UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, DC 20549

FORM 8-K

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

Date of Report (Date of earliest event reported): May 5, 2009

ACCURAY INCORPORATED

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of incorporation)

001-33301 (Commission File Number) 20-8370041

(IRS Employer Identification No.)

1310 Chesapeake Terrace Sunnyvale, California 94089

(Address of principal executive offices, including Zip Code)

Registrant's telephone number, including area code: (408) 716-4600

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:

- o 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)
- o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- o 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 May 5, 2009, Accuray Incorporated (the "Company") issued a press release announcing its financial results for the fiscal quarter ended March 28, 2009. A copy of the Company's press release dated May 5, 2009, titled "Accuray Announces Results for Third Quarter of Fiscal 2009" is attached hereto as Exhibit 99.1 and is incorporated herein by reference.

The foregoing information (including the exhibit hereto) is being furnished under "Item 2.02 Results of Operations and Financial Condition" (including the exhibit hereto) and shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, except as shall be expressly set forth by specific reference in such filing.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits.

Number

99.1 Press Release dated May 5, 2009, titled "Accuray Announces Results for Third Quarter of Fiscal 2009."

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	ACCURAY INCORPORATED
Dated: May 5, 2	009 By: /s/ Darren J. Milliken Darren J. Milliken Interim General Counsel
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	EXHIBIT INDEX
Number 99.1	Press Release dated May 5, 2009, titled "Accuray Announces Results for Third Quarter of Fiscal 2009"

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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.



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Accuray Announces Results for Third Quarter of Fiscal 2009

Record Total Revenue for Quarter

SUNNYVALE, Calif., May 5, 2009 – Accuray Incorporated (Nasdaq: ARAY), a global leader in the field of radiosurgery, announced today financial results for the third quarter of fiscal 2009, ended March 28, 2009.

For the third quarter of fiscal 2009, Accuray reported total revenue of \$61.3 million, a four percent increase over the third quarter of fiscal 2008 total revenue of \$58.8 million and a six percent sequential increase over the second quarter of fiscal 2009.

Net income for the third quarter of fiscal 2009 was \$1.2 million, or \$0.02 per diluted share, compared to net income of \$584,000, or \$0.01 per diluted share, during the same period last year. During the quarter, net income was impacted by a non-recurring charge of \$1.6 million or \$0.03 per share associated with severance costs for January's work force reduction. Non-cash, stock based compensation charges for the third quarter of fiscal 2009 were \$3.1 million.

For the nine months ended March 28, 2009, total revenue was \$174.8 million, a ten percent increase over total revenue of \$159.4 million for the same period last year. Net loss for the first nine months of fiscal 2009 was (\$613,000), or (\$0.01) per diluted share, compared to net income of \$5.2 million, or \$0.09 per diluted share for the first nine months of fiscal 2008. During the first three quarters of fiscal 2009, net income was impacted by several non-recurring costs, including those associated with employee separation expenses, inventory write downs and a fair market charge in connection with a settlement agreement entered into with the distributor of the auction rate securities that guarantees repayment of the securities at par value beginning in June 2010.

At March 28, 2009, non-contingent contracts, for which all contractual obligations have been satisfied, accounted for approximately \$425 million or 72 percent of total backlog. Accuray's backlog is composed of signed contracts that the company believes have a substantially high probability of being recognized as revenue in future periods. Total backlog at the end of the third fiscal quarter of 2009 was \$591 million, with approximately \$301 million associated with CyberKnife® Robotic

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Radiosurgery System contracts and approximately \$290 million associated with services and other recurring revenue. Contingent contracts made up \$166 million of backlog. As noted, beginning with the first quarter of fiscal 2010, Accuracy will report only non-contingent orders as backlog.

"With record revenue and solid CyberKnife sales, we are pleased with third quarter performance and the strength of our business," said Euan S. Thomson Ph.D., Accuray's president and chief executive officer. "The unique capabilities of the CyberKnife Robotic Radiosurgery System to track and precisely target the movement of tumors throughout treatment are providing physicians and their patients with an effective, non-invasive weapon against cancer."

Accuray's cash and investment balances at the end of the third quarter of 2009 totaled \$157.2 million, which includes cash and cash equivalents of \$33.9 million, restricted cash of \$1.1 million, short-term investments of \$64.3 million and long-term investments of \$57.9 million. At the end of the third quarter of 2009 the Company continued to have no debt.

Outlook

The following statement is forward-looking and actual results may differ materially. Accuray expects total revenues for fiscal 2009 to be in the range of \$225 million to \$240 million.

Additional Information

Additional information regarding backlog segmentation, which will be discussed during the conference call, is available in the Investor Relations section of the company's Web site at www.accuray.com.

Earnings Call Open to Investors

Accuray will hold a conference call for financial analysts and investors on Tuesday, May 5, 2009 at 2:00 p.m. PT / 5:00 p.m. ET. The conference call dial-in numbers are 1-866-379-2019 (USA) or 1-706-634-1525 (International), Conference ID: 90985949. A live webcast of the call will also be available from the Investor Relations section on the company's Web site at www.accuray.com. In addition, a recording of the call will be available by calling 1-800-642-1687 (USA) or 1-706-645-9291(International), Conference ID number: 90985949, beginning at 5:00 p.m. PT / 8:00 p.m. ET, May 5, 2009 and will be available through May 8, 2009. A webcast replay will also be available from the Investor Relations section of the company's Web site at www.accuray.com from approximately 5:00 p.m. PT / 8:00 p.m. ET today through Accuray's release of its results for the fourth quarter of fiscal 2009, ending June 27, 2009.

The CyberKnife Robotic Radiosurgery System is the world's only robotic radiosurgery system designed to treat tumors anywhere in the body non-invasively. Using continual image guidance technology and computer controlled robotic mobility, the CyberKnife System automatically tracks, detects and corrects for tumor and patient movement in real-time throughout the treatment. This enables the CyberKnife System to deliver high-dose radiation with pinpoint precision, which minimizes damage to surrounding healthy tissue and eliminates the need for invasive head or body stabilization frames.

About Accuray

Accuray Incorporated (Nasdaq: ARAY), based in Sunnyvale, Calif., is a global leader in the field of radiosurgery dedicated to providing an improved quality of life and a non-surgical treatment option for those diagnosed with cancer. Accuray develops and markets the CyberKnife Robotic Radiosurgery System, which extends the benefits of radiosurgery to include extracranial tumors, including those in the spine, lung, prostate, liver and pancreas. To date, the CyberKnife System has been used to treat more than 60,000 patients worldwide and currently 164 systems have been installed in leading hospitals in the Americas, Europe and Asia. For more information, please visit www.accuray.com.

Safe Harbor Statement

The foregoing may contain certain forward-looking statements that involve risks and uncertainties, including uncertainties associated with the medical device industry. Except for the historical information contained herein, the matters set forth in this press release, as to financial guidance including realization of backlog, anticipated cost savings and benefits from job eliminations, procedure growth, market acceptance; clinical studies, regulatory review and approval, and commercialization of products are forward-looking statements within the meaning of the "safe harbor" provisions of the Private Securities Litigation Reform Act of 1995. Forward-looking statements speak only as of the date the statements are made and are based on information available at the time those statements are made and/or management's good faith belief as of that time with respect to future events. You should not put undue reliance on any forward-looking statements. Important factors that could cause actual performance and results to differ materially from the forward-looking statements we make include: failure to achieve anticipated savings from cost-cutting efforts; market acceptance of products; variability of installation and sales cycle including customer financing and construction delays; competing products, the combination of our products with complementary technology; and other risks detailed from time to time under the heading "Risk Factors" in our report on Form 10-K for the 2008 fiscal year, as updated from time to time by our quarterly reports on Form 10-Q and our other filings with the Securities and Exchange Commission. The Company's actual results of operations may differ significantly from those contemplated by such forward-looking statements as a result of these and other factors. We assume no obligation to update forward-looking statements to reflect actual performance or results, changes in assumptions or changes in other factors affecting forward-looking information, except to the extent required by applicable secu

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Accuray Incorporated Unaudited Condensed Consolidated Statements of Operations

(in thousands, except per share data)

	Three months ended March 28, March 29,					Nine mon March 28,	nths ended March 29,	
		2009		2008		2009		2008
Net revenue:		44.006	Φ.	40.506		440.76		446004
Products	\$	41,006	\$	40,706	\$	119,762	\$	116,821
Shared ownership program		1,285		2,715		3,197		8,071
Services		17,901		11,017		47,730		26,966
Other		1,109		4,320		4,106		7,584
Total net revenue		61,301		58,758		174,795		159,442
Cost of revenue:								
Cost of products		17,630		19,411		49,894		52,332
Cost of shared ownership program		185		755		654		2,227
Cost of services		12,057		8,165		32,214		19,014
Cost of other		1,067		4,144		3,833		5,813
Total cost of revenue		30,939		32,475		86,595		79,386
Gross profit		30,362		26,283		88,200		80,056
Operating expenses:								
Selling and marketing		11,420		10,792		35,623		32,115
Research and development		9,259		8,632		26,807		24,475
General and administrative		8,821		7,943		28,513		23,820
Total operating expenses		29,500		27,367		90,943		80,410
Income (loss) from operations		862		(1,084)		(2,743)		(354
Interest and other income, net		575		1,345		2,436		6,154
Income (loss) before provision for income taxes		1,437	-	261		(307)		5,800
Provision (benefit) for income taxes		221		(323)		306		608
Net income (loss)	\$	1,216	\$	584	\$	(613)	\$	5,192
1.00 1100110 (1.000)	<u> </u>	-,			_	(818)	_	-,
Net income (loss) per common share, basic and diluted:								
Basic	\$	0.02	\$	0.01	\$	(0.01)	\$	0.10
Diluted	\$	0.02	\$	0.01	\$	(0.01)	\$	0.10
Weighted average common shares outstanding used in computing net income	Ψ	0.02	Ψ	0.01	Ψ	(0.01)	Ψ	0.07
(loss) per share:								
Basic		55,724		54,856		55,138		54,539
Diluted		58,772		60,125		55,138		60,862
Cost of revenue, selling and marketing, research and development, and		30,112		00,123		55,156		00,002
general and administrative expenses include stock-based compensation								
charges as follows:								
Cost of revenue	\$	622	\$	514	\$	1,801	\$	1,364
Cost of revenue	Э	622	Þ	514	•	1,801	Э	1,3

Selling and marketing	\$ 538	\$ 1,081	\$ 2,518	\$ 3,227
Research and development	\$ 797	\$ 800	\$ 2,330	\$ 2,278
General and administrative	\$ 1,167	\$ 1,837	\$ 5,027	\$ 5,949

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Accuray Incorporated Unaudited Condensed Consolidated Balance Sheets

(in thousands, except share amounts)				
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		March 28, 2009		June 28, 2008
Assets				
Current assets:				
Cash and cash equivalents	\$	33,907	\$	36,936
Restricted cash		1,093		4,830
Short-term marketable securities		64,333		85,536
Accounts receivable, net of allowance for doubtful accounts of \$477 at March 28, 2009 and \$27 at June 28, 2008		33,097		33,918
Inventories		28,562		23,047
Prepaid expenses and other current assets		4,978		6,431
Deferred cost of revenue—current		21,621		31,667
Total current assets		187,591		222,365
Long-term marketable securities		57,887		37,014
Property and equipment, net		14,830		17,140
Goodwill		4,495		4,495
Intangible assets, net		732		926
Deferred cost of revenue—noncurrent		5,300		11,724
Other assets		1,340		1,340
Total assets	\$	272,175	\$	295,004
Liabilities and stockholders' equity				
Current liabilities:				
Accounts payable	\$	11,372	\$	12,962
Accrued expenses		15,892		11,873
Customer advances—current		13,207		22,331
Deferred revenue—current		74,104		87,455
Total current liabilities		114,575		134,621
Long-term liabilities:				
Customer advances—noncurrent		_		2,900
Deferred revenue—noncurrent		10,358		26,720
Total liabilities		124,933		164,241
Stockholders' equity:				_
Preferred stock, \$0.001 par value; authorized: 5,000,000 shares; no shares issued and outstanding.		_		_
Common stock, \$0.001 par value; authorized: 100,000,000 shares; issued: 58,052,062 and 56,719,864 shares at				
March 28, 2009 and June 28, 2008, respectively; outstanding: 55,912,044 and 54,579,846 shares at March 28,				
2009 and June 28, 2008, respectively.		56		55
Additional paid-in capital		268,811		252,901
Accumulated other comprehensive income (loss)		114		(1,067)
Accumulated deficit		(121,739)		(121,126)
Total stockholders' equity		147,242		130,763
Total liabilities and stockholders' equity	\$	272,175	\$	295,004