

GLAXOSMITHKLINE PLC  
Form 6-K  
August 05, 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 August 04, 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**

The Administrators of the GlaxoSmithKline Performance Share Plan notified the Company and the under-mentioned persons on 4 August 2008 of an increase in their notional interests in Ordinary shares at a price of £11.67 per share and Ordinary Share ADRs at a price of \$46.53 per ADR following the notional re-investment of the dividend to be paid to shareholders on 9 October 2008.

	<b>Ordinary shares</b>	<b>ADRs</b>
Mr A P Witty	4,470.70	
Mr J S Heslop	3,633.09	
Dr M M Slaoui	323.21	1,591.48
Mrs C E Bruck Slaoui	25.76	36.21
Mr C Viehbacher		1,448.54
Mr S M Bicknell	272.18	
Mr J M Clarke	2,708.82	
Mr M Dunoyer	1,020.20	
Mr E J Gray	845.59	
Mr D Learmouth	557.04	
Mr W C Louv		640.11
Mr D J Phelan		1,356.28
Dr D Pulman		880.70
Mr D S Redfern	415.12	
Mr J R Stéphenne	935.77	
Ms C Thomas	312.39	
Mr S M Werner		183.89

The notional dividends accrued will be paid out in proportion to the percentage of participants' Performance Share Plan holdings that vest following the end of the relevant three year measurement period.

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

S M Bicknell

Company Secretary

4 August 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: August 04, 2008

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