

ARROWHEAD RESEARCH CORP
 Form 5
 November 15, 2004

FORM 5

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

OMB APPROVAL
 OMB Number: 3235-0362
 Expires: January 31, 2005
 Estimated average burden hours per response... 1.0

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).
 Form 3 Holdings Reported Form 4 Transactions Reported

ANNUAL 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

1. Name and Address of Reporting Person *
STEWART R BRUCE

(Last) (First) (Middle)
 1118 EAST GREEN STREET
 (Street)

PASADENA, CA 91106

(City) (State) (Zip)

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

3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)
 09/30/2004

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner
 Officer (give title below) Other (specify below)
 President / Chairman of the Board

6. Individual or Joint/Group Reporting

(check applicable line)

Form Filed by One Reporting Person
 Form Filed by More than One Reporting Person

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) (A) or (D) Price | 5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|--|--|--|
|---------------------------------|--------------------------------------|--|--------------------------------|---|--|--|--|

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

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.

SEC 2270 (9-02)

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

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A) or | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Security (Instr. 3 and 4) |
|--|------------------------------------|--------------------------------------|--|--------------------------------|--|--|---|
|--|------------------------------------|--------------------------------------|--|--------------------------------|--|--|---|

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| Derivative Security | | | | | Disposed of (D) (Instr. 3, 4, and 5) | | Date Exercisable | Expiration Date | Title | Am Nur Sha |
|---------------------|------|------------|---|---|---|-----|---------------------------|-----------------|--------------|------------------|
| | | | | | (A) | (D) | | | | |
| stock option | \$ 1 | 02/15/2004 | Â | A | 250,000 | Â | 01/15/2008 ⁽¹⁾ | 02/14/2004 | common stock | 25 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|-------------|-----------------------|
| | Director | 10% Owner | Officer | Other |
| STEWART R BRUCE 1118 EAST GREEN STREET PASADENA, CA 91106 | Â X | Â | Â President | Chairman of the Board |

Signatures

R. Bruce Stewart 11/15/2004
 __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) Vesting monthly starting 10/15/04 in 40 equal installments with final installment vesting 1/15/08

Note: File three copies of this Form, one of which must be manually signed. If space provided 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.