Graham Evelyn A Form 4 December 18, 2006

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

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if no longer subject to Section 16. Form 4 or Form 5

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obligations may continue. See Instruction

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

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Graham Evelyn A

2. Issuer Name and Ticker or Trading Symbol

Issuer

Director

TorreyPines Therapeutics, Inc.

(Check all applicable)

Chief Operating Officer

5. Relationship of Reporting Person(s) to

[TPTX]

(Middle)

(Last) (First) 3. Date of Earliest Transaction

X_ Officer (give title below)

10% Owner Other (specify

C/O TORREYPINES THERAPEUTICS, INC., 11085 NORTH TORREY PINES ROAD,

(Street)

SUITE 300

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check Applicable Line)

Filed(Month/Day/Year)

(Month/Day/Year)

12/14/2006

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

LA JOLLA, CA 92037

(City) (State) (Zip)

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

1.Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if

any

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8) (Instr. 3, 4 and 5) 5. Amount of Securities Beneficially Owned Following Reported

6. Ownership 7. Nature of Indirect Form: Direct (D) or Indirect Beneficial Ownership (I) (Instr. 4) (Instr. 4)

(A) or Code V Amount (D) Price Transaction(s) (Instr. 3 and 4)

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

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

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| 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 orderivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | 7. Title and of Underlyir Securities (Instr. 3 and | ng |
|---|---|--------------------------------------|---|---|---|--|-----------------|--|---------------------------|
| | | | | Code V | (A) (D) | Date Exercisable | Expiration Date | Title | Amo or Num of Sh |
| stock options | \$ 6.37 | 12/14/2006 | | A | 25,000 | <u>(1)</u> | 12/13/2016 | common stock | 25,0 |
| restricted stock options | \$ 0 (2) | 12/14/2006 | | A | 25,000 | 03/31/2009(3) | 03/31/2009(4) | common stock | 25,0 |

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

Graham Evelyn A C/O TORREYPINES THERAPEUTICS, INC. 11085 NORTH TORREY PINES ROAD, SUITE 300 LA JOLLA, CA 92037

Chief Operating Officer

Signatures

/s/ Agatha M. Martindale, Attorney-in-fact

**Signature of Reporting Person Date

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 options will become exercisable on 12/14/2007. Thereafter, equal portions of the remaining options will become exercisable on the 14th of each month, beginning on 1/14/2008 and continuing through 12/14/2010.
- (2) Each restricted stock unit represent the right to receive one share of Issuer's common stock if the stock price of the Issuer meets the thresholds described below in footnote (3). Restricted stock units are granted pursuant to the Issuer's 2006 Equity Incentive Plan.
- Restricted stock unit grants would become exercisable on 3/31/09 if the average stock price (based on average daily closing price) for the (3) 6-month period ending 3/31/09 is at or above \$10.36. Additional conditions may also apply pursuant to the terms of the Reporting Person's grant and/or employment agreement.
- (4) Restricted stock unit grants will terminate on 3/31/09 if conditions are not met (see footnote 3 above). Expiration date is also subject to the terms of Reporting Person's grant agreement.

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.

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