

Phair Thomas J.  
Form 3  
January 29, 2009

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

OMB APPROVAL

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**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 *		2. Date of Event Requiring Statement	3. Issuer Name <b>and</b> Ticker or Trading Symbol	
Phair Thomas J.		(Month/Day/Year)	Altus Pharmaceuticals Inc. [ALTU]	
(Last)	(First)	(Middle)	01/22/2009	
C/O ALTUS PHARMACEUTICALS INC., 333 WYMAN STREET			4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
(Street)	(Check all applicable)			
	<input type="checkbox"/> Director	<input type="checkbox"/> 10% Owner		
	<input checked="" type="checkbox"/> Officer	<input type="checkbox"/> Other	6. Individual or Joint/Group Filing(Check Applicable Line)	
	(give title below) (specify below)		<input checked="" type="checkbox"/> Form filed by One Reporting Person	
	Sr. Dir, Finance & Controller		<input type="checkbox"/> Form filed by More than One Reporting Person	
WALTHAM, MA 02451				
(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)
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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 Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of	

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				Shares		or Indirect (I) (Instr. 5)	
Common Stock Option (right to buy)	Â (1)	07/26/2016	Common Stock	25,000	\$ 13.27	D	Â
Common Stock Option (right to buy)	Â (2)	03/02/2017	Common Stock	3,198	\$ 14.24	D	Â
Common Stock Option (right to buy)	Â (3)	02/25/2018	Common Stock	7,000	\$ 5.72	D	Â
Common Stock Option (right to buy)	Â (4)	04/08/2018	Common Stock	10,000	\$ 5.34	D	Â

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Phair Thomas J. C/O ALTUS PHARMACEUTICALS INC. 333 WYMAN STREET WALTHAM, MA 02451	Â	Â	Â Sr. Dir, Finance & Controller	Â

## Signatures

/s/ Kevin Brennan 01/29/2009

\*\*Signature of Reporting Person Date

## 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) All of such options have a term of ten years vesting over four years, with 1/16th of the options vesting every three months. All of such options become exercisable as they vest. Vesting for these options started on July 26, 2006.
  - (2) All of such options have a term of ten years vesting over four years, with 1/16th of the options vesting every three months. All of such options become exercisable as they vest. Vesting for these options started on March 2, 2007.
  - (3) All of such options have a term of ten years vesting over four years, with 1/16th of the options vesting every three months. All of such options become exercisable as they vest. Vesting for these options started on February 25, 2008.
  - (4) These options are performance based options that vest upon successful completion of specific milestones.

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.