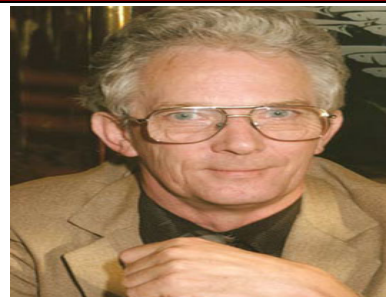


College of Veterinary Medicine

John Heath

**Associate
Professor**



Department of Pathobiology
Phone: 334-724-4643
Fax: 334-724-4110
E-mail: Jheath@mytu.tuskegee.edu

EDUCATION/TRAINING

Institution and Location	Degree	Graduation Year	Major
Utah State University	BS	2001	Psychology
Auburn University	MS	2006	Experimental Psychology
Auburn University	PhD	2008	Experimental Psychology (Behavioral Toxicology)

TEACHING

- Psychosocial determinants of Public Health
- Environmental Health Sciences
- Proposal Writing and Grant Management
- Applied Behavior Analysis
- Senior Seminar
- Psychological Statistics

RESEARCH INTERESTS

- Development of operant conditioning for testing the visual system in rodents.
- The effects of chronic exposure to inorganic and organic mercury, on the fertility rates of males and females during pubescent development.
- The cognitive effects on offspring of in-utero exposure to organic and inorganic mercury.
- Ameliorating effects of a Selenium enhanced diet on mercury toxicity.

RECENT PUBLICATIONS

- Williams, K. E., Washington M. C., Johnson-Rouse, T., Johnson, R. E. Freeman, C., Reed, C., **Heath, J. C.**, & Sayegh, A. (2015). Exogenous glucagon-like peptide-1 acts in sites supplied by the cranial mesenteric artery to reduce meal size and prolong the intermeal interval in rats, *Appetite* (in press)
- Oh, O., Lee, Y., **Heath, J. C.**, Kim, M. (2014). Applications of animal biosensors: A review. *IEEE Sensors* 15 (2), 637-645 DOI 10.1109/JSEN.2014.2358261
- Newland, M. C., Hoffman, D., **Heath, J. C.**, Donlin, W. D. (2013). Response inhibition is impaired by developmental methylmercury exposure: Acquisition of low-rate lever-pressing. *Behavioural Brain Research* 253, 196-205. <http://dx.doi.org/10.1016/j.bbr.2013.05.038>
- **Heath, J. C.**, Braden, T. D., Abdelmageed, Y., & Goyal H. O. (2012). The effects of chronic ingestion of mercuric chloride on fertility and testosterone levels in male Sprague Dawley rats *Journal of Biomedicine and Biotechnology*, Published online **2012** July 4. doi: 10.1155/2012/815186
- Robinson, V., Johnson, J.A., Davis, C. & **Heath, J.C.** (2011). Homeless shelters in Alabama: A study

of women's health services. *National Technology and Social Science Conference Proceedings*, 48, 208-218

- **Heath, J. C.**, Abdelmageed, Y., Braden, T. D., Williams, C. S., Williams, J. W., Paulose, T., Hernandez-Ochoa, I., Gupta, R., Flaws, J. A., Goyal H. O. (2011). Genetically Induced Estrogen Receptor a mRNA (Esr1) Overexpression Does Not Adversely Affect Fertility or Penile Development in Male Mice. *Journal of Andrology*, 32 (3) 282-294
- **Heath, J. C.**, Banner, K. M., Reed, M. N., Pesek, E. F., Cole, N., Li, J., Newland, M. C. (2010). Dietary selenium protects against selected signs of aging and Methylmercury exposure. *Neurotoxicology*, 31 (2) 169 -179
- **Heath, J. C.**, Abdelmajeed, Y., Braden, T. D., Nichols., A. C., Steffy, D. A. (2009). The effects of chronic mercuric chloride ingestion in female Sprague Dawley rats on fertility and reproduction. *Food and Chemical Toxicology*, 47(7) 1600-1605
- Ascione, F. R., Weber, C. V., Thompson, T., **Heath, J. C.**, Maruyama, M., and Hayashi, K. (2007). Battered pets and domestic violence: Animal abuse reported by women experiencing intimate violence and by non-abused women. *Violence against Women*. 13(4), 354-373

SERVICE ACTIVITIES

- Tuskegee University Animal Care and Use Committee
- HBGI Title III Coordinator
- Psychology Graduate Degree Program Development Committee, College of Arts and Sciences, Tuskegee University
- Interdisciplinary Pathobiology PhD Development Committee, College of Veterinary medicine, Nursing and Allied Health, Tuskegee University
- Admissions Committee Graduate Public Health Program (GPHP) at Tuskegee University