

GLAXOSMITHKLINE PLC  
Form 6-K  
August 11, 2009

**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 2009

**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

--

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

--

**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, arising from the sale of Ordinary share ADRs on 10 August 2009 at a price of \$39.02 per ADR:

Mr W C Louv                      1,964

The Company and the above named person was advised of this information on 11 August 2009.

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 August 2009

**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 11 2009

By: VICTORIA WHYTE

-----

Victoria Whyte  
Authorised Signatory for and on

