

GLAXOSMITHKLINE PLC  
Form 6-K  
January 05, 2010

**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 January 2010

**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.

Yes No x

--

**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 31 December 2009, the Company's Non-Executive Directors were provisionally allocated awards over Ordinary shares at a price of £13.25 per Ordinary share and \$42.40 per ADS under the share allocation arrangements for Non-Executive Directors for the period of service from 1 October 2009 to 31 December 2009:

	<b>Ordinary</b>	<b>American</b>
<b>Non Executive Director</b>	<b>Shares</b>	<b>Depository Shares (ADSs)</b>
Sir Christopher Gent	2,547.17	
Prof. Sir Roy Anderson	636.79	
Dr Stephanie Burns		181.25
Mr Lawrence Culp		181.25
Sir Crispin Davis	2,358.49	
Sir Deryck Maughan		181.25
Mr James Murdoch	495.28	
Dr Daniel Podolsky		253.76
Mr Tom de Swaan	872.64	
Sir Robert Wilson	636.79	

The Company and the Non-Executive Directors were informed of these allocations on 4 January 2010.

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

S M Bicknell  
Company Secretary

5 January 2010

### 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 05, 2010

By: VICTORIA WHYTE

-----

Victoria Whyte  
Authorised Signatory for and on  
behalf of GlaxoSmithKline plc