Poole William Form 5 February 14, 2007

OMB APPROVAL FORM 5 **OMB** UNITED STATES SECURITIES AND EXCHANGE COMMISSION 3235-0362 Number: Washington, D.C. 20549 Check this box if January 31, Expires: no longer subject 2005 to Section 16. Estimated average ANNUAL STATEMENT OF CHANGES IN BENEFICIAL Form 4 or Form burden hours per 5 obligations OWNERSHIP OF SECURITIES response... 1.0 may continue. See Instruction Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, 1(b). Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section Reported 30(h) of the Investment Company Act of 1940 Form 4 Transactions Reported 1. Name and Address of Reporting Person * 2. Issuer Name and Ticker or Trading 5. Relationship of Reporting Person(s) to Issuer Poole William Symbol **BIODELIVERY SCIENCES** (Check all applicable) INTERNATIONAL INC [BDSI] (Middle) 3. Statement for Issuer's Fiscal Year Ended (Last) (First) _X_ Director 10% Owner Officer (give title (Month/Day/Year) Other (specify below) below) 12/31/2006 1301 KINGS GRANT DRIVE (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Reporting Filed(Month/Day/Year) (check applicable line) RALEIGH. NCÂ 27614 _X_ Form Filed by One Reporting Person Form Filed by More than One Reporting (State) (City) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1. Title of 2. Transaction Date 2A. Deemed 3. 4. Securities 5. Amount of 6. Ownership 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction Acquired (A) or Securities Form: Direct Indirect (Instr. 3) Code Disposed of (D) Beneficially (D) or Beneficial any (Month/Day/Year) (Instr. 8) (Instr. 3, 4 and 5) Owned at end Indirect (I) Ownership of Issuer's (Instr. 4) (Instr. 4) (A) Fiscal Year or (Instr. 3 and 4) (D) Price Amount Common Â Â Â Â Â Â Â 5,000 D Stock Persons who respond to the collection of information Reminder: Report on a separate line for each class of **SEC 2270** securities beneficially owned directly or indirectly. contained in this form are not required to respond unless (9-02)the form displays a currently valid OMB control number.

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

Edgar Filing: Poole William - Form 5

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)	Derivative		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount Underlying Securitie (Instr. 3 and 4)	
					(A)	(D)	Date Exercisable	Expiration Date	Title	Amou or Numb of Sha
Option	\$ 2.05	07/26/2006	07/27/2006	A	35,000	Â	07/27/2006	07/27/2016	Common Stock	35,00
Series A Preferred	\$ 4.25 <u>(1)</u>	Â	Â	Â	Â	Â	(1)	(3)	Common Stock	3,19
Option	\$ 2.94	Â	Â	Â	Â	Â	07/28/2005	07/28/2015	Common Stock	35,0

Reporting Owners

Reporting Owner Name / Address	Relationships						
· · · · · · · · · · · · · · · · · · ·	Director	10% Owner	Officer	Other			
Poole William 1301 KINGS GRANT DRIVE RALEIGH, NC 27614	ÂX	Â	Â	Â			

Signatures

/s/ William S.
Poole

**Signature of Reporting Person

O2/13/2007

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).

The Series A Preferred is eligible for conversion upon the earlier to occur of: (i) FDA approval of Arius' first proposed product (ii) 30 days notice to the Company of a Conversion Event (hereinafter defined) or (iii) five years from the closing date of the Transaction. The term "Conversion Event" is defined in the Certificate of Designations of the Series A Preferred to mean the failure of the Company to provide at least \$3,000,000 to Arius as required to: (i) pay Atrix Laboratories, Inc. (Atrix) \$1,000,000 by August as pursuant to the terms of the license agreement between Arius and Atrix and (ii) fund, in a total amount of no less than \$2,000,000 the operations of Arius.

The Series A Preferred will be convertible into shares of the Company's common stock (the "Common Stock") on a one for one basis.

- (2) Grant of stock options
- (3) Not applicable

Note: File three copies of this Form, one of which must be manually signed. If space provided 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.

Reporting Owners 2