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www.elsevier.com/locate/jedc

PII: S0165-1889(13)00241-8
DOI: <http://dx.doi.org/10.1016/j.jedc.2013.12.005>
Reference: DYNCON2922

To appear in: *Journal of Economic Dynamics & Control*

Received date: 27 May 2012
Revised date: 24 June 2013
Accepted date: 4 December 2013

Cite this article as: Edouard Challe, Chryssi Giannitsarou, Stock prices and monetary policy shocks: A general equilibrium approach, *Journal of Economic Dynamics & Control*, <http://dx.doi.org/10.1016/j.jedc.2013.12.005>

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**STOCK PRICES AND MONETARY POLICY SHOCKS:
A GENERAL EQUILIBRIUM APPROACH**

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December 11, 2013

ABSTRACT. Empirical literature documents that unexpected changes in the nominal interest rates have a significant effect on real stock prices: a 100-basis point increase in the nominal interest rate is associated with an immediate decrease in broad real stock indices that may range from 2.2 to 9 percent, followed by a gradual decay as real stock prices revert towards their long-run expected value. We assess the ability of a general equilibrium New Keynesian asset-pricing model to account for these facts. We consider a production economy with elastic labor supply, staggered price and wage setting, as well as time-varying risk aversion through habit formation. We find that the model predicts a stock market response to policy shocks that matches empirical estimates, both qualitatively and quantitatively. Our findings are robust to a range of variations and parametrizations of the model.

KEYWORDS: Monetary policy; Asset prices; New Keynesian general equilibrium model

JEL CLASSIFICATION: E31, E52, G12

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