Anzalone Christopher Richard Form 4

October 13, 2009

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

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obligations

may continue.

Check this box

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * **Anzalone Christopher Richard**

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to

Issuer

Symbol

ARROWHEAD RESEARCH CORP

(Check all applicable)

[ARWR]

10/08/2009

(Last) (First) (Middle)

(Street)

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

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

President and CEO

201 SOUTH LAKE **AVENUE, SUITE 703**

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check Applicable Line)

Filed(Month/Day/Year)

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

PASADENA, CA 91101

Security

(Instr. 3)

(City) (State) (Zip) 1. Title of

2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 5. Amount of 6. Ownership Securities Form: Direct Beneficially (D) or Indirect Beneficial Owned (I) Following

Ownership (Instr. 4) (Instr. 4)

7. Nature of

Indirect

Reported (A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price

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

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

1. Title of Derivative Conversion 3. Transaction Date 3A. Deemed

(Month/Day/Year) Execution Date, if

5. Number of TransactionDerivative

6. Date Exercisable and **Expiration Date**

7. Title and Amou Underlying Securi

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Code

Securities

(Month/Day/Year)

(Instr. 3 and 4)

(Instr. 3)	Derivative Security		(Month/Day/Year)	(Instr. 8		Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)					
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amo Nun Shar
Stock Option	\$ 0.51	10/08/2009		A		1,126,500		10/08/2009(1)	10/08/2019	Common Stock	1,1

Reporting Owners

or Exercise

Reporting Owner Name / Address	Relationships						
1 8	Director	10% Owner	Officer	Other			
Anzalone Christopher Richard 201 SOUTH LAKE AVENUE SUITE 703 PASADENA, CA 91101	X		President and CEO				

any

Signatures

Person

Security

Christopher R.
Anzalone

**Signature of Reporting

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) 11% of the option award would be vested at the time of the grant and the remaining 89% would vest ratably on a quarterly basis over the next two years.

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.

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