

Jordan M. Clark

CITIZENSHIP

United States of America

ADDRESS

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EXPERIENCE

- Sam Houston State University, Instructor and Coordinator of Anatomy and Physiology, 2015-Present
- Blinn College, Anatomy and Physiology Instructor, 2014-2015
- Lincoln Memorial University, Assistant Professor of Anatomy and Physiology, 2012-2014.
- Lone Star College, CyFair, Adjunct Instructor of Biology, 2011.
- University of Texas Health at Houston, Post Doctoral Researcher, 2009-2012.
Primary Investigator: Pramod Dash, Ph.D.
Project: Learning and Memory Deficits in Brain Injury Models.

EDUCATION

- University of Kentucky, Doctor of Philosophy, Anatomy and Neurobiology 2007-2009.
Mentor: Jim Geddes, Ph.D.
Project: Role of Cyclophilin D in Spinal Cord and Brain Injury.
- University of Kentucky, Masters of Science, Medical Sciences, 2003-2005.
Mentor: Subbu Apparsundaram, Ph.D.
Project: Muscarinic Regulation of the Choline Transporter in the Striatum.
- The Florida State University, Bachelors of Science with honors, Psychology, 1999-2002.
- United States Army, Airborne Infantry, 1993-1997.

RESEARCH

Sam Houston State University *2015-Present* *Huntsville, TX*

- Using a cross functional and interdisciplinary approach to develop an interactive video game that teaches the scientific process.
- Student use of Twine software to create nonlinear text based anatomy and physiology games.

Lincoln Memorial University *2012-2014* *Harrogate, TN*

- Examining the effectiveness of class series group presentations in a hybrid inquiry-based learning format for biology students.
- Improving methods of the traditional journal club format for undergraduate students. IRB approved protocol 313.
- Undergraduate student research projects examining potential protective effects of *Agave tequilana* extract in an *in vitro* neuronal and glial cell model.

- Investigating learning and memory deficits following traumatic brain injury in an animal model.

HONORS AND AWARDS

- Sam Houston State University ERG: “On the STEM Fringe: Videogames and At-Risk Students.” 2015-2016.
- Lincoln Memorial University mini grant: “Neural protective effects of *Agave tequilana* derived extracts.” 2013-2014.
- Lincoln Memorial University Faculty Professional Development Funds. 2013.
- Outstanding Teaching Methods. ACUBE 2013.

PUBLICATIONS

Clark JM, Rollins, A, Smith P. New Methods for an Interactive Undergraduate Research Club. Bioscene. 2014 May.

Dash PK, Johnson D, **Clark JM**, Orsi SA, Zhang M, Zhao J, Grill RJ, Moore AN, Pati S. Involvement of the glycogen synthase kinase-3 signaling pathway in TBI pathology and neurocognitive outcome. PloS One. 2011 June.

Dimayuga FO, Wang C, **Clark JM**, Dimayuga ER, Dimayuga VM, Bruce-Keller AJ. SOD1 over expression alters ROS production and reduces neurotoxic inflammatory signaling in microglial cells. J Neuroimmunol. 2007 Jan;182(1-2):89-99.

ABSTRACTS

- **Clark JM**, Rollins A, Smith P. New Methods for an Interactive Undergraduate Research Club. 2013 ACUBE, Indianapolis, IN.
- **Clark JM**, Naga KK, Geddes JM. The role of Cyclophlin D in Acute CNS Injury. 2010 Mission Connect, Houston, TX.

PROFESSIONAL ACTIVITIES

- Science Teachers Association of Texas. 2015-current.
- The Association of College and Biology Educators. 2013-2014.
- National Neurotrauma Society. 2008.
- Society for Neuroscience, member. 2003-2009.
- Society for Neuroscience Bluegrass Chapter, member. 2003-2009.

SERVICE

- Institutional Review Board Member. Lincoln Memorial University, Harrogate, TN. Fall 2013-May 2014.
- STEM Initiative Committee. Lincoln Memorial University, Harrogate, TN. Fall 2013.
- Faculty Senate Member. Lincoln Memorial University, Harrogate, TN. Spring 2013.

VOLUNTEER EXPERIENCE

- Scholarship committee member for STAT. 2016
- Steering Committee Member: The Association of College and Biology Educators. 2013-current.

- Undergraduate Science Journal Club founder and instructor. Lincoln Memorial University, Harrogate, TN. 2012-current.
- Lincoln Memorial University new student recruitment, Lincoln Memorial University Harrogate, TN. 2012-current.