

GLAXOSMITHKLINE PLC  
Form 6-K  
September 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 September 11, 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 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**

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 £

12.72

per

Ordinary share

on

9 September

2008

through the Company's Share

Reward Plan ("the Plan") which

the under-

mentioned

persons

entered

on 5 October 2001:

Mr A P Witty	Acquisition of 10 Ordinary shares under the partnership element of the Plan (personal contribution)
	Acquisition of 10 Ordinary shares under the matching element of the Plan (Company contribution)
Mr J S Heslop	Acquisition of 10 Ordinary shares under the partnership element of the Plan (personal contribution)
	Acquisition of 10 Ordinary shares under the matching element of the Plan (Company contribution)
Mr S M Bicknell	Acquisition of 10 Ordinary shares under the partnership element of the Plan (personal contribution)
	Acquisition of 10 Ordinary shares under the matching element of the Plan (Company contribution)
Mr E J Gray	Acquisition of 10 Ordinary shares under the partnership element of the Plan (personal contribution)
	Acquisition of 10 Ordinary shares under the matching element of the Plan (Company contribution)
Mr D Learmouth	Acquisition of 10 Ordinary shares under the partnership element of the Plan (personal contribution)
	Acquisition of 10 Ordinary shares under the matching element of the Plan (Company contribution)
Mr D S Redfern	Acquisition of 10 Ordinary shares under the partnership element of the Plan (personal contribution)
	Acquisition of 10 Ordinary shares under the matching element of the Plan (Company contribution)
Ms C Thomas	Acquisition of 10 Ordinary shares under the partnership element of the Plan (personal contribution)
	Acquisition of 10 Ordinary shares under the matching element of the Plan (Company contribution)

The Company and the above-mentioned persons were advised of this information on 10 September 2008

This notification relates to a transac

tion notified in accordance with  
Disclosure  
and  
Transparency  
R  
ule 3.1.4R(1)(a)  
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V A Whyte  
Deputy  
Company Secretary

11  
September

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: September 11, 2008

By: VICTORIA WHYTE

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Victoria Whyte  
Authorised Signatory for and on  
behalf of GlaxoSmithKline plc