

UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 WASHINGTON, D.C. 20549  
 FORM 4

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

( ) Check this box if no longer subject to Section 16.  
 Form 4 or Form 5 obligations may continue. See Instructions 1(b).

1. Name and Address of Reporting Person  
 BLACK, KIRBY S, PH.D.  
 c/o CryoLife, Inc.  
 1655 Roberts Boulevard, N.W.  
 Kennesaw, GA 30144
2. Issuer Name and Ticker or Trading Symbol  
 CRYOLIFE, INC.  
 CRY
3. IRS or Social Security Number of Reporting Person (Voluntary)
4. Statement for Month/Year  
 5/2000
5. If Amendment, Date of Original (Month/Year)
6. Relationship of Reporting Person(s) to Issuer (Check all applicable)  
 ( ) Director ( ) 10% Owner (X) Officer (give title below) ( ) Other  
 (specify below)  
 Vice President, R&D
7. Individual or Joint/Group Filing (Check Applicable Line)  
 (X) Form filed by One Reporting Person  
 ( ) Form filed by More than One Reporting Person

Table I -- Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security	2. Transaction Date	3. Code	4. Securities Acquired (A) or Disposed of (D)	5. Amount of Securities Beneficially Owned at End of Month	6. Director or Indirect (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership

Table II -- Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Derivative Security	2. Conversion or Exercise Price of Derivative	3. Date of Exercise	4. Code	5. Number of Derivative Securities Acquired (A) or Disposed of (D)	6. Date of Exercise (Month/Day/Year)	7. Title and Amount of Underlying Securities	8. Price of Derivative Security	9. Number of Derivative Securities	10. Director or Indirect (D) or Indirect (I)	11. Nature of Indirect Beneficial Ownership
Incentive Stock Option	17.25	5-26-01	A	15,000	5-26-01	Common Stock	15,000	N/A	15,000	D

Explanation of Responses:  
 (1) Exercisable in five equal annual installments of 3,000 shares beginning on 5-26-01.

SIGNATURE OF REPORTING PERSON  
 /s/ Kirby S. Black  
 Kirby S. Black, Ph.D.  
 DATE  
 September 6, 2000