

Gregory Philip D
 Form 4
 February 05, 2018

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 *
 Gregory Philip D

(Last) (First) (Middle)
 C/O BLUEBIRD BIO, INC., 60
 BINNEY STREET
 (Street)

CAMBRIDGE, MA 02142

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading Symbol
 bluebird bio, Inc. [BLUE]

3. Date of Earliest Transaction
 (Month/Day/Year)
 02/01/2018

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)
 Chief Scientific Officer

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 Indirect Ownership (Instr. 4)	
Common Stock ⁽¹⁾	02/01/2018		A	V	8,500	A	\$ 0 32,272	D
Common Stock	02/01/2018		M		1,250	A	\$ 50.51 33,522	D
Common Stock	02/01/2018		S ⁽²⁾		301	D	\$ 202.5349 ⁽³⁾ 33,221	D
Common Stock	02/01/2018		S ⁽²⁾		400	D	\$ 203.725 ⁽⁴⁾ 32,821	D
Common Stock	02/01/2018		S ⁽²⁾		800	D	\$ 205.225 ⁽⁵⁾ 32,021	D

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) Restricted stock units for common stock vest over a four-year period at a rate of 25% on 01/04/2019, 25% on 01/04/2020, 25% on 01/04/2021, and 25% on 01/04/2022.
- (2) This sales reported in the Form 4 were effected pursuant to a 10b5-1 trading plan adopted by the reporting person on March 17, 2017.
The range in prices for the transaction reported on this line was \$202.20 to \$203.15. The average weighted price was \$202.5349. The reporting person will provide, upon request by the SEC, the issuer or security holder of the issuer, full information regarding the number of shares sold at each separate price.
- (3) The range in prices for the transaction reported on this line was \$203.25 to \$204.05. The average weighted price was \$203.7250. The reporting person will provide, upon request by the SEC, the issuer or security holder of the issuer, full information regarding the number of shares sold at each separate price
- (4) The range in prices for the transaction reported on this line was \$204.80 to \$205.65. The average weighted price was \$205.2250. The reporting person will provide, upon request by the SEC, the issuer or security holder of the issuer, full information regarding the number of shares sold at each separate price
- (5) The range in prices for the transaction reported on this line was \$205.85 to \$206.40. The average weighted price was \$206.1235. The reporting person will provide, upon request by the SEC, the issuer or security holder of the issuer, full information regarding the number of shares sold at each separate price
- (6) This option vests over a four-year period, at a rate of twenty-five percent (25%) on January 4, 2019, and in 36 equal monthly installments.
- (7) This option vests over a four-year period, at a rate of twenty-five percent (25%) on January 4, 2017 and in 36 equal monthly installments thereafter.
- (8)

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.