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

FORM 8-K

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

CURRENT REPORT

Date of Report (Date of earliest event Reported): July 28, 2016

HARVARD BIOSCIENCE, INC.

(Exact Name of Registrant as Specified in Charter)

Delaware (State or Other Jurisdiction of Incorporation)

001-33957 (Commission File Number)

04-3306140 (I.R.S. Employer Identification Number)

84 October Hill Road, Holliston, MA 01746

(Address of Principal Executive Offices) (Zip Code)

(508) 893-8999

(Registrant's telephone number, including area code)

(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

[] []	Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425) Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
[]	Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b)) Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 2.02. Results of Operations and Financial Condition.

On July 28, 2016, Harvard Bioscience, Inc. issued a press release announcing financial results for the three and six months ended June 30, 2016 and the details of a related conference call to be held at 8:30 AM EST on July 28, 2016. The press release is furnished as Exhibit 99.1 and incorporated herein by reference.

The information in Item 2.02 of this Current Report on Form 8-K and Exhibit 99.1 attached hereto shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934 (the "Exchange Act") or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933 or the Exchange Act, except as shall be expressly set forth by specific reference in such a filing.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits.

Exhibit Number Title

99.1 Press Release issued by Harvard Bioscience, Inc. on July 28, 2016.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

HARVARD BIOSCIENCE, INC.

Date: July 28, 2016

By: <u>/s/ Robert E. Gagnon</u>

Robert E. Gagnon

Robert E. Gagnon Chief Financial Officer

INDEX TO EXHIBITS

Exhibit Number Description of Exhibit

99.1 Press Release issued by Harvard Bioscience, Inc. on July 28, 2016.

Harvard Bioscience Reports Second Quarter 2016 Financial Results

Conference Call To Be Held at 8:30 AM ET Today

HOLLISTON, Mass., July 28, 2016 (GLOBE NEWSWIRE) -- Harvard Bioscience, Inc. (Nasdaq:HBIO), a global developer, manufacturer and marketer of a broad range of solutions to advance life science, reported financial results for the three and six months ended June 30, 2016.

Revenues for the three and six months ended June 30, 2016 were \$26.1 million and \$53.1 million, respectively. Loss per diluted share, as measured under U.S. generally accepted accounting principles ("GAAP"), for the three and six months ended June 30, 2016 was \$0.02 and \$0.04, respectively, while earnings per diluted share, on a non-GAAP basis, was \$0.03 and \$0.08, respectively, for the same periods.

Jeffrey Duchemin, President and CEO of Harvard Bioscience, said, "At the half way point of fiscal year 2016, we remain confident in achieving our financial objectives and goals for the year. Our second quarter results reflect some near term challenges faced in the quarter. We believe the most challenging time of the year is behind us and our results will benefit from a few tailwinds in the second half of the year. For one, our former GE spectrophotometer business, which was negatively impacted by GE's decision to discontinue sales in the second half of 2015, continues to ramp up and will be up side for us for the remaining six months of the year as compared to the same periods in 2015. We continue to be pleased with our progress as we develop this direct channel since taking over the sales and service of NanoVue and SimpliNano spectrophotometers on January 1, 2016."

"Overall, we remain steadfast in our commitment to our strategic priorities and the shareholder value we believe it creates. We are positioned to finish the year strongly through commercial and operational execution."

Second Quarter Reported Results

- Revenues for the three months ended June 30, 2016 were \$26.1 million, a decrease of approximately \$2.7 million, or 9% compared to revenues of \$28.8 million for the three months ended June 30, 2015. Excluding currency translation, revenues decreased 9% or \$2.5 million. For a reconciliation of changes in revenues, refer to Exhibit 8 below.
- Net loss, as measured under U.S. generally accepted accounting principles ("GAAP"), was \$0.7 million, or \$0.02 per diluted share, for the three months ended June 30, 2016 compared to net income of \$0.3 million, or \$0.01 per diluted share, for the same quarter in 2015.
- Net income, on a non-GAAP basis, was \$1.0 million, or \$0.03 per diluted share, for the three months ended June 30, 2016, compared to \$1.6 million, or \$0.05 per diluted share, for the three months ended June 30, 2015. For a reconciliation between GAAP and non-GAAP net income, and between GAAP and non-GAAP diluted earnings per share, refer to Exhibits 5 and 6 below, respectively. Additionally, refer to Exhibit 9 for the non-GAAP consolidated statement of operations.

Year-to-Date Reported Results

- Revenues for the six months ended June 30, 2016 were \$53.1 million, a decrease of approximately \$1.5 million, or 3% compared to revenues of \$54.6 million for the six months ended June 30, 2015. Excluding currency translation, revenues decreased 2% or \$0.9 million. For a reconciliation of changes in revenues, refer to Exhibit 8 below.
- Net loss, as measured under GAAP, was \$1.3 million, or \$0.04 per diluted share, for the six months ended June 30, 2016 compared to \$1.1 million, or \$0.03 per diluted share, for the six months ended June 30, 2015.
- Net income, on a non-GAAP basis, was \$2.6 million, or \$0.08 per diluted share, for the six months ended June 30, 2016 compared to \$2.3 million, or \$0.07 per diluted share, for the same period in 2015. For a reconciliation between GAAP and non-GAAP net income, and between GAAP and non-GAAP diluted earnings per share, refer to Exhibits 5 and 6 below, respectively. Additionally, refer to Exhibit 9 for the non-GAAP consolidated statement of operations.

Financial Guidance

Today we are updating our full-year 2016 financial guidance, as issued on April 29, 2016, to reflect current foreign currency exchange rates, including the impact of Brexit uncertainty on current British pound sterling rates. We now expect to report revenues of approximately \$108 million to \$110 million.

On the bottom-line, we now expect to report full-year 2016 GAAP diluted earnings per share of approximately \$0.00 to \$0.02 and non-GAAP diluted earnings per share of \$0.16 to \$0.18, or a 23% to 38% increase compared to 2015 non-GAAP diluted earnings per share.

The Company may incur charges, realize gains, or experience other events in 2016 that could cause actual results to vary from this guidance. Refer to Exhibit 7 below for a reconciliation between the GAAP and non-GAAP diluted earnings per share guidance.

Conference Call Details

Harvard Bioscience will be hosting a conference call and webcast today at 8:30 am ET. On that call, management may respond to questions from the audience and provide information on any of a number of topics related to the business, including operations, plans and outlook.

Participating in the call will be Jeffrey A. Duchemin, President and Chief Executive Officer and Robert Gagnon, Chief Financial Officer of Harvard Bioscience. Investors can access the live conference call by dialing the following phone numbers: toll-free 1-800-708-4540, or international: 1-847-619-6397, and referencing the conference ID# 43011203.

The conference will be simultaneously webcast and can be accessed through the Harvard Bioscience website. To listen to the webcast, log on to the webcast at http://investor.harvardbioscience.com/ and click on the Earnings Call icon. Financial information presented on the call, including the earnings release, will also be available on the investor relations section of the website.

If you are unable to listen to the live conference call, the webcast will be available on the Company's website through August 4, 2016.

To add this meeting to your calendar visit: http://investor.harvardbioscience.com/ and click "remind me".

Use of Non-GAAP Financial Information

In this press release, we have included non-GAAP financial information including revenues, adjusted operating income, adjusted net income and adjusted earnings per diluted share. We believe that this non-GAAP financial information provides investors with an enhanced understanding of the underlying operations of the business. For the periods presented, these non-GAAP financial measures of revenues and income have excluded certain revenues and expenses and income primarily resulting from purchase accounting or events that we do not believe are related to the underlying operations of the business such as currency translation, amortization of intangibles related to acquisitions, costs related to acquisition initiatives, forensic investigation costs, severance and restructuring expenses and stock-based compensation expense. They also exclude the tax impact of the reconciling items. This non-GAAP financial information approximates information used by our management to internally evaluate the operating results of the Company. Tabular reconciliations of our non-GAAP adjusted operating income, non-GAAP adjusted net income and non-GAAP adjusted earnings per diluted share for the three and six months ended June 30, 2016 and 2015 are included as exhibits below in this press release.

The non-GAAP financial information provided in this press release should be considered in addition to, not as a substitute for, the financial information provided and presented in accordance with GAAP.

About Harvard Bioscience

Harvard Bioscience is a global developer, manufacturer and marketer of a broad range of solutions to advance life science. Our products are sold to thousands of researchers in over 100 countries through our global sales organization, websites, catalogs, and through distributors including Thermo Fisher Scientific Inc., VWR, and other specialized distributors. We have sales and manufacturing operations in the United States, the United Kingdom, Germany, Sweden, Spain, France, Canada and China. For more information, please visit our website at www.harvardbioscience.com.

Safe Harbor Statement

This press release contains forward-looking statements within the meaning of the federal securities laws. You can identify these statements by our use of such words as "will," "guidance," "objectives," "optimistic," "potential," "future," "expects," "plans," "estimates," "continue," "drive," "strategy," "potential," "potentially," "growth," "long-term," "projects," "projected," "intends," "believes," "goals," "sees," "seek," "develop" "possible" "new," "emerging," "opportunity," "pursue" and similar expressions that do not relate to historical matters. Forward-looking statements in this press release or that may be made during our conference call may include, but are not limited to, statements or inferences about the Company's or management's beliefs or expectations, the Company's anticipated future revenues and earnings, the strength of the Company's market position and business model, the impact of acquisitions, or potential acquisitions, the outlook for the life sciences industry, the Company's business strategy, the positioning of the Company for growth, the market demand and opportunity for the Company's current products, or products it is developing or intends to develop, and the Company's plans, objectives and intentions that are not historical facts.

These statements involve known and unknown risks, uncertainties and other factors that may cause the Company's actual results, performance or achievements to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. Factors that may cause the Company's actual results to differ materially from those in the forward-looking statements include reductions in customers' research budgets or government funding; domestic and global economic conditions; economic, political and other risks associated with international revenues and operations; currency exchange rate fluctuations; economic and political conditions generally and those affecting pharmaceutical and biotechnology industries; the seasonal nature of purchasing in Europe; the Company's failure to expand into foreign countries and international markets; the Company's failure to realize the expected benefits of facility consolidations; the Company's inability to manage its growth; competition from the Company's competitors; material weakness in the Company's internal control over financial reporting; failure or inadequacy of the Company's information technology structure; impact of difficulties implementing our enterprise resource planning systems; the Company's failure to identify potential acquisition candidates and successfully close such acquisitions with favorable pricing or integrate acquired businesses or technologies; unanticipated costs relating to acquisitions

and known and unknown costs arising in connection with the Company's consolidation of business functions and any restructuring initiatives; the Company's inability to effectively sell spectrophotometer products following the retirement of the GE Healthcare brand; failure of any banking institution in which the Company deposits its funds or the institution's failure to provide services; the Company's substantial debt and its ability to meet the financial covenants contained in its credit facility; the Company's failure to raise or generate capital necessary to implement its acquisition and expansion strategy, expand operation and invest in new products; the failure of the Company's spin-off of Harvard Apparatus Regenerative Technology, Inc. (now known as Biostage, Inc., "Biostage"), to qualify as a transaction that is generally tax-free for U.S. federal income tax purposes; the failure of Biostage to indemnify the Company for any liabilities associated with Biostage's business; impact of any impairment of the Company's goodwill or intangible assets; the Company's ability to retain key personnel; rising commodity and precious metals costs; the Company's ability to protect its intellectual property and operate without infringing on others' intellectual property; exposure to product and other liability claims; plus factors described under the heading "Item 1A. Risk Factors" in our Annual Report on Form 10-K for the year ended December 31, 2015 or otherwise described in our other public filings. The Company's results may also be affected by factors of which the Company is not currently aware. The Company may not update these forward-looking statements, even though its situation may change in the future, unless it has obligations under the federal securities laws to update and disclose material developments related to previously disclosed information.

For investor inquiries, please call (508) 893-8066. Press releases may be found on our web site.

Exhibit 1

HARVARD BIOSCIENCE, INC. Condensed Consolidated Balance Sheet Information (unaudited, in thousands)

	June 30, 2016	De	cember 31, 2015
Assets			
Cash and cash equivalents	\$ 3,631	\$	6,744
Trade receivables	16,347		17,547
Inventories	22,209		22,343
Property, plant and equipment	5,641		5,902
Goodwill and other intangibles	60,577		62,452
Other assets	5,680		5,062
Total assets	\$114,085	\$	120,050
Liabilities and Stockholders' Equity			
Total current liabilities	\$ 14,850	\$	19,323
Total liabilities	37,422		42,452
Stockholders' equity	76,663		77,598
Total liabilities and stockholders' equity	\$114,085	\$	120,050

Exhibit 2

HARVARD BIOSCIENCE, INC. Consolidated Statements of Operations (In thousands, except per share data) (unaudited)

		nths Ended ie 30,	Six Months End June 30,		
	2016	2016 2015 2016		2015	
Revenues	\$ 26,136	\$ 28,800	\$53,099	\$54,563	
Cost of revenues	14,461	16,205	28,479	30,490	
Gross profit	11,675	12,595	24,620	24,073	

Sales and marketing expenses	5,086	5,128	10,188	10,327
General and administrative expenses	5,236	4,922	11,184	9,753
Research and development expenses	1,502	1,714	2,927	3,462
Restructuring charges	1	54	12	111
Amortization of intangible assets	690	678	1,370	1,471
Total operating expenses	12,515	12,496	25,681	25,124
Operating (loss) income	(840)	99	(1,061)	(1,051)
Other income (expense):				
Foreign exchange	282	(134)	273	89
Interest expense	(180)	(215)	(344)	(437)
Interest income	(100)	3	1	4
Other expense, net	(29)	(180)	(79)	(796)
Other income (expense), net	73	(526)	(149)	(1,140)
(F),		(= -)		
Loss before income taxes	(767)	(427)	(1,210)	(2,191)
Income tax (benefit) expense	(54)	(776)	139	(1,139)
Net (loss) income	\$ (713)	\$ 349	\$(1,349)	\$(1,052)
(Loss) earnings per share:				
, ,	\$ (0.02)	\$ 0.01	\$ (0.04)	\$ (0.03)
Basic (loss) earnings per common share	y (0.02)	y 0.01	y (0.04)	y (0.03)
Diluted (loss) earnings per common share	\$ (0.02)	\$ 0.01	\$ (0.04)	\$ (0.03)
Weighted average common shares:				
Basic	34,127	33,569	34,070	33,240
Diluted	34,127	35,026	34,070	33,240

Exhibit 3

HARVARD BIOSCIENCE, INC. Condensed Cash Flow Information (unaudited, in thousands)

	Six Months Ende June 30,		
	2016	2015	
Cash flows from operations: Net loss Changes in assets and liabilities Other adjustments to operating cash flows Net cash provided by (used in) operating activities	(2,377)	\$(1,052) (2,402) 2,473 (981)	
Investing activities:			
Acquisitions, net of cash acquired	-	(4,545)	
Other investing activities	(412)	(1,625)	
Net cash used in investing activities	(412)	(6,170)	
Financing activities:			
Proceeds from issuance of debt	2,000	4,050	
Repayments of debt	(4,625)	(4,850)	
Other financing activities	(9)	1,832	

Net cash (used in) provided by financing activities	(2,634)	1,032
Effect of exchange rate changes on cash	(283)	(613)
Decrease in cash and cash equivalents	\$(3,113)	\$(6,732)

Exhibit 4

HARVARD BIOSCIENCE, INC.

Reconciliation of GAAP Operating (Loss) Income to Non-GAAP Adjusted Operating Income (unaudited, in thousands)

	Three Months Ended June 30,				Six Months Ended June 30,			
	· ·		2015	2016	2015			
GAAP operating (loss) income	\$ (840)		\$	99	\$ (1,061)	\$ (1,051)		
Adjustments:								
Amortization of intangible assets		690		678	1,370	1,471		
Inventory valuation step-up charges on acquisition		-		402	-	793		
Forensic investigation costs		498		-	1,663	-		
Severance and restructuring charges		1		437	12	783		
Stock-based compensation expense		899		692	1,653	1,272		
Non-GAAP adjusted operating income	\$	1,248	\$	2,308	\$ 3,637	\$ 3,268		

Exhibit 5

HARVARD BIOSCIENCE, INC.

Reconciliation of GAAP Net (Loss) Income to Non-GAAP Adjusted Net Income (unaudited, in thousands)

	1	Three Months Ended June 30,			Six Months Ende June 30,		
	_	2016 2015			2016	2015	
GAAP net (loss) income	\$	(713)	\$	349	\$ (1,349)	\$ (1,052)	
Adjustments:							
Amortization of intangible assets		690		678	1,370	1,471	
Inventory valuation step-up charges on acquisition		-		402	-	793	
Forensic investigation costs		498		-	1,663	-	

Severance and restructuring charges	1	437	12	783
Acquisition costs	-	198	6	781
Stock-based compensation expense	899	692	1,653	1,272
Income taxes (A)	(386)	(1,175)	(799)	(1,711)
Non-GAAP adjusted net income	\$ 989 \$	1,581	2,556 \$	2,337

⁽A) Income taxes includes the tax effect of adjusting for the reconciling items.

Exhibit 6

HARVARD BIOSCIENCE, INC.

Reconciliation of GAAP Diluted (Loss) Earnings Per Common Share to Non-GAAP Adjusted Diluted Earnings Per **Common Share** (unaudited)

	Three Months Ended June 30,			Six Months Ended June 30,				
		<u>2016</u> <u>2015</u> <u>2016</u>		<u>2016</u> <u>2015</u> <u>2016</u>			2015	
GAAP diluted (loss) earnings per common share	\$	(0.02)	\$	0.01	\$	(0.04)	\$	(0.03)
Adjustments:								
Amortization of intangible assets		0.02		0.02		0.04		0.05
Inventory valuation step-up charges on acquisition		-		0.01		-		0.02
Forensic investigation costs		0.01		-		0.05		-
Severance and restructuring charges		-		0.01		-		0.02
Acquisition costs		-		0.01		-		0.02
Stock-based compensation expense		0.03		0.02		0.05		0.04
Income taxes (A)		(0.01)		(0.03)		(0.02)		(0.05)
Non-GAAP adjusted diluted earnings per common share	\$	0.03	\$	0.05	\$	0.08	\$	0.07

⁽A) Income taxes includes the tax effect of adjusting for the reconciling items.

Exhibit 7

(unaudited)

GAAP diluted earnings per common share (A)	\$ 0.00 - 0.02
Adjustments:	
Amortization of intangible assets	0.08
Forensic investigation costs	0.05
Stock-based compensation expense	0.09
Income taxes (B)	(0.06)
Non-GAAP adjusted diluted earnings per common share (A)	\$ 0.16 - 0.18

- (A) This guidance excludes the impact of future acquisitions, acquisition costs or restructuring charges.
- (B) Income taxes includes the tax effect of adjusting for the reconciling items.

Exhibit 8

HARVARD BIOSCIENCE, INC. Reconciliation of Changes In Revenues Compared to the Same Period of the Prior Year (unaudited)

	Three Months Ended			For the Year Ended Three Months Ended			For the Year Ended	Three Months Ended		Six Months Ended		
	Jun. 30, 2014	Sept. 30, 2014	Dec. 31, 2014	Dec. 31, 2014	Mar. 31, 2015	Jun. 30, 2015	Sept. 30, 2015	Dec. 31, 2015	Dec. 31, 2015	Mar. 31, 2016	Jun. 30, 2016	Jun. 30, 2016
Growth	0.7%	0.0%	11.0%	2.4%	3.8%	11.5%	3.9%	-3.3%	3.7%	6.0%	-8.6%	-1.7%
Foreign exchange effect	2.6%	1.2%	-2.0%	0.9%	-4.3%	-4.7%	-2.8%	-3.3%	-3.7%	-1.3%	-0.7%	-1.0%
Total revenue growth	3.3%	1.2%	9.0%	3.3%	-0.5%	6.8%	1.1%	-6.6%	0.0%	4.7%	-9.3%	-2.7%

Exhibit 9

HARVARD BIOSCIENCE, INC. Consolidated Statements of Non-GAAP Adjusted Net Income (In thousands, except per share data) (unaudited)

Three Mon	ths Ended	Six Months Ended			
June	30,	June	e 30 ,		
2016	2015	2016	2015		

Revenues	\$ 26,136	\$ 28,800	\$53,099	\$54,563
Cost of revenues	14,445	15,654	28,452	29,527
Gross profit	11,691	13,146	24,647	25,036
Sales and marketing expenses	4,951	5,000	9,952	10,112
General and administrative expenses	4,019	4,207	8,180	8,313
Research and development expenses	1,473	1,631	2,878	3,343
Total operating expenses	10,443	10,838	21,010	21,768
Operating income	1,248	2,308	3,637	3,268
Other income (expense):				
Foreign exchange	282	(134)	273	89
Interest expense	(180)	(215)	(344)	(437)
Interest income	-	3	1	4
Other (expense) income, net	(29)	18	(73)	(15)
Other income (expense), net	73	(328)	(143)	(359)
Income before income taxes	1,321	1,980	3,494	2,909
Income tax expense	332	399	938	572
Net income	\$ 989	\$ 1,581	\$ 2,556	\$ 2,337
Earnings per share:				
Basic earnings per common share	\$ 0.03	\$ 0.05	\$ 0.08	\$ 0.07
Busic cumings per common share			<u> </u>	<u> </u>
Diluted earnings per common share	\$ 0.03	\$ 0.05	\$ 0.08	\$ 0.07
Diffued earnings per common share	Ψ 0.05	Ψ 0.05	Ψ 0.00	Ψ 0.07
Moightad average common shares				
Weighted average common shares:	2/127	22 560	24.070	22 240
Basic	34,127	33,569	34,070	33,240
	0.4.107	25.026	24.050	22.242
Diluted	34,127	35,026	34,070	33,240

CONTACTS:

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Robert E. Gagnon CFO

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