

GLAXOSMITHKLINE PLC  
Form 6-K  
January 20, 2015

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 January 2015

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  Form 40-F

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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.

Yes No

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GlaxoSmithKline plc

Notification of Transactions of Directors, Persons Discharging  
Managerial Responsibility or Connected Persons

In accordance with DTR 3.1.4R(1)(a) GlaxoSmithKline plc ('GSK') was advised on 16 January 2015, of changes in the interests of the following Person Discharging Managerial Responsibilities, following increases in their actual and notional interests in American Depositary Shares (ADSs), at a price of \$41.78 per ADS, following the re-investment of dividends paid on ADSs held in the unvested portion of GSK 2009 Deferred Annual Bonus Plan Post-Tax awards and matching elements.

Director/PDMR	Number of actual ADSs acquired under the personal contribution element of the plan	Number of notional ADSs acquired under the matching element of the plan
Mrs D P Connelly	51.56	51.64

The notional dividends accrued will be paid out in proportion to the percentage of the participant's deferred annual bonus holdings that will vest following the end of the relevant measurement period.

V A Whyte  
Company Secretary

20 January 2015

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: January 20, 2015

By: VICTORIA WHYTE  
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Victoria Whyte  
Authorised Signatory for and on  
behalf of GlaxoSmithKline plc