

Myszowski Kenneth Allen  
 Form 3  
 April 15, 2010

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
 Myszowski Kenneth Allen  
 (Last) (First) (Middle)

2. Date of Event Requiring Statement  
 (Month/Day/Year)  
 11/16/2009

3. Issuer Name and Ticker or Trading Symbol  
 ARROWHEAD RESEARCH CORP [ARWR]

4. Relationship of Reporting Person(s) to Issuer

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

ARROWHEAD RESEARCH CORPORATION, 201 S. LAKE AVE., SUITE 703  
 (Street)

(Check all applicable)

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

PASADENA, CA 91101  
 (City) (State) (Zip)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.**

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable Date	Title	Amount or Number of		

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				Shares		or Indirect (I) (Instr. 5)	
Stock Option	05/16/2010 <sup>(1)</sup>	11/16/2019	Common Stock	250,000	\$ 0.7	D	Â
Stock Option	04/01/2010 <sup>(2)</sup>	03/04/2020	Common Stock	80,000	\$ 0.52	D	Â

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Myszkowski Kenneth Allen ARROWHEAD RESEARCH CORPORATION 201 S. LAKE AVE., SUITE 703 PASADENA, CA 91101	Â	Â	Â CFO	Â

## Signatures

Kenneth Allen  
Myszkowski

04/12/2010

\*\*Signature of Reporting Person                      Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 5(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).
- Vesting of 125,000 shares begins on May 16, 2010, at which time 15,632 shares vest; the balance vests on the first of each month
- (1) thereafter in equal monthly installments of 2,604 shares. Vesting of the remaining 125,000 shares begins on August 1, 2010, at which time 15,632 shares vest; the balance vests on the first of each month thereafter in equal monthly installments of 2,604 shares.
  - (2) Vesting in 24 equal monthly installments beginning on 4/01/10.

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.