

Ching Marshall Robert
 Form 3
 December 15, 2004

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 *		2. Date of Event Requiring Statement	3. Issuer Name and Ticker or Trading Symbol	
Â Ching Marshall Robert		(Month/Day/Year)	ARROWHEAD RESEARCH CORP [ARWR]	
(Last)	(First)	(Middle)	4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
1118 EAST GREEN STREET			(Check all applicable)	
(Street)			<input type="checkbox"/> Director	<input checked="" type="checkbox"/> 10% Owner
			<input type="checkbox"/> Officer	<input type="checkbox"/> Other
PASADENA,Â CAÂ 91106			(give title below) (specify below)	
(City)	(State)	(Zip)	6. Individual or Joint/Group Filing(Check Applicable Line)	
			<input checked="" type="checkbox"/> Form filed by One Reporting Person	
			<input type="checkbox"/> 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)
common stock	295,507	D	Â
common stock	1,125,000	D	Â
common stock	311,248	I	held by Pension Plan ⁽¹⁾
common stock	71,066	I	held by Pension Plan ⁽²⁾

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	3. Title and Amount of Securities Underlying	4. Conversion	5. Ownership	6. Nature of Indirect Beneficial
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	(Month/Day/Year)		Derivative Security (Instr. 4)		or Exercise Price of Derivative Security	Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
common stock purchase warrant	01/12/2004	06/30/2013	common stock	1,125,000	\$ 1.5	D	Â
common stock purchase warrant	01/31/2004	06/30/2013	common stock	704,487	\$ 1.5	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Ching Marshall Robert 1118 EAST GREEN STREET PASADENA, CA 91106	Â	Â X	Â	Â

Signatures

M. Robert Ching 12/15/2004

__Signature of Date
Reporting Person

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).
- (1) 311,248 shares of common stock are held by the M. Robert Ching Defined Benefit Pension Plan. Dr. Ching exercises beneficial ownership (voting and investment power) with respect to these shares.
 - (2) 71,066 shares of common stock are held by the M. Robert Ching Money Purchase Pension Plan. Dr. Ching exercises beneficial ownership (voting and investment power) with respect to these shares.

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.