Baity Glenn Form 4 March 16, 2010

FORM 4

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

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, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

2. Issuer Name and Ticker or Trading

ACADIA PHARMACEUTICALS

30(h) of the Investment Company Act of 1940

(Print or Type Responses)

(Last)

1. Name and Address of Reporting Person *

Baity Glenn

(First) (Middle)

3. Date of Earliest Transaction

(Month/Day/Year) 3911 SORRENTO VALLEY BLVD. 03/12/2010

INC [ACAD]

(Street) 4. If Amendment, Date Original

Filed(Month/Day/Year)

Symbol

3.

SAN DIEGO, CA 92121

(City) (State) (Zip)

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) (Instr. 3)

Execution Date, if

(Month/Day/Year)

TransactionAcquired (A) or Code

(Instr. 8)

Disposed of (D) (Instr. 3, 4 and 5)

4. Securities

Beneficially Owned Following (A)

Reported Transaction(s)

Issuer

below)

Person

5. Amount of

Securities

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

Director

Applicable Line)

X_ Officer (give title

(Instr. 3 and 4) Code V Amount (D) Price

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 (9-02)required to respond unless the form displays a currently valid OMB control number.

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

1. Title of Derivative Conversion Security or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year)

Execution Date, if any

4. 5. Number of TransactionDerivative Code Securities

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amount of **Underlying Securities** (Instr. 3 and 4)

OMB APPROVAL

3235-0287

January 31,

2005

0.5

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Number:

Expires:

response...

5. Relationship of Reporting Person(s) to

(Check all applicable)

VP, GC & Sec.

6. Ownership

Form: Direct

(D) or Indirect Beneficial

6. Individual or Joint/Group Filing(Check

X Form filed by One Reporting Person Form filed by More than One Reporting

(T)

(Instr. 4)

10% Owner

Other (specify

7. Nature of

Ownership

(Instr. 4)

Indirect

Estimated average

burden hours per

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(Instr. 3)	Price of Derivative Security	(1	(Month/Day/Year)	(Instr.	8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)					
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock option (right to buy)	\$ 1.55	03/12/2010		A		150,000		<u>(1)</u>	03/11/2020	Common Stock	150,000

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

Baity Glenn

3911 SORRENTO VALLEY BLVD. VP, GC & Sec.

SAN DIEGO, CA 92121

Signatures

/s/ Glenn F. 03/16/2010 Baity

**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).
- (1) 25% of the shares subject to the Stock Option vest and become exercisable on March 12, 2011. The remaining shares vest and become exercisable thereafter in 36 equal monthly installments.

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.

Reporting Owners 2