ACACIA RESEARCH CORP Form SC 13G February 14, 2017

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934

	ACACIA RESEARCH CORP	ORATION
И)	Jame of Issuer)	
com	nmon stock, \$0.001 par val	ue
(Title of	Class of Securities)	
	003881307	
(CU	JSIP Number) August 9, 2016	
(Date of Event Whic	ch Requires Filing of this	Statement)
Check the appropriate box to design Schedule is filed:	nate the rule pursuant to	which this
[X] Rule 13d-1(b)		
[_] Rule 13d-1(c)		
[_] Rule 13d-1(d)		
*The remainder of this cover page s initial filing on this form with r and for any subsequent amendment of the disclosures provided in a price	respect to the subject cla containing information whi	ss of securities,
The information required in the rem deemed to be "filed" for the purpose Act of 1934 ("Act") or otherwise su of the Act but shall be subject to see the Notes).	se of Section 18 of the Se abject to the liabilities	curities Exchange of that section
CUSIP NO. 003881307	13G	Page 2 of 8 Pages
(1) NAMES OF REPORTING PERSONS. I.R.S. IDENTIFICATION NOS. C	OF ABOVE PERSONS (entities	only).
Renaissance Technologies LLC	26-0385758	
(2) CHECK THE APPROPRIATE BOX IF A	A MEMBER OF A GROUP (SEE I	INSTRUCTIONS):

	(b) [_]		
(3)	SEC USE ONLY		
(4)	CITIZENSHIP OR PLACE OF ORGANIZA Delaware	TION	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	NUMBER OF SHARES	(5) SOLE VOTING POWER 3,401,800	
	BY EACH REPORTING	(6) SHARED VOTING POWER 0	
		(7) SOLE DISPOSITIVE POWER 3,401,800	
	(8) SHARED DISPOSITIVE POWER 0		
(9)	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 3,401,800		
(10)	CHECK BOX IF THE AGGREGATE AMOU	INT IN ROW (9) EXCLUDES CERTAIN SHARES	
(11)) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)		
(12)	TYPE OF REPORTING PERSON (SEE I	NSTRUCTIONS)	
	Page	2 of 8 pages	
	Page	3 of 8 pages	
	IP NO. 003881307	13G Page 3 of 8 Page	
(1)	NAMES OF REPORTING PERSONS.	ABOVE PERSONS (ENTITIES ONLY).	
	RENAISSANCE TECHNOLOGIES HOLDIN	IGS CORPORATION 13-3127734	
(2)	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) [_] (b) [_]		
(3)	SEC USE ONLY		

(4)	CITIZENSHIP OR PLACE OF ORGANIZATION	
	Delaware	
		(5) SOLE VOTING POWER
	NUMBER OF SHARES BENEFICIALLY OWNED	3,401,800
	BY EACH REPORTING PERSON WITH:	(6) SHARED VOTING POWER
		0
		(7) SOLE DISPOSITIVE POWER
		3,401,800
		(8) SHARED DISPOSITIVE POWER
		0
(9)	AGGREGATE AMOUNT BENEFICIALLY OWNED BY	EACH REPORTING PERSON
	3,401,800	
(10)	CHECK BOX IF THE AGGREGATE AMOUNT IN R (SEE INSTRUCTIONS) [_]	OW (9) EXCLUDES CERTAIN SHARES
(11)	PERCENT OF CLASS REPRESENTED BY AMOUN	T IN ROW (9)
	6.74 %	
(12)	TYPE OF REPORTING PERSON (SEE INSTRUCT HC	IONS)
	Page 3 of 8	pages
CUS	IP NO. 003881307 13G	Page 4 of 8 Pages
 Item	1.	
	(a) Name of Issuer	
	ACACIA RESEARCH CORPORATION	
	(b) Address of Issuer's Principal Execu	tive Offices.
	520 Newport Center Drive, Newport	Beach, California 92660
Item	2.	
	(a) Name of Person Filing:	
	This Schedule 13G is being filed b ("RTC") and Renaissance Technologi	

(b) Address of Principal Business Office or, if none, Residence.

The principal business address of the reporting persons is:

800 Third Avenue New York, New York 10022

(c) Citizenship.

RTC is a Delaware limited liability company, and RTHC is a Delaware corporation.

(d) Title of Class of Securities.

common stock, \$0.001 par value

(e) CUSIP Number.

003881307

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- (a) [_] Broker or dealer registered under section 15 of the Act.
- (b) [_] Bank as defined in section 3(a)(6) of the Act.
- (c) [_] Insurance Company as defined in section 3(a)(19) of the Act.
- (d) [_] Investment Company registered under section 8 of the Investment Company Act.
- (e) [x] Investment Adviser in accordance with Sec.240.13d-1(b) (1) (ii) (E).
- (f) [_] Employee Benefit Plan or Endowment Fund in accordance with Sec. 240.13d-1 (b) (1) (ii) (F).
- (g) [_] Parent holding company, in accordance with Sec.240.13d-1(b)(1)(ii)(G).
- (h) $[_]$ A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act.
- (i) [_] A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940.
- (j) [_] Group, in accordance with Sec.240.13d-1(b)(1)(ii)(J).

Item 4. Ownership.

(a) Amount beneficially owned.

RTC: 3,401,800 shares

RTHC: 3,401,800 shares, comprising the shares beneficially owned by RTHC, because of RTHC's majority ownership of RTC.

(b) Percent of Class.

RTC: 6.74 % RTHC: 6.74 %

- (c) Number of shares as to which the person has:
 - (i) sole power to vote or to direct the vote:

RTC: 3,401,800 RTHC: 3,401,800

(ii) Shared power to vote or to direct the vote: 0

(iii) sole power to dispose or to direct the disposition of:

RTC: 3,401,800 RTHC: 3,401,800

(iv) Shared power to dispose or to direct the disposition of:

RTC: 0 RTHC: 0

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Item 5. Ownership of Five Percent or Less of a Class.

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following: [_]

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

Certain funds and accounts managed by RTC have the right to receive dividends and proceeds from the sale of the securities which are the subject of this report.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company.

Not applicable

Item 8. Identification and Classification of Members of the Group.

Not applicable

Item 9. Notice of Dissolution of a Group.

Not applicable

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Item 10. Certification

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: February 14, 2017

Renaissance Technologies LLC

By: Mark Silber

Executive Vice President

Renaissance Technologies Holdings Corporation

By: Mark Silber Vice President

Attention: Intentional misstatements or omissions of fact constitute Federal criminal violations (See $18\ U.S.C.\ 1001$).

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EXHIBIT 99.1

AGREEMENT REGARDING JOINT FILING

UNDER RULE 13D-1(K) OF THE EXCHANGE ACT

In accordance with Rule 13d-1(k) under the Securities Exchange Act of 1934, as amended, each of the undersigned agrees to the filing on behalf of each of a Statement on Schedule 13G, and all amendments thereto, with respect to the shares of common stock, \$0.001 par value of ACACIA RESEARCH CORPORATION.

Date: February 14, 2017

Renaissance Technologies LLC

By: Mark Silber

Executive Vice President

Renaissance Technologies Holdings Corporation

By: Mark Silber Vice President

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