GLAXOSMITHKLINE PLC
Form 6-K
July 14, 2014

FORM 6-K

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 July 2014

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

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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 x

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

The Administrators of the GlaxoSmithKline Deferred Investment Award Programme notified the Company and the under-mentioned persons on 14 July 2014 of the following increases in their notional interests in Ordinary Shares at a price of 1567.25 pence per Share following the re-investment of the dividend paid to shareholders on 10 July 2014.

Mr R G Connor	333.367
Mr J Ford	49.409
Mr S A Hussain	416.708
Mr D S Redfern	333.367
Ms C Thomas	333.367
Dr P J T Vallance	416.708
Ms E Walmsley	763.922
Mrs V A Whyte	184.180

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

V A Whyte
Company Secretary

14 July 2014

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: July 14, 2014

By: VICTORIA WHYTE

Victoria Whyte
Authorised Signatory for and on
behalf of GlaxoSmithKline plc