	\$0	90,356	D	

Explanation of Responses:

- Includes 717, 1,243, 461 and 1,210 shares acquired in November 2014, May 2015, November 2015 and May 2016, respectively, by Mr. Moore under the ACADIA Pharmaceuticals Employee Stock Purchase Plan, as amended.
- The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person in September 2015, as amended in June 2016.

