

GLAXOSMITHKLINE PLC  
Form 6-K  
July 11, 2008

**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 11th, 2008

**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 interests of Directors, Persons Discharging Managerial Responsibility or Connected Persons in the Ordinary shares of GlaxoSmithKline plc

in respect of the under-mentioned persons arising from the purchase of Ordinary shares at a price of £12.41 per Ordinary share on 10 July 2008

through the Company's ShareReward Plan ( " the Plan " ) which the under-mentioned persons entered on 5 October 2001:

Mr A P Witty	Acquisition of 17 Ordinary shares under the Dividend Reinvestment element of the Plan
Mr C Viehbacher	Acquisition of 3 Ordinary shares under the Dividend Reinvestment element of the Plan
Mr J S Heslop	Acquisition of 17 Ordinary shares under the Dividend Reinvestment element of the Plan
Mr S M Bicknell	Acquisition of 17 Ordinary shares under the Dividend Reinvestment element of the Plan
Mr E J Gray	Acquisition of 17 Ordinary shares under the Dividend Reinvestment element of the Plan
Mr D Learmouth	Acquisition of 17 Ordinary shares under the Dividend Reinvestment element of the Plan
Dr D Pulman	Acquisition of 8 Ordinary shares under the Dividend Reinvestment element of the Plan
Mr D S Redfern	Acquisition of 17 Ordinary shares under the Dividend Reinvestment element of the Plan
Ms C Thomas	Acquisition of 17 Ordinary shares under the Dividend Reinvestment element of the Plan

The Company and the above-mentioned persons were advised of this information on 11 July 2008

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

S M Bicknell  
Company Secretary

11 July  
2008

### **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 11th, 2008

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