INOVIO PHARMACEUTICALS, INC.

Form 4 July 05, 2011

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

January 31, Expires: 2005 Estimated average

Form 4 or Form 5 obligations

SECURITIES Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

burden hours per response... 0.5

Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. See Instruction

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

MARXE AUSTIN W & GREENHOUSE DAVID M 2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Symbol

06/30/2011

INOVIO PHARMACEUTICALS, INC. [INO]

(Check all applicable)

(Last)

(First)

(Middle)

3. Date of Earliest Transaction (Month/Day/Year)

Director Officer (give title below)

X 10% Owner Other (specify

C/O SPECIAL SITUATIONS FUNDS, 527 MADISON AVENUE,

SUITE 2600

(Street)

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

NEW YORK, NY 10022

Form filed by More than One Reporting

(Zip)

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

1.Title of Security (Instr. 3)

Stock

(City)

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

06/30/2011

(State)

Execution Date, if

(Month/Day/Year)

3. 4. Securities Acquired (A) or TransactionDisposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)

(2)

5. Amount of Securities Beneficially Owned **Following** Reported

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

(A) or

(D) Price Transaction(s) (Instr. 4) (Instr. 3 and 4)

Code V Amount Common

1,500,000 D \$ 15,575,400 0.6101 (2) (1)

By Limited J (2) **Partnerships** (2)

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

S

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SEC 1474 (9-02)

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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 | 2. | 3. Transaction Date | 3A. Deemed | 4. | 5. | 6. Date Exerc | cisable and | 7. Title | and | 8. Price of | 9. Nu |
|-------------|-------------|---------------------|--------------------|-----------------------|------------------------|------------------|-------------|-----------------------|----------|-------------|--------|
| Derivative | Conversion | (Month/Day/Year) | Execution Date, if | TransactionNumber | | Expiration D | ate | Amoun | t of | Derivative | Deriv |
| Security | or Exercise | | any | Code | of | (Month/Day/ | Year) | Underly | ying | Security | Secui |
| (Instr. 3) | Price of | | (Month/Day/Year) | (Instr. 8) Derivative | | e | | Securit | ies | (Instr. 5) | Bene |
| | Derivative | | | | Securities Acquired | | | (Instr. 3 | 3 and 4) | | Own |
| | Security | | | | | | | | | | Follo |
| | • | | | | (A) or | | | | | | Repo |
| | | | | | Disposed | | | | | | Trans |
| | | | | | of (D) | | | | | | (Instr |
| | | | | | (Instr. 3, | | | | | | |
| | | | | | 4, and 5) | | | | | | |
| | | | | | | | | | A manuat | | |
| | | | | | | | | | Amount | | |
| | | | | | Date | Date | Expiration | Or Title Nesselves | | | |
| | | | | | | Exercisable Date | Date | | Number | | |
| | | | | C + V | (A) (D) | | | | of | | |
| | | | | Code V | (A) (D) | | | | Shares | | |

Reporting Owners

Relationships Reporting Owner Name / Address

> 10% Owner Officer Other Director

MARXE AUSTIN W & GREENHOUSE DAVID M C/O SPECIAL SITUATIONS FUNDS 527 MADISON AVENUE, SUITE 2600 NEW YORK, NY 10022

X

Signatures

Austin W.

Marxe 07/05/2011

**Signature of Date

Reporting Person

David M.

Greenhouse 07/05/2011 **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) This is a weighted average price.
 - This is a joint filing by Austin W. Marxe (Marxe) and David M. Greenhouse (Greenhouse). They share voting and investment control over all securities owned by Special Situations Fund III QP, L.P. (SSFQP), Special Situations Cayman Fund, L.P. (Cayman), Special
- Situations Private Equity Fund, L.P. (PE) and Special Situations Life Sciences Fund, L.P. (LS). 8,973,487 shares of Common Stock are held by SSFQP, 2,884,306 shares of Common Stock are held by Cayman, 2,115,206 shares of Common Stock are held by PE and 1,602,401 shares of Common Stock are held by LS. The interest of Marxe and Greenhouse in the shares of Common Stock owned by SSFQP, Cayman, PE and LS is limited to the extent of his pecuniary interest.

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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