

ARROWHEAD RESEARCH CORP  
Form 4  
August 18, 2006

**FORM 4**

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

OMB APPROVAL

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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 \*  
KNOTT DAVID M

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)  
485 UNDERHILL BLVD, SUITE 205  
  
(Street)

3. Date of Earliest Transaction (Month/Day/Year)  
08/16/2006

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

SYOSSET, NY 11791

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

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 Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Ownership (Instr. 4)
			Code	V	Amount or Price		
Common Stock, \$0.001 par value per share	08/16/2006		P		4,500 A \$ 4.88	44,800	I By Finderne LLC (formerly, Anno, L.P.) <sup>(1)</sup>
Common Stock, \$0.001 par value per share	08/16/2006		P		74,450 A \$ 4.88	1,813,631	I By Matterhorn Offshore Fund Limited <sup>(1)</sup>
	08/16/2006		P		19,000 A	752,800	I

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Common Stock, \$0.001 par value per share					\$ 4.88				By Shoshone Partners, LP <u>(1)</u>
Common Stock, \$0.001 par value per share	08/16/2006		P	4,300	A	\$ 4.88	4,300	I	By Mulsanne Partners LP <u>(1)</u>

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 Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	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 Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Own Follo Repor Trans (Instr
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
KNOTT DAVID M 485 UNDERHILL BLVD SUITE 205 SYOSSET, NY 11791		X		

## Signatures

David M. Knott                      08/16/2006  
 \*\*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).

The Reporting Person is the managing member of Knott Partners Management, LLC, which is the general partner of Shoshone Partners, L.P. and Knott Partners, L.P. In addition, the Reporting Person is the sole shareholder, director and president of Dorset Management Corporation, which provides investment management services to those entities listed in Table I(7). As a result of the Reporting Person's

(1) interests in Knott Partners Management, LLC and Dorset Management Corporation, the Reporting Person has investment discretion and control in the securities in Table I(5). The Reporting Person may be deemed to beneficially own indirect pecuniary interest in securities in Table I(5) as a result of a performance related fee. The Reporting Person disclaims beneficial ownership therein except to the extent ultimately realized.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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