

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 t  
his transaction  
on

28 August

2008

This notification is in accordance with  
Disclosure Rule

3.1.4R(1)(a)

)

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