

GIVEN BRUCE D  
Form 4/A  
July 09, 2012

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
Expires: January 31, 2005  
Estimated average burden hours per response... 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN 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 \*  
GIVEN BRUCE D

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

5. Relationship of Reporting Person(s) to Issuer  
  
(Check all applicable)

(Last) (First) (Middle)  
225 SOUTH LAKE AVNEUE,  
SUITE 300  
  
(Street)

3. Date of Earliest Transaction  
(Month/Day/Year)  
02/16/2012

\_\_\_\_ Director  
 Officer (give title below) \_\_\_\_\_ 10% Owner  
\_\_\_\_\_ Other (specify below)  
Chief Operating Officer

PASADENA, CA 91101

4. If Amendment, Date Original Filed(Month/Day/Year)  
02/21/2012

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

(City) (State) (Zip)

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Ownership (Instr. 4) |     |       |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|-----|-------|
|                                 |                                      |  |                                | (A) or (D)  | 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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SEC 1474  
(9-02)

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

| 1. Title of Derivative | 2. Conversion | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if | 4. Transaction | 5. Number of Derivative | 6. Date Exercisable and Expiration Date | 7. Title and Amount Underlying Security |
|------------------------|---------------|--------------------------------------|-------------------------------|----------------|-------------------------|---|---|
|------------------------|---------------|--------------------------------------|-------------------------------|----------------|-------------------------|---|---|

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| Security (Instr. 3)         | or Exercise Price of Derivative Security | any (Month/Day/Year) | Code (Instr. 8) | Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | (Month/Day/Year)          |      |   | (Instr. 3 and 4) |     |                  |                 |       |                      |
|-----------------------------|--|----------------------|-----------------|---|---------------------------|------|---|------------------|-----|------------------|-----------------|-------|----------------------|
|                             |  |                      |                 |   |                           | Code | V | (A)              | (D) | Date Exercisable | Expiration Date | Title | Amount Number Shares |
| Stock Option dated 02/16/12 | \$ 5.19                                  | 02/16/2012           | A               | 110,000<br><u>(2)</u>   | 03/01/2012 <sup>(1)</sup> |      |   |                  |     | 02/16/2022       | Common Stock    | 110,  |                      |

## Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |                         |       |
|---|---------------|-----------|-------------------------|-------|
|   | Director      | 10% Owner | Officer                 | Other |
| GIVEN BRUCE D<br>225 SOUTH LAKE AVNEUE, SUITE 300<br>PASADENA, CA 91101 |               |           | Chief Operating Officer |       |

## Signatures

Bruce D. Given                      07/05/2012  
 \*\*Signature of                      Date  
 Reporting Person

## 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) Option vests in 48 equal monthly installments.
- (2) Amended because original filing was incorrectly listed as "D" instead of "A"

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.