

Undergraduate Student Research

Salisbury University

The faculty in the physics department at Salisbury University take enormous pride in involving undergraduate students in research activities. We publish articles with student coauthors whenever possible. This is obviously a win, win situation.

Articles

Shakur, A. and Connor, R. (2018). The PASCO Wireless Smart Cart: A Game Changer in the Undergraduate Physics Laboratory. *The Physics Teacher*, **56**, 152 <https://doi.org/10.1119/1.5025290>

Shakur, A. and Kraft, J. (2016). Measurement of Coriolis Acceleration with a Smartphone. *The Physics Teacher*, **54**, 288 <https://doi.org/10.1119/1.4947157>

Shakur, A. (2015). Bullet-Block Science Video Puzzle. *The Physics Teacher*, **53**, 15 <https://doi.org/10.1119/1.4904234>

Shakur, A. (2014). Debunking Coriolis force myths. *The Physics Teacher*, **52**, 464. <https://doi.org/10.1119/1.4897580>

Shakur, A. and Sinatra, T. (2013). iPhysicsLabs: Angular Momentum. *The Physics Teacher*, **51**, 564 <https://doi.org/10.1119/1.4830076>

Shakur, A. and Pica, A. (1997). On an ambiguous demonstration. *The Physics Teacher*, **35**, 316 <https://doi.org/10.1119/1.2344701>

Book(s)

Hemmick, D.L. and Shakur, A.M. (2012). *Bell's Theorem and Quantum Realism: Reassessment in Light of the Schrodinger Paradox*. Heidelberg, NY: Springer.

Presentations

Shakur, A., Shetty, S. and Arvi, L. (2010). Woefully imperfect market puzzle. Presented at the 2010 Annual Meeting of the Southwestern Finance Association. Presented at Southwestern Finance Association, Dallas, TX.

Shetty, S. and Shakur, A. (2009). Woefully imperfect market puzzle. Presented at the Eurasia Business and Economics Society Conference. Presented at Eurasia Business and Economics Society, Istanbul, Turkey.

Book Chapters

Shakur, A. and Sinatra, T. (2014). Smartphones in engineering and physics education. In W. Aung, T. Doyle, F. Sandnes and L. Zaitseva (Eds.), *Innovations 2014: World innovations in engineering education and research*. (pp. 63-67.) Potomac, MD: iNEER.