

EMCORE CORP  
Form 3  
February 21, 2007

**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	
* Gushard Adam		(Month/Day/Year) 02/19/2007	EMCORE CORP [EMKR]	
(Last)	(First)	(Middle)	4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
C/O EMCORE CORPORATION, 10420 RESEARCH ROAD SE			(Check all applicable)	
(Street)			<input type="checkbox"/> Director	<input type="checkbox"/> 10% Owner
ALBUQUERQUE, NM 87123			<input checked="" type="checkbox"/> Officer	<input type="checkbox"/> Other
(City)	(State)	(Zip)	(give title below) (specify below)	
			interimChief Financial Officer	
			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	8,648	D	

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

SEC 1473 (7-02)

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**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	5. Ownership Form of Derivative Security:	6. Nature of Indirect Beneficial Ownership (Instr. 5)
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	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Security	Direct (D) or Indirect (I) (Instr. 5)	
Employee Stock Option (right to buy)	05/01/2003 <sup>(1)</sup>	Â <sup>(2)</sup>	Common Stock	67,000	\$ 1.82	D	Â
Employee Stock Option (right to buy)	Â <sup>(3)</sup>	05/18/2014	Common Stock	17,500	\$ 2.63	D	Â
Employee Stock Option (right to buy)	Â <sup>(4)</sup>	02/28/2015	Common Stock	27,500	\$ 3	D	Â
Employee Stock Option (right to buy)	12/29/2005	12/29/2015	Common Stock	1,598	\$ 7.32	D	Â
Employee Stock Option (right to buy)	Â <sup>(5)</sup>	08/28/2016	Common Stock	45,000	\$ 7.29	D	Â

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Gushard Adam C/O EMCORE CORPORATION 10420 RESEARCH ROAD SE ALBUQUERQUE, NM 87123	Â	Â	Â interimChief Financial Officer	Â

## Signatures

Adam Gushard                      02/21/2007

\*\*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).
- (1) The Option is fully vested. The Option was granted on May 1, 2003 as part of a 6+1 exchange program pursuant to which the employee surrendered all previous options and was granted a new option.
  - (2) This option expires as follows: 10,000 shares on 12/15/2007, 17,000 shares on 12/1/08, 8,000 shares on 4/14/2010, 5,000 shares on 4/26/2012, 17,500 shares on 10/3/2011, 7,500 shares on 4/4/2011, 2,000 shares on 3/2/2011.
  - (3) This option vests in four equal tranches beginning on 5/18/2005.
  - (4) This option vests in four equal tranches beginning on 2/28/2006.
  - (5) This option vests in four equal tranches beginning on 8/28/2007

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.