

GLAXOSMITHKLINE PLC

Form 6-K

February 17, 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 February 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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Notification of Transactions of Directors and Persons Discharging Managerial Responsibility or Connected Persons

GlaxoSmithKline Performance Share Plan
Sale of shares to meet tax liabilities

The table below sets out changes in the interests of a connected person of a Person Discharging Managerial Responsibility (PDMR) in the Ordinary Shares of GlaxoSmithKline plc arising from the sales of Ordinary Shares at a fair market value price of £15.4312 per Ordinary Share on 13 February 2015. This sale was to meet tax liabilities following the vesting of awards granted in 2012 under the GlaxoSmithKline 2009 Performance Share Plan (PSP).

Name of PDMR	Name of Connected Person	Number of Ordinary Shares sold to meet tax liabilities following the vesting of a PSP award
Mr P Thomson	Mrs K Thomson	270

The Company and the above individual were advised of this transaction on 17 February 2015.

This notification relates to a transaction notified in accordance with Disclosure and Transparency Rule 3.1.4R(1)(c).

V A Whyte
Company Secretary

17 February 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: February 17, 2015

By: VICTORIA WHYTE

Victoria Whyte
Authorised Signatory for and on
behalf of GlaxoSmithKline plc