Duchemin Jeffrey Form 4 July 11, 2018

FORM 4

Check this box

if no longer

subject to

Section 16.

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Form 4 or Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

(Print or Type Responses)

1(b).

(Last)

1. Name and Address of Reporting Person * **Duchemin Jeffrey**

(First)

Symbol

HARVARD BIOSCIENCE INC [HBIO]

2. Issuer Name and Ticker or Trading

3. Date of Earliest Transaction (Month/Day/Year) 07/09/2018

C/O HARVARD BIOSCIENCE, INC., 84 OCTOBER HILL ROAD

(Middle)

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

5. Relationship of Reporting Person(s) to Issuer

OMB APPROVAL

Estimated average

burden hours per

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

(Check all applicable)

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

Chief Executive Officer

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

HOLLISTON, MA 01746

(City)	(State)	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. Transactio Code (Instr. 8)	4. Securit on(A) or Dis (Instr. 3, 4)	sposed	of (D)	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)	
Common Stock	07/09/2018		S <u>(1)</u>	14,195		\$ 5.41 (2)	816,547 (3) (4)	D		
Common Stock	07/10/2018		S(1)	11,600	D	\$ 5.38 (5)	804,947 (6)	D		
Common Stock	07/11/2018		S(1)	14,205	D	\$ 5.22 (7)	790,742 (8)	D		

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

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SEC 1474 (9-02)

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 Exer	cisable and	7. Title a	and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration Date		Amount	of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underlyi	ing	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securitie	es	(Instr. 5)	Bene
	Derivative				Securities			(Instr. 3	and 4)		Owne
	Security				Acquired						Follo
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
								Δ.			
									mount		
						Date	Expiration Date	or Title Number			
						Exercisable					
				C 1 W	(A) (D)			of			
				Code V	(A) (D)			Si	hares		

Reporting Owners

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer Other

Duchemin Jeffrey C/O HARVARD BIOSCIENCE, INC. 84 OCTOBER HILL ROAD HOLLISTON, MA 01746

X

Chief Executive Officer

Signatures

/s/ Chad Porter, by power of attorney

07/11/2018

**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 sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person.
- The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$5.38 to \$5.50, inclusive. The Reporting Person undertakes to provide to the Issuer, any security holder of the Issuer, or the staff of the **(2)** Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the ranges set forth in this footnote (2).
- (3) Includes (a) a deferred stock award of 94,444 restricted stock units with performance based vesting conditions, which shall vest in three equal installments on May 24, 2019, May 24, 2020 and May 24, 2021, contingent upon achievement of a performance condition tied to relative total shareholder return; (b) a deferred stock award of 94,444 restricted stock units which shall vest in four equal installments on January 1, 2019, 2020, 2021 and 2022; (c) a deferred stock award of 268,206 restricted stock units which shall vest in three equal

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installments on January 1, 2019, 2020 and 2021; (d) a deferred stock award of 145,833 restricted stock units which shall vest in two equal installments on January 1, 2019 and 2020; (e) a deferred stock award of 17,225 restricted stock units which shall vest in full on January 1, 2019;

- continuation of footnote 3 above) (f) a deferred stock award of 71,748 restricted stock units with performance based vesting conditions, (4) which shall vest on August 3, 2018 contingent upon achievement of a performance condition tied to relative total shareholder return; and (g) 124,647 shares of common stock held by the Reporting Person.
- The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$5.28 to \$5.43, inclusive. The Reporting Person undertakes to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the

ranges set forth in this footnote (5).

- (6) Includes the awards referenced in clauses (a) through (f) of footnotes (3) and (4) above plus 113,047 shares of common stock held by the Reporting Person.
- The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$5.175 to \$5.25, inclusive. The Reporting Person undertakes to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the ranges set forth in this footnote (7).
- (8) Includes the awards referenced in clauses (a) through (f) of footnotes (3) and (4) above plus 98,842 shares of common stock held by the Reporting Person.

Remarks:

This form has been signed under power of attorney.

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.