

**Report on Collaborative Research
Activities Funded Through the Advising Board Grant 2015-2016**

Name: Abdul M. Siddiqui *sid*
Department: Mathematics, Penn State York
Project: Some Flow Problems in Bio-Fluids
Amount Requested: \$2,500
Amount Awarded: \$500

The funding through the Advisory Board Grant was used to cover the print charges of two articles:

- (1) Creeping flow of viscous fluid through a proximal tubule with uniform reabsorption. A mathematical study accepted in Applied Mathematical Sciences.
Processing fee paid - \$265

- (2) Three dimensional flow of a second grade fluid along an infinite horizontal plane wall with periodic suction. Accepted in Research Journal for Engineering, Technology and Sciences.
Processing fee paid - \$119

Five more drafts are in submission status. The processing fee for these drafts roughly amounts to \$15,000.

April 14/2016