FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL									
OMB Number:	3235-028								

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

37 Estimated average burden hours per response: 0.5

Name and Address of Reporting Person*     McCullough David					<u>BI</u>	2. Issuer Name <b>and</b> Ticker or Trading Symbol BIOCRYST PHARMACEUTICALS INC [ BCRX ]										all app	licable)	ng Perso	Person(s) to Issuer  10% Owner Other (specify		
(Last) (First) (Middle) 2190 PARKWAY LAKE DR						3. Date of Earliest Transaction (Month/Day/Year) 12/31/2009										belov	v) `	VP	below)		
(Street) BIRMIN (City)		AL (State		35244 Zip)		4. If	f Ame	endment	, Date c	of Origina	al Filed	d (Month/Da	ay/Ye	ear)		. Indiv ine) X	Form	r Joint/Group n filed by One n filed by Mo on	e Report	ing Pers	on
	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																				
1. Title of Security (Instr. 3)  2. Transac Date (Month/Da					ar)	Executio if any	A. Deemed recution Date, any lonth/Day/Year)				ities Acquired (A) d Of (D) (Instr. 3, 4			4 and Secu Bene		cially I Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial Ownership (Instr. 4)		
											v	Amount	(A) or (D)		Price	Trans		action(s) 3 and 4)			(1130.4)
Common Stock 12/31/2					/2009						4,542	(1) D		\$6.	.46 19,897		9,897	I	)		
	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)	erivative Conversion Date ecurity or Exercise (Month/Day/Year) if an		3A. Deeme Execution if any (Month/Da	ed 4. Transactio Code (Inst		(Instr	n of Deriv Secu Acqu (A) o Disp of (D (Instr	r osed ) r. 3, 4 5)	Expirati (Month/	5. Date Exercisable and Expiration Date Expiration  Date Expiration  Expiricable Date			7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4)  Amoun or Numbe of Title			ice of vative urity r. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Ow For Dire or I (I) (	nership m: ect (D) ndirect Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	

## **Explanation of Responses:**

1. Withholding of stock to satisfy tax withholding obligation.

/s/ Michael Richardson, by power of attorney

01/04/2010

\*\* 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.