2015 Publications

[1] Julie Decesare, **Raid Amin**, and Donna Maxwell (2015). PostpartuContraception Rates in Centering Pregnancy Versus Traditional Obstetrical Care. *The Journal of Reproductive Medicine.*

[2] T Pinto, **R Amin**, J Burns, and M Kummer (2015). Impact of implementation of a multidisciplinary diabetes program on reducing poorly controlled diabetes. *Journal of Investigative Medicine,* 63 (2), 462-462.

[3] Erich Ritter and **Raid Amin** (2015). "A Study of Shark Stealth Behavior in the Proximity of Divers." *Open Journal of Animal Sciences*, 2015, (5).

[4] Brittney Williams, Sharon Seidel, **Raid Amin**, Blakele Bakker, Julie DCesare (2015). "Quantified Blood Loss: An Alternative Method in Correlating Change in Predelivery and Postdelivery Hematocrit." Obstetrics and Gynecology, vol. 125.

[5] **Raid Amin**, Nicole S. Nabors, Arlene M. Nelson, Murshid Saqlain, and Martin Kulldorff (2015). "Geographical Clusters of Rape in the United States: 2000-2012.". Journal of Statistics and Public Policy.

[6] James Burns, Naomi Flock, Mary Lopez, Lela Hobby, Amanda Lopez-Beyer, **Raid Amin** (2015). "A Blinded Comparison of Injection Pain with Quadrivalent HPV Vaccine." Journal of the Pediatric Infectious Diseases Society.

[7] Smith L, Mosley J, Lott S, Cyr E Jr, **Amin R,** Everton E, Islami A, Phan L, Komolafe O. Impact of pharmacy-led medication reconciliation on medication errors during transition in the hospital setting. Pharmacy Practice 2015 OctDec; 13(4):634. doi: 10.18549/PharmPract.2015.04.634

[8] Erich Ritter and **Raid Amin**. Mouth Cleaning of Lemon Sharks, Negaprion brevirostris, by Sharksuckers, Echeneis naucrates. Copeia (2015)

[9] Ghosh, D.K., Sreejith, V., Thannippara, A., and **Bagui, S.C**. (2015). A new method for construction of MV-optimal generalized group divisible designs with two groups, accepted for publication in *International Journal of Science and Research*.

[10] **Bagui, S.C.** and Mehra, K.L. (2015). On the convolution property of a heavy tailed stable distribution, *Journal of Statistics Applications and Probability Letters*, **2**(3), 173-182.

[11] Ghosh, D.K., Sreejith V., and **Bagui, S.C.** (2015). A new method of construction of E-optimal generalized group divisible designs with two groups, *International Journal of Statistics and Applications*, **5**(3), 120-123.

 [12] **R.Hemasinha** and J.R.Weaver. Ordered Vector Spaces. *Linear Algebra and its Applications ,* 468 (2015) 171-183.

[13] **J. Liu**, L. Wu, and X. Fang, Using Python to Solve the Navier-Stokes Equations-Applications in the Preconditioned Iterative Methods, volume 7, *Journal of Scientific research and report,* 2015, DOI : 10.9734/JSRR/2015/1734.

[14] L. Wu, S. Wei, **J. Liu** and Y. Li*,* Discovering Geometric and Topological Properties of Ellipsoids by Curvatures. *British Journal of Mathematics & Computer Science*, volume 8, 2015. DOI : 10.9734/BJMCS/2015/17178.

[15] L. Wu, **J. Liu**, and Y. *Li, Exploration of Calculus Teaching and Assessment through Artwork,* International Journal of Applied Research, 1 (8), 731-735, 2015.

[16] **Kuhl, J**. & Schroeder, M. Completing partial latin squares with blocks of non-empty cells. *Graphs and Combinatorics.* 32 (2015) 241-256.

[17] Cavenagh N. & **Kuhl J.** On the chromatic index of latin squares.. *Contributions to Discrete Mathematics.* 10 (2) (2015), 22-30.

[18] X. Feng, J. Lin, and **C. Lorton**. An efficient numerical method for acoustic wave scattering in random media. SIAM/ASA J. UQ, 3:790 – 822, 2015.

[19] M. Akbas*, L. Rebholz, and **F. Tone**, A note on the importance of mass conservation in long-time stability of Navier-Stokes simulations using finite elements, *Applied Mathematics Letters*, 2015, pp. 98-102.