FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Washington, D.O. 20040 |  |
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|                        |  |
|                        |  |

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

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

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

| Name and Address of Reporting Person*     DAVIS STEPHEN     |   |  |   |                                   | 2. Issuer Name and Ticker or Trading Symbol ACADIA PHARMACEUTICALS INC [ ACAD ] |  |     |  |   |               |                 | (Che  | ck all application                                  | able)  | ng Person(s) to Issuer  10% Owner  Other (specify                 |  | ner   |
|---|---|--|---|-----------------------------------|---|--|-----|--|---|---------------|-----------------|---|---|--|---|--|---|
| (Last) (First) (Middle) 3611 VALLEY CENTRE DRIVE, SUITE 300 |   |  |   |                                   | 3. Date of Earliest Transaction (Month/Day/Year) 03/20/2015                     |  |     |  |   |               |                 | >   | below)  | INTER  | IM C  | below)   |   |
| (Street) SAN DII  |   | A tate)                                    | 92130<br>(Zip)  | 4.                                | 4. If Amendment, Date of Original Filed (Month/Day/Year)                        |  |     |  |   | 6. In<br>Line | ✓ Form fill     | lual or Joint/Group Filing (Check Applicable  Form filed by One Reporting Person  Form filed by More than One Reporting  Person |   |  |   |  |   |
|   | Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned  |  |   |                                   |   |  |     |  |   |               |                 |   |   |  |   |  |   |
| 1. Title of Security (Instr. 3) 2. Transa Date              |   |  |   | ansactio                          |   |  |     | 3.<br>Transaction                              | 3. 4. Securi<br>Transaction<br>Code (Instr. |               | ties Acquire    |   | 5. Amoun<br>Securities<br>Beneficia<br>Owned Fo     | s<br>Ily   | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4) | : Direct      <br>  Indirect      <br>  str. 4)                  | 7. Nature of<br>Indirect<br>Beneficial<br>Ownership |
|   |   |  |   | Code V                            |   |  |     | Amou   | nount (A) or (D)                            |               | Price           | Reported<br>Transacti<br>(Instr. 3 a  | ction(s)  |  |   | (Instr. 4)   |   |
|   | Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned  (e.g., puts, calls, warrants, options, convertible securities) |  |   |                                   |   |  |     |  |   |               |                 |   |   |  |   |  |   |
| 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) | 4.<br>Transaction<br>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 Exerc<br>Expiration Da<br>(Month/Day/\ | ate   | of Securities |                 | es<br>J<br>Security   | 8. Price of<br>Derivative<br>Security<br>(Instr. 5) | 9. Number derivative Securities Beneficia Owned Following Reported Transacti | e<br>s<br>ally  | Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4 | Beneficial<br>Ownership<br>(Instr. 4)               |
|   |   |  |   | Code                              | v   | (A)  | (D) | Date<br>Exercisable                            | Expiration Date                             | on            | Title           | Amount<br>or<br>Number<br>of Shares   |   | (Instr. 4)   | ion(s)  |  |   |
| Stock<br>Option<br>(right to<br>buy)                        | \$34.45   | 03/20/2015                                 |   | A                                 |   | 100,000  |     | (1)  | 03/19/20                                    | 25            | Common<br>Stock | 100,000   | \$0   | 100,00   | 00  | D  |   |
| Stock<br>Option<br>(right to<br>buy)                        | \$34.45   | 03/20/2015                                 |   | A                                 |   | 120,000  |     | (1)  | 03/19/20                                    | 25            | Common<br>Stock | 120,000   | \$0   | 120,00   | 00  | D  |   |

## **Explanation of Responses:**

1. 25% of the shares subject to the Stock Option vest and become exercisable on March 20, 2016. The remaining shares vest and become exercisable thereafter in 36 equal monthly installments.

/s/ Glenn F. Baity, Attorney-in-\*\* Signature of Reporting Person

**Fact** 

03/24/2015

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.