

LYLE CORINNE H  
Form 4  
May 16, 2005

**FORM 4**

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

OMB APPROVAL

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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 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 \*  
LYLE CORINNE H

2. Issuer Name and Ticker or Trading Symbol  
EDWARDS LIFESCIENCES CORP  
[EW]

5. Relationship of Reporting Person(s) to Issuer  
(Check all applicable)  
 Director  10% Owner  
 Officer (give title below)  Other (specify below)  
CVP, Chief Financial Officer

(Last) (First) (Middle)  
C/O EDWARDS LIFESCIENCES CORPORATION, ONE EDWARDS WAY

3. Date of Earliest Transaction (Month/Day/Year)  
05/12/2005

(Street)  
IRVINE, CA 92614

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

(City) (State) (Zip)

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
Common Stock <sup>(1)</sup>				(A) or (D) Price	887	I	By 401(k) <sup>(1)</sup>
Common Stock	05/12/2005		A	6,000 <sup>(2)</sup> A \$ 0	12,966 <sup>(3)</sup>	D	

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

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**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. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Security (Instr. 3 and 4)
Employee Stock Option (Right to Acquire)	\$ 45.9	05/12/2005		A	49,000	05/12/2006 <sup>(4)</sup> 05/11/2012	Common Stock 49,000

## Reporting Owners

Reporting Owner Name / Address	Relationships
LYLE CORINNE H C/O EDWARDS LIFESCIENCES CORPORATION ONE EDWARDS WAY IRVINE, CA 92614	Director 10% Owner Officer CVP, Chief Financial Officer Other

## Signatures

/s/ Jay P. Wertheim, Attorney-in-fact  
Date: 05/13/2005

\*\*Signature of Reporting Person Date

## Explanation of Responses:

- \* 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).
- (1) Shares represented on the most recent statement of the 401(k) Plan Administrator where a unitized accounting procedure is utilized to convert the equities to share equivalents.
- (2) Reflects unvested restricted stock units granted on May 12, 2005.
- (3) This amount includes quarterly acquisitions of shares under the Edwards Lifesciences Corporation Employee Stock Purchase Plan as reflected on the most recent report of the plan administrator.
- (4) This option was granted on May 12, 2005 under the Edwards Lifesciences Corporation Long-Term Stock Incentive Compensation Program and becomes exercisable commencing one year after the grant date in four equal annual installments.
- (5) This Form 4 reflects changes in beneficial ownership only; it does not identify other securities of the Issuer beneficially owned by the reporting person.

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.