

Publications from the School of Math and Sciences (July 2012-June 2013)

1. Nitrate can be reduced to nitrite in spinach and lettuce but not in cabbage during storage, **Jinming Huang, Samuel Pope, Nathan Probst, Joshuah Hathcox, Mackenzie Willis, and Trent Roberts**, submitted to the journal "Food Chemistry".
2. **Hunt, J. L. and T. L. Best.** *Submitted for review.* Relationship between petroleum development and decline in populations of lesser prairie-chickens (*Tympanuchus pallidicinctus*) in southeastern New Mexico. *The Southwestern Naturalist*.
3. **Kelley, J. B., J. L. Hunt, and M. B. Connior.** *Submitted for review.* Scarab beetles (Coleoptera: Scarabaeidae) associated with the dung of native Arkansas mammals. *Journal of the Arkansas Academy of Science*.
4. **Connior, M. B., D. C. Cagle, H. E. Peek, C. R. Ellington, and J. L. Hunt.** *In press.* Reproductive cycle of Baird's pocket gopher (*Geomys breviceps*) in northern Louisiana. *The Southwestern Naturalist*.
5. **Stewart, M. J., and J. L. Hunt.** 2013. Effects of *Drosophila* ribosomal protein S6 kinase on wing growth. *Journal of the Arkansas Academy of Science*, 66:141-149.
6. **Hunt, J. L.** *In press.* Evolutionary perspectives on pregnancy, by John C. Avise (review). *Choice*.
7. **Hunt, J. L.** 2013. Physiological adaptations for breeding in birds, by Tony D. Williams (review). *Choice*, 50:3268.
8. **Hunt, J. L.** 2012. Cells to civilization: the principles of change that shape life, by Enrico Coen (review). *Choice*, 50:2052.
9. **Hunt, J. L.** 2012. Forerunners of mammals: radiation, histology, biology, edited by Anusuya Chinsamy-Turan (review). *Choice*, 49:2090.
10. **Serna, Juan and Amitabh, Joshi;** 2012, Visualizing the logistic map with a microcontroller. *Phys. Educ.* **47** (2012) 736-740.
11. **Serna, Juan and Amitabh, Joshi;** 2012, Refractive index of a transparent liquid measured with a concave mirror. *Phys. Educ.* **47** (2012) 559-562.
12. **Pishipati, U., Almakrami, I., Serna, Juan and Amitabh, Joshi;** 2012 Cavity Quantum Electrodynamics of a two-level atom with modulated fields. *Am. J. Phys.* **80** (2012) 612-620.