

MCWILLIAMS BRUCE M  
Form 4  
February 20, 2013

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

OMB APPROVAL

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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 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 \*  
MCWILLIAMS BRUCE M

2. Issuer Name and Ticker or Trading Symbol  
INTERMOLECULAR INC [IMI]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)  
02/15/2013

Director  10% Owner  
 Officer (give title below)  Other (specify below)

C/O INTERMOLECULAR, INC., 3011 NORTH FIRST STREET

(Street)

4. If Amendment, Date Original Filed (Month/Day/Year)

6. Individual or Joint/Group Filing (Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

SAN JOSE, CA 95134-2004

(City) (State) (Zip)

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock, \$0.001 par value	02/15/2013		M		35,925	A	\$ 1.5
Common Stock, \$0.001 par value	02/15/2013		S <sup>(1)</sup>		35,925	D	\$ 10.0001
Common Stock, \$0.001 par value	02/19/2013		M		9,568	A	\$ 1.5

Common Stock, \$0.001 par value 02/19/2013 S<sup>(1)</sup> 9,568 D \$ 10.0187 0 D

Common Stock, \$0.001 par value 173,250 I By Trust (2)

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)

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 Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Amount or Number of Shares
Stock Option (right to buy)	\$ 1.5	02/15/2013		M	35,925	<sup>(3)</sup> 10/26/2016	Common Stock	35,925
Stock Option (right to buy)	\$ 1.5	02/15/2013		M	9,568	<sup>(3)</sup> 10/26/2016	Common Stock	9,568

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
MCWILLIAMS BRUCE M C/O INTERMOLECULAR, INC. 3011 NORTH FIRST STREET SAN JOSE, CA 95134-2004	X			

## Signatures

/s/ Bruce M.  
McWilliams

02/20/2013

\_\_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) The sale reported was effected pursuant to a Rule 10b5-1 Stock Trading Plan adopted by Mr. McWilliams on July 31, 2012.
- (2) These shares are held by the Bruce and Astrid McWilliams 1997 Trust UAD 11/06/09.

The option was immediately exercisable in full on October 27, 2006; however, the shares vest pursuant to the following schedule: Twenty-Five Percent (25%) of the shares subject to the option vest on the first anniversary measured from September 14, 2006 (the

- (3) "Vesting Commencement Date") and the remaining shares subject to the option vest in three successive, equal annual installments thereafter on each yearly anniversary of the Vesting Commencement Date, subject to the Reporting Person's continued service relationship with the Issuer on each such vesting date.

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.