#### ACADIA PHARMACEUTICALS INC

Form 4

August 17, 2007

## FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

OMB Number:

3235-0287

0.5

January 31, Expires:

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**OMB APPROVAL** 

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Section 16. Form 4 or Form 5 obligations may continue.

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if no longer

subject to

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section See Instruction

30(h) of the Investment Company Act of 1940

1(b).

(City)

(Print or Type Responses)

1. Name and Address of Reporting Person * Aasen Thomas H	2. Issuer Name <b>and</b> Ticker or Trading Symbol ACADIA PHARMACEUTICALS INC [ACAD]	5. Relationship of Reporting Person(s) to Issuer  (Check all applicable)			
(Last) (First) (Middle)  3911 SORRENTO VALLEY BOULEVARD	3. Date of Earliest Transaction (Month/Day/Year) 05/09/2007	Director 10% Owner Officer (give title Other (specify below) Vice Pres., CFO, Treas. & Sec.			
(Street) SAN DIEGO, CA 92121	4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City)	(State) (	Table Table	e I - Non-D	erivative S	Securi	ties Acqu	ired, Disposed of	, or Beneficiall	y 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 (D) Code (Instr. 3, 4 and 5) (Instr. 8)  (A) or		5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
			Code V	Amount	(D)	Price	(Instr. 3 and 4)		
Common Stock	05/09/2007		G	13,834 (1)	D	\$0	2,325 (1)	D	
Common Stock	05/09/2007		G	13,834	A	\$ 0	26,334	I	By Family Trust
Common Stock	08/15/2007		S(2)	3,000	D	\$ 15.3	23,334	I	By Family Trust
Common Stock	08/15/2007		S(2)	3,000	D	\$ 15.45	20,334	I	By Family Trust
Common Stock	08/15/2007		S(2)	4,000	D	\$ 15.58	16,334	I	By Family Trust

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Common Stock	08/15/2007	S(2)	3,000	D	\$ 15.65 13,334	I	By Family Trust
Common Stock	08/15/2007	S(2)	3,000	D	\$ 15.8 10,334	I	By Family Trust

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

Persons who respond to the collection of SEC 1474 information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

(9-02)

9. Nu

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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. Transact Code (Instr. 8)	5. ionNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	<b>.</b>	ate	7. Titl Amou Under Secur (Instr.	int of rlying	8. Price of Derivative Security (Instr. 5)
				Code V	7 (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	

# **Reporting Owners**

Relationships Reporting Owner Name / Address

Other Director 10% Owner Officer

Aasen Thomas H 3911 SORRENTO VALLEY BOULEVARD SAN DIEGO, CA 92121

Vice Pres., CFO, Treas. & Sec.

## **Signatures**

/s/ Thomas H. 08/17/2007 Aasen \*\*Signature of Date Reporting Person

### **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).
- Includes an aggregate of 4,659 shares acquired by the reporting person pursuant to ACADIA's employee stock purchase plan from **(1)** inception through the date of this filing.

Reporting Owners 2

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The sales reported in this Form 4 were effected pursuant to an existing sales plan established under Rule 10b5-1 of the Securities

(2) Exchange Act of 1934, as amended. The plan provides for the non-discretionary periodic sales of stock pursuant to predetermined trading parameters that do not permit Mr. Aasen to exercise any subsequent influence over how, when or whether to effect trades under the plan.

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.