

Curriculum Vitae

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Assistant Professor of Physiology, Dept. of Basic Sciences
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Date

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Contact Information

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Education

1992 University of California, Riverside, B.S. Biology
1993 Boston University, M.S. (not completed), Biomedical Engineering / Education
Area of Research: Visual motion analysis. Advised by Lucia Vaina, M.D., Ph.D.
2001 New Mexico State University, Ph.D. Biology
Areas of Research: Cardiovascular, renal, and developmental physiology. Dissertation:
Cardiovascular physiology of amphibians: roles of the peptide hormone angiotensin II.
Advised by Steve Warburton, Ph.D.

Postgraduate Training and Education

2000-2001 Postdoctoral Fellow, University of Arizona Health Sciences Center, Tucson, AZ
Area of Research: Cardiovascular physiology. Advised by Jay Hoying, Ph.D.

Employment History

Academic Appointments

2002-2004 Assistant Professor of Physiology, Medical University of the Americas, Belize
2004-2005 Visiting Professor of Biology, University of Tulsa, Tulsa, OK
2005-2006 Assistant Professor of Physiology, International American University College of
Medicine, Vieux Fort, St. Lucia
2006-2008 Dean of Admissions, International American University College of Medicine, Dallas, TX
2008-2011 Professor of Biology, Anatomy & Physiology, Collin College, McKinney, TX
(Adjunct from 2006 – 2008, 2011 – 2012)
2012-2014 Dean of Academic Affairs, International American University College of Medicine,
Dallas, TX
2009-present Adjunct Professor of Physiology, Texas A&M University, Commerce, TX

2014-present Assistant Professor of Physiology, A.T. Still University School of Osteopathic Medicine
Arizona, Mesa, AZ

Other Employment

2001-2002 Imaging Specialist, Tech Support, Bio-Rad Laboratories, Hercules, CA
2005 MCAT Instructor, Kaplan, Inc., Irvine, CA
2015-present Editorial Board, Physiology
Firecracker, Boston, MA

Professional Society Membership

1996-present American Physiological Society

Teaching Service

Undergraduate Student Teaching

1994-2000 *New Mexico State University*
Human Physiology (Biol 254)
Human Anatomy, Human Physiology, Histology, Experimental Physiology, Biological
Instrumentation

2005-2006 *University of Tulsa*
Comparative Animal Physiology (Biol 3234/6234)
Human Anatomy and Physiology plus Laboratory (Biol 1023)
Vertebrate Physiology (Biol 3224/6224)

2006-2013 *Collin College*
Anatomy and Physiology Lecture and Laboratory (Biol 2401/2402)
Biology for Majors and Non-Majors (Biol 1406/08)

2009-present *Texas A&M University – Commerce*
Animal Physiology (BSC 497) (Online)
Cardiovascular Physiology (BSC 497) (Online)
Case Studies in Endocrinology (BSC 497) (Online)
Case Studies for Microbiology (BSC 497) (Online)
Human Physiology (BSC 497) (Online)
Reproductive Physiology (BSC 421) (Online)
Respiratory Physiology (BSC 489) (Online)

Graduate Student (M.S./M.A./Ph.D) Teaching

2009-present *Texas A&M University - Commerce*
Advanced Neuroscience (BSC 525) (Online)
Animal Physiology (BSC 597) (Online)
Cardiovascular Physiology (BSC 597) (Online)
Case Studies in Endocrinology (BSC 528/597) (Online)
Case Studies for Microbiology (BSC 597) (Online)
Comparative Animal Physiology (BSC 597)
Human Physiology (BSC 527/597) (Online)
Reproductive Physiology (BSC 597) (Online)
Respiratory Physiology (BSC 529/597/538) (Online)

Medical Student (M.D./D.O.) Teaching

2002-2004 *Medical University of the Americas*
Course Director, Medical Physiology

2005-2006 *International American University College of Medicine*
Course Director, Medical Physiology

2014-present *A.T. Still University School of Osteopathic Medicine Arizona*
Course Director: Cardiopulmonary II (CP II), Renal and Endocrine I (REM I), Renal and Endocrine II (REM II) and Gastrointestinal (GI)
Large Group Presenter (OMS I): FOH, NMSK A/B, CP I/II, REM I/II, GI
Videocast Presenter (OMS II): GU1, GU2, Senses, Dermatology

Honors and Awards

1999 First Place, Graduate Student Presentation, Annual Research Symposium, Department of Biology, New Mexico State University

2006 Arts and Sciences Professor of the Year, Bestowed by Sigma Chi Fraternity, University of Tulsa

2014 Nominee, Professor of the Year, A.T. Still University School of Osteopathic Medicine AZ

Administrative Service / Institutional Service

2009-2010 Faculty Advisor, College Libertarians, Collin College

2008-2011 Faculty Advisor, Biology Club, Collin College

2014-2015 Member, Curriculum Committee, A.T. Still University SOMA

2014-2015 Member, Student Performance Committee, A.T. Still University SOMA

2014-present Interviewer, Admissions Committee, A.T. Still University SOMA

2015-present Member, Curriculum Quality Improvement Committee, A.T. Still University SOMA

2015-present Member, COCA Standard 6 Accreditation Committee, A.T. Still University SOMA

2015-present Member, Year 1 and 2 Curriculum Subcommittee, A.T. Still University SOMA

2015-present Course Director, OMS I Second Semester Courses, A.T. Still University SOMA

2016 Member, Technology Committee, A.T. Still University SOMA

National and International Physiological Service and Scholarly Activity

- 2008-2013 Book and content reviewer, Pearson Benjamin-Cummings
Various Anatomy and Physiology Texts
- 2009-present Book reviewer, Sinauer and Associates
Recently reviewed Fourth edition (2016) of *Animal Physiology* by Hill et al.
- 2015-present Physiology Editor, Firecracker

Grant Support / Completed Grants

- 1996-1999 National Science Foundation (NSF) Dissertation Improvement Grant
- 2001-2002 National Institutes of Health (NIH) Postdoctoral Fellowship

Publications / Peer-reviewed journal articles

1. Burggren, W.W., S.J. Warburton, and **M.D. Slivkoff**. Interruption of cardiac output does not affect short-term growth and metabolic rate in day 3 and day 4 chick embryos. *Journal of Experimental Biology*. 2000 December; 203(24):3831-3838.
2. **Slivkoff, M.D.** and S.J. Warburton. Angiotensin II alters blood flow distribution in amphibians. *Physiological and Biochemical Zoology*. 2001 July/August; 74(4): 576-583.
3. **Slivkoff, M.D.** and S.J. Warburton. Cardiovascular effects of angiotensin II in toads revisited: Role of sympathetic nervous system and disparity between responses to bullfrog [val5] and human [ile5] analogs. *General and Comparative Endocrinology*. 2003 June; 132(1):125-132.

Preferred Communications

National

1. Warburton, S.J., **M.D. Slivkoff** and W.W. Burggren. Cardiac output is not required for oxygen uptake in early chick embryos. *Experimental Biology*, Washington, D.C., Poster, 1996.
2. **Slivkoff, M.D.** and S.J. Warburton. Heart rate responses of vertebrate embryos and hatchlings to hypoxia and hypercapnia. *Experimental Biology*, Washington, D.C., Poster, 1996.
3. **Slivkoff, M.D.** and S.J. Warburton. Effects of ANG II on regional blood flows in anurans. *Experimental Biology*, San Diego, CA, Poster, 2000.