

Ward Pierce Lynda
 Form 4
 April 28, 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 *

Ward Pierce Lynda

(Last) (First) (Middle)
 3003 TASMAN DRIVE
 (Street)

SANTA CLARA, CA 95054

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol

SILICON VALLEY BANCSHARES
 [SIVB]

3. Date of Earliest Transaction
 (Month/Day/Year)
 04/26/2005

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

___ Director ___ 10% Owner
 Officer (give title below) Other (specify below)
 Head of HR / Head of HR

6. Individual or Joint/Group Filing(Check Applicable Line)
 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 (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)
			Code	V	Amount	(D)	Price

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

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SEC 1474
 (9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security	2. Conversion or Exercise	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any	4. Transaction Code	5. Number of Derivative Securities	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Security (Instr. 3 and 4)
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(Instr. 3)	Price of Derivative Security	(Month/Day/Year)	(Instr. 8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Number of Shares
Incentive Stock Option (right to buy)	\$ 46.31	04/26/2005	A	2,159					04/26/2006 ⁽¹⁾	04/26/2012	Common Stock	2
Non-Qualified Stock Option (right to buy)	\$ 46.31	04/26/2005	A	7,841					04/26/2006 ⁽¹⁾	04/26/2012	Common Stock	7
Restricted Stock Unit	\$ 0	04/26/2005	A	5,250					12/01/2006 ⁽²⁾	12/01/2007	Common Stock	5

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Ward Pierce Lynda 3003 TASMAN DRIVE SANTA CLARA, CA 95054			Head of HR	Head of HR

Signatures

By: Lisa Bertolet as attorney in fact For: Lynda Ward
Pierce 04/28/2005

__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) Stock options were granted to the reporting person. Vesting will occur annually from the date of grant over 4 years with 25% vesting each year.
- The reporting person was granted restricted stock units (RSUs) which are subject to performance-based vesting. The RSUs are effective as of 4/26/05, and will vest on 12/1/06, based on the level of return on average equity (ROE) achieved by the Company at December 31, 2005 as follows: (i) if less than 90% of target, nonewill vest; (ii) if 90% but less than 100% of target 1,750 will vest; (iii) if 100% but less than 110% of target 3,500 will vest; and (iv) if 110% or greater of target 5,250 will vest. Vesting is subject to adjustment by the Compensation Committee as approved to take into account extraordinary items that may impact the calculation of ROE.

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.