SEC	Form	4
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## FORM 4

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

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL									
OMB Number:	3235-0287								
Estimated average bur	den								

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l	hours per response:	0.5
l	Estimated average burden	

1. Name and Address of Reporting Pers	on <sup>*</sup>	2. Issuer Name and Ticker or Trading Symbol <u>EMCORE CORP</u> [ EMKR ]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)					
HOU HONG Q			X	Director	10% Owner			
10420 RESEARCH ROAD, SE		3. Date of Earliest Transaction (Month/Day/Year) 04/13/2012	X	Officer (give title below) CEO & Pres	Other (specify below) lent			
ALBUQUERQUE, NM 87123		4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line)					
(Street)			X	Form filed by One Rep	orting Person			
(City) (State)	(Zip)			Form filed by More that Person	n One Reporting			
Т	able I - Non-Deriva	tive Securities Acquired. Disposed of. or Benefi	cially	Owned				

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transa Code ( 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)		5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code	v	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		(1150.4)
Emcore Common Stock	04/13/2012		Α		356 <sup>(1)</sup>	Α	\$4.22	76,611 <sup>(2)</sup>	D	
Emcore Common Stock								6 <b>,</b> 346 <sup>(3)</sup>	Ι	By Trust 401(k)

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. Transa Code ( 8)		of		Expiration Date (Month/Day/Year) S			and ht of ties ying tive ty (Instr. 3	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				

Explanation of Responses:

1. Shares were purchased under the Company's Officer and Director Share Purchase Plan in a transaction exempt from Section 16b pursuant to Rule 16b-3(d).

2. Includes 25,000 shares of restricted stock granted under the Company's 2010 Equity Incentive Plan, vesting in two equal annual installments beginning on January 28, 2013.

3. Shares attributable to EMCORE Corporation 401(k) account as of March 31, 2012.

Alfredo Gomez, attorney-in-04/17/2012 fact

\*\* Signature of Reporting Person Date

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

\* 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).

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

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 Number.