| FORM | 4 |
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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). |

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

OMB APPROVAL OMB Number: 3235-0287 Estimated average burden hours per response... 0.5

SEC 1474 (9-02)

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

| (Print or Type Responses) | | | | | | | | | | | | |
|--|----------------------------------|---------------------|--|--------------------|-----------|---|--------|------------|--|-------|---|--|
| 1. Name and Address O'Toole David D | 2. Issuer Name an CODEXIS INC | | | ding Sym | bol | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner | | | | | | |
| (Last) C/O CODEXIS, II DRIVE | (First) NC., 200 PE1 | (Middle) NOBSCOT | 3. Date of Earliest Transaction (Month/Day/Year) 09/04/2013 | | | | | | X Officer (give title below) Other (specify below) SVP & Chief Financial Officer | | | |
| REDWOOD CITY | 4. If Amendment, I | Date Origir | nal Fi | led(Month/I | Day/Year) | 6. Individual or Joint/Group Filing(Check Applicable Line) _X_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) | | | Execution Date, if | Code (Instr. 8) | | (A) or D (Instr. 3, | (A) or | | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | Form: | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | |
| Common Stock | | 09/04/2013 | | F <u>(1)</u> | | 4,697 | D | \$ 1.76 | 110,687 | D | | |

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

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 control number.

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

| | (e.g., puts, calls, warrants, options, convertible securities) | | | | | | | | | | | | | | |
|-------------|--|------------------|--------------------|------------|------------|--------|-------|-----------------------------------|------------|--------|---------|-------------|----------------|-------------|-------------|
| 1. Title of | | 3. Transaction | 3A. Deemed | 4. | | 5. | | 6. Date Exer | cisable | 7. Tit | le and | 8. Price of | 9. Number of | | 11. Nature |
| Derivative | Conversion | Date | Execution Date, if | Transactio | on 1 | Numł | ber | and Expiration | on Date | Amou | unt of | Derivative | Derivative | Ownership | of Indirect |
| Security | or Exercise | (Month/Day/Year) | any | Code | | of | | (Month/Day | /Year) | Unde | rlying | Security | Securities | Form of | Beneficial |
| (Instr. 3) | Price of | | (Month/Day/Year) | (Instr. 8) |] | Deriv | ative | | | Secur | rities | (Instr. 5) | Beneficially | Derivative | Ownership |
| | Derivative | | | | : | Secur | ities | | | (Instr | . 3 and | | Owned | Security: | (Instr. 4) |
| | Security | | | | | Acqu | ired | | | 4) | | | Following | Direct (D) | |
| | | | | | | (A) o | r | | | | | | Reported | or Indirect | |
| | | | | |] | Dispo | sed | | | | | | Transaction(s) | (I) | |
| | | | | | | of (D) |) | | | | | | (Instr. 4) | (Instr. 4) | |
| | | | | | (Instr. 3, | | | | | | | | | | |
| | | | | | 4, and 5) | | | | | | | | | | |
| | | | | | | | | | | | Amount | | | | |
| | | | | | | | | D. | т · | | or | | | | |
| | | | | | | | | Date Expirati Exercisable Date | Expiration | Title | Number | | | | |
| | | | | | | | | Exercisable | Date | | of | | | | |
| | | | | Code | V | (A) | (D) | | | | Shares | | | | |

Reporting Owners

| | Relationships | | | | | | | | |
|---|---------------|--------------|-------------------------------|-------|--|--|--|--|--|
| Reporting Owner Name / Address | Director | 10% Owner | Officer | Other | | | | | |
| O'Toole David D C/O CODEXIS, INC. 200 PENOBSCOT DRIVE REDWOOD CITY, CA 94063 | | | SVP & Chief Financial Officer | | | | | | |

Signatures

 /s/ David R. Swarthout, Attorney-in-Fact for David D. O'Toole
 09/06/2013

 **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 withheld by the Issuer on vesting of restricted stock solely to cover applicable withholding taxes. No shares were sold in the open market; the transaction reported herein was executed automatically upon the vesting of the Reporting Person's restricted stock.

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.