| GLAXOSMITHKLINE PLC<br>Form 6-K/A<br>April 24, 2017         |  |  |
|-------------------------------------------------------------|--|--|
| FORM 6-K/A                                                  |  |  |
|                                                             |  |  |
| SECURITIES AND EXCHANGE COMMISSION                          |  |  |
| Washington D.C. 20549                                       |  |  |
|                                                             |  |  |
| Report of Foreign Issuer                                    |  |  |
|                                                             |  |  |
| Pursuant to Rule 13a-16 or 15d-16 of                        |  |  |
| the Securities Exchange Act of 1934                         |  |  |
|                                                             |  |  |
| For period ending 24 April 2017                             |  |  |
| GlaxoSmithKline plc                                         |  |  |
| (Name of registrant)                                        |  |  |
| 980 Great West Road, Brentford, Middlesex, TW8 9GS          |  |  |
| (Address of principal executive offices)                    |  |  |
|                                                             |  |  |
| Indicate by check mark whether the registrant files or      |  |  |
| will file annual reports under cover Form 20-F or Form 40-F |  |  |
|                                                             |  |  |
|                                                             |  |  |
| Form 20-F x Form 40-F                                       |  |  |

| Indicate by check mark whether the registrant by furnishing the                                                                                                                                                                                                                         |                                                                         |                                                                   |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------|--|
| information contained in this Form is also thereby furnishing the                                                                                                                                                                                                                       |                                                                         |                                                                   |  |
| information to the Commission pursuant to Rule 12g3-2(b) under the                                                                                                                                                                                                                      |                                                                         |                                                                   |  |
| Securities Exchange Act of 1934.                                                                                                                                                                                                                                                        |                                                                         |                                                                   |  |
| Υє                                                                                                                                                                                                                                                                                      | es No x                                                                 |                                                                   |  |
|                                                                                                                                                                                                                                                                                         | ne following amendment has been made to 17.                             | o the Director/PDMR Shareholding announcement released on 19 Apri |  |
| Removal of the text which incorrectly reported that 13.866 Ordinary Shares had been acquired following the re-investment of dividends paid to shareholders on 13 April 2017 on released shares from the Company's 2009 Deferred Annual Bonus Plan on a post-tax basis - Matching Award. |                                                                         |                                                                   |  |
| Al                                                                                                                                                                                                                                                                                      | l other details remain unchanged.                                       |                                                                   |  |
| Th                                                                                                                                                                                                                                                                                      | ne full amended text is shown below.                                    |                                                                   |  |
| Gl                                                                                                                                                                                                                                                                                      | axoSmithKline plc (the 'Company')                                       |                                                                   |  |
| Tr                                                                                                                                                                                                                                                                                      | ansaction notification                                                  |                                                                   |  |
| 1.                                                                                                                                                                                                                                                                                      | . Details of PDMR/person closely associated with them ('PCA')           |                                                                   |  |
| a)                                                                                                                                                                                                                                                                                      | Name                                                                    | Ms C Thomas                                                       |  |
| b)                                                                                                                                                                                                                                                                                      | Position/status                                                         | SVP, HR                                                           |  |
| c)                                                                                                                                                                                                                                                                                      | Initial notification / amendment                                        | Amendment                                                         |  |
| 2.                                                                                                                                                                                                                                                                                      | Details of the issuer, emission allowance auctioneer or auction monitor | e market participant, auction platform,                           |  |
| a)                                                                                                                                                                                                                                                                                      | Name                                                                    | GlaxoSmithKline plc                                               |  |
| h)                                                                                                                                                                                                                                                                                      | LEI                                                                     | 5493000HZTVIJYI O1D793                                            |  |

Details of the transaction(s): section to be repeated for (i) each type of instrument;

3. (ii) each type of transaction; (iii) each date; and (iv) each place where transaction(s) has been conducted

Ordinary shares of 25 pence each

a) Description of the financial instrument

ISIN: GB0009252882

('Ordinary Shares')

Acquisition of Ordinary Shares following

the re-investment of dividends paid to shareholders on 13 April 2017 on released shares from the Company's 2009 Deferred Annual Bonus Plan on a post-tax basis -

Co-investment shares.

Price(s) Volume(s)

c) Price(s) and volume(s)

b) Nature of the transaction

£16.4042 41.365 (Co-investment shares)

Aggregated information

d) n/a (single transaction)

Aggregated volume Price

2017-04-18

f) Place of the transaction

e) Date of the transaction

London Stock Exchange (XLON)

#### **SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorised.

GlaxoSmithKline plc (Registrant)

Date: April 24, 2017

By: VICTORIA WHYTE

Victoria Whyte Authorised Signatory for and on behalf of GlaxoSmithKline plc