

GLAXOSMITHKLINE PLC  
Form 6-K/A  
February 03, 2012

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 2012

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, Persons Discharging Managerial Responsibility or Connected Persons

I give below details of changes in the directors' interests in the Ordinary shares and American Depository Shares (ADSs) of GlaxoSmithKline plc.

On 30 June 2011, the Company's Non-Executive Directors were provisionally allocated awards over Ordinary shares at a price of £13.20 per Ordinary share and \$42.43 per ADS under the share allocation arrangements for Non-Executive Directors for the period of service from 1 April 2011 to 30 June 2011:

Non Executive Director	Ordinary Shares	American Depository Shares (ADSs)
Sir Christopher Gent	2,556.818	
Prof. Sir Roy Anderson	639.205	
Dr Stephanie Burns		488.684
Ms Stacey Cartwright	355.114	
Mr Lawrence Culp		977.369
Sir Crispin Davis	2,367.424	
Ms Judy Lewent		174.530
Sir Deryck Maughan		977.369
Mr James Murdoch	1,420.455*	
Dr Daniel Podolsky		942.463
Mr Tom de Swaan	875.947	
Sir Robert Wilson	639.205	

The Company and the Non-Executive Directors were informed of these allocations on 1 July 2011.

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

V A Whyte  
Company Secretary

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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 3, 2012

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