

GLAXOSMITHKLINE PLC  
Form 6-K  
August 29, 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 28, 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 interests in the Ordinary share ADRs

of GlaxoSmithKline plc in respect of the under-mentioned Person Discharging Managerial Responsibility

:-

Mr D J Phelan Sale of 5,000 ADR shares on 25 August 2008 at a price of \$46.08

per ADR share

Sale of 6,090 ADR shares on 25 August 2008 at a price of \$46.01 per ADR share

The Company was advised of this transaction on

28 August

2008

This notification is in accordance with  
Disclosure Rule

3.1.4R(1)(a)

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S M Bicknell  
Company Secretary

28 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 28, 2008

By: VICTORIA WHYTE

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Victoria Whyte  
Authorised Signatory for and on  
behalf of GlaxoSmithKline plc