| FORM | 4 |
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## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549 STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL

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

| Section obligat   | this box if no lo<br>1 16. Form 4 or<br>ions may conti<br>tion 1(b).  |  | STAT   |               | led pu   | rsuant   | to Section   | n 16(a                                  | a)   | of the Sec          | uriti  | es Exchan   | ige Act c      | of 1934   | ERSH  | ΗP   | Estim   | Numbe<br>ated av<br>per res                                       | erage burder   | 3235-0287<br>1<br>0.5 |
|---|---|--|--|---------------|--|--|--|---|--|---------------------|--------|---|----------------|---|---|--|---|---|--|-----------------------|
| 1. Name and Address of Reporting Person <sup>*</sup><br>Baity Glenn |   |  |  | A             | 2. Issuer Name and Ticker or Trading Symbol<br><u>ACADIA PHARMACEUTICALS INC</u> [<br>ACAD ] |  |  |   |  |                     |        |   |                | lationship of<br>k all applica<br>Director<br>Officer (<br>below) | able)   | g Perso  | on(s) to Issu<br>10% Ov<br>Other (s<br>below) | vner  |  |                       |
| (Last)<br>3911 SO   | ```   | irst) (Middle)<br>VALLEY BLVD              |  |               |  | 3. Date of Earliest Transaction (Month/Day/Year)<br>06/07/2013 |  |   |  |                     |        |   |                |   |   | -  | VP A  | ND G  | C  |                       |
| (Street)<br>SAN DII<br>(City)                                       |   | A<br>State)                                | 92121<br>(Zip)   |               | - 4.   | If Ame   | endment, I   | Date o                                  | of(  | Original Fi         | led (  | (Month/Da   | ıy/Year)       |   | 6. Ind<br>Line)<br>X                                |  | ed by One                                     | e Repo  | (Check App<br>rting Persor<br>One Repor                            | 1                     |
|   |   | Та   | ble I - Non  | n-Deriv       | vativ  | /e Se  | curities   | s Ac                                    | cq   | uired, D            | Disp   | oosed o   | of, or E       | Benef   | icially   | Owned  |   |   |  |                       |
| 1. Title of Security (Instr. 3)<br>2. Trans<br>Date<br>(Month/I     |   |  |  |               | action 2A. Deemed<br>Execution Da<br>Jay/Year) (Month/Day/                                   |  |  | ition Date, Transaction<br>Code (Instr. |  |                     |        |   |                |   | s Form<br>Illy (D) o<br>ollowing (I) (In            |  | m: Direct In<br>or Indirect B<br>nstr. 4) C   | 7. Nature of<br>Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |  |                       |
|   |   |  |  |               |  |  |  |   | Code V Amoun   |                     | Amount | (A) or<br>(D) Price   |                | Price   | Transaction(s)<br>(Instr. 3 and 4)                  |  |   |   | (  |                       |
|   |   |  | Table II - I<br>(  |               |  |  |  |   |  | ired, Di<br>options |        |   |                |   |   | wned   |   |   |  |                       |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)                 | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year | ate, Tr<br>Co | Code (Instr.   |  | 5. Number of<br>Derivative<br>Securities<br>Acquired (A)<br>or Disposed<br>of (D) (Instr.<br>3, 4 and 5) |   | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |                     |        | 7. Title and Amo<br>of Securities<br>Underlying<br>Derivative Secur<br>(Instr. 3 and 4) |                |   | 8. Price of<br>Derivative<br>Security<br>(Instr. 5) | 9. Numbe<br>derivative<br>Securitie<br>Beneficia<br>Owned<br>Followine<br>Reported | e<br>s<br>ally<br>g                           | Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |                       |
|   |   |  |  | C             | Code   | v  | (A)  | (D)                                     |  | Date<br>Exercisable |        | xpiration<br>ate  | Title          | or<br>Nu  | ount<br>nber<br>Shares                              |  | Transact<br>(Instr. 4)                        | 1011(5)   |  |                       |
| Stock<br>Option<br>(right to<br>buy)                                | \$17.01   | 06/07/2013                                 |  |               | A  |  | 130,000  |   |  | (1)                 | 0      | 6/06/2023   | Commo<br>Stock |   | 0,000   | \$0  | 130,0   | 00  | D  |                       |

Explanation of Responses:

1. 25% of the shares subject to the Stock Option vest and become exercisable on June 7, 2014. The remaining shares vest and become exercisable thereafter in 36 equal monthly installments.

/s/ Glenn F. Baity 06/11/2013

\*\* Signature of Reporting Person Date

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

\* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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