

INOVIO PHARMACEUTICALS, INC.

Form 3

February 03, 2011

**FORM 3**UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

OMB APPROVAL

OMB  
Number: 3235-0104Expires: January 31,  
2005Estimated average  
burden hours per  
response... 0.5**INITIAL STATEMENT OF 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  
30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting  
Person \*Â MARXE AUSTIN W &  
GREENHOUSE DAVID M

(Last) (First) (Middle)

2. Date of Event Requiring  
Statement(Month/Day/Year)  
01/24/20113. Issuer Name **and** Ticker or Trading Symbol  
INOVIO PHARMACEUTICALS, INC. [INO]4. Relationship of Reporting  
Person(s) to Issuer5. If Amendment, Date Original  
Filed(Month/Day/Year)

(Check all applicable)

\_\_\_\_ Director \_\_\_\_X\_\_\_\_ 10% Owner  
\_\_\_\_ Officer \_\_\_\_ Other  
(give title below) (specify below)6. Individual or Joint/Group  
Filing(Check Applicable Line)  
\_X\_ Form filed by One Reporting  
Person  
\_\_\_\_ Form filed by More than One  
Reporting PersonC/O SPECIAL SITUATIONS  
FUNDS,Â 527 MADISON  
AVENUE, SUITE 2600

(Street)

NEW YORK,Â NYÂ 10022

(City) (State) (Zip)

**Table I - Non-Derivative Securities Beneficially Owned**1. Title of Security  
(Instr. 4)2. Amount of Securities  
Beneficially Owned  
(Instr. 4)3. Ownership  
Form:  
Direct (D)  
or Indirect  
(I)  
(Instr. 5)4. Nature of Indirect Beneficial  
Ownership  
(Instr. 5)

Common Stock

21,130,400 <sup>(1)</sup>I <sup>(1)</sup>By Limited Partnership <sup>(1)</sup>Reminder: Report on a separate line for each class of securities beneficially  
owned directly or indirectly.

SEC 1473 (7-02)

**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 control number.****Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**1. Title of Derivative  
Security  
(Instr. 4)2. Date Exercisable and  
Expiration Date  
(Month/Day/Year)3. Title and Amount of  
Securities Underlying  
Derivative Security4. Conversion  
or Exercise5. Ownership  
Form of6. Nature of Indirect  
Beneficial  
Ownership

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			(Instr. 4)		Price of	Derivative	(Instr. 5)
	Date	Expiration	Title	Amount or	Derivative	Security:	
	Exercisable	Date		Number of	Security	Direct (D)	
				Shares		or Indirect	
						(I)	
						(Instr. 5)	
Warrant	07/26/2011	01/27/2016	Common Stock	10,562,500 (2)	\$ 1.4	I (2)	By Limited Partnership (2)

## Reporting Owners

Reporting Owner Name / Address	Relationships
	Director 10% Owner Officer Other
MARXE AUSTIN W & GREENHOUSE DAVID M C/O SPECIAL SITUATIONS FUNDS 527 MADISON AVENUE, SUITE 2600 NEW YORK, NY 10022	Â Â X Â Â

## Signatures

Austin Marxé 02/03/2011  
 \*\*Signature of Date  
 Reporting Person

David Greenhouse 02/03/2011  
 \*\*Signature of Date  
 Reporting Person

## Explanation of Responses:

\* If the form is filed by more than one reporting person, see Instruction 5(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 joint filing by Austin W. Marxé (Marxé) 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). 12,173,900 shares of Common Stock are held by SSFQP, 3,913,000 shares of Common Stock are held by Cayman, 2,869,600 shares of Common Stock are held by PE and 2,173,900 shares of Common Stock are held by LS. The interest of Marxé and Greenhouse in the shares of Common Stock owned by SSFQP, Cayman, PE and LS is limited to the extent of his pecuniary interest.

(2) This is a joint filing by Austin W. Marxé (Marxé) 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). 6,086,950 Warrants are held by SSFQP, 1,956,500 Warrants are held by Cayman, 1,434,800 Warrants are held by SSPE and 1,086,950 Warrants are held by LS. The interest of Marxé and Greenhouse in the shares of warrants 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.