

CURRICULUM VITAE

STEPHEN W LUCKEY, PHD

REGIS UNIVERSITY SCHOOL OF PHARMACY, RUECKERT-HARTMAN COLLEGE FOR HEALTH PROFESSIONS
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EMPLOYMENT

- 6/2011-present** ASSISTANT DEAN FOR STUDENT AFFAIRS, School of Pharmacy, Rueckert-Hartman College of Health Professions (RHCHP), Regis University, Denver, Colorado
7/2008-present ASSISTANT PROFESSOR (FOUNDING FACULTY), Pharmaceutical Sciences Department, School of Pharmacy, RHCHP, Regis University, Denver, Colorado

EDUCATION/TRAINING

- 2002-2008** POSTDOCTORAL RESEARCH, Molecular, Cellular, and Developmental Biology (MCDB) Department, University of Colorado, Boulder, Colorado.
2001 DOCTOR OF PHILOSOPHY in Molecular Toxicology Program, University of Colorado Health Sciences Center (UCHSC), Denver, Colorado.
1994 BACHELOR OF ARTS, Major: Chemistry, Minor: Biology, University of Dayton, Dayton, Ohio

TEACHING EXPERIENCE

- 2008-present** ASSISTANT PROFESSOR, Pharmaceutical Sciences Department, School of Pharmacy, RHCHP, Regis University, Denver, Colorado
COURSES DIRECTED
 2012-2013 – Pharmacogenomics
 2011-2012 – Integrated Pharmacotherapy (IP) 1 (co-directed)
 2010-2011 – IP 1 and IP 3 (co-directed)
 2009-2010 – IP 1 and IP 4
AREAS OF TEACHING
 Physiology, Genetics, Pathophysiology, Pharmacogenomics, Biochemistry, Immunology, and Molecular Biology
- 2001-2011** INSTRUCTOR, *Human Physiology*; UCHSC School of Pharmacy Summer Enrichment Program
2007-2008 INSTRUCTOR, *Special Topics: The Python Project*; University of Colorado, Boulder, MCDB Department – A research-based laboratory course in which students conduct independent and novel research using molecular biology and genetic techniques designed to elucidate the molecular mechanisms of cardiac growth in the python.
2006 INSTRUCTOR, *Introduction to Cell and Molecular Biology*; University of Colorado, Boulder, MCDB Department
2006 INSTRUCTOR, *Introductory Human Anatomy and Physiology Section II*; Regis University, Denver, Colorado, Biology Department/RHCHP
2001 GUEST LECTURER, *Introductory Biology*; Front Range Community College, Boulder, Colorado.
1995-1996 TEACHING ASSISTANT, *Pharmacology, Medicinal Chemistry, and Cellular Pathology*; UCHSC School of Pharmacy, Denver, Colorado
1994 LABORATORY TEACHING ASSISTANT, *Experimental Physical Chemistry*; University of Dayton, Dayton, Ohio

TEACHING AWARDS

- 2010-2011** Teacher of the Year Award, Regis University School of Pharmacy
2009-2010 Teacher of the Year Award, Regis University School of Pharmacy

TEACHING-RELATED SCHOLARSHIP

PEER REVIEWED MANUSCRIPTS (SUBMITTED OR IN PREPARATION)

- Nelson MH, Allison SD, LUCKEY SW, Clark DR, McCollum M, Paulsen SM, Malhotra J, Brunner LJ. The Regis Model for Pharmacy Education: A Highly Integrated Curriculum Delivered by Team-Based Learning™ (TBL). Submitted to *Currents in Pharmacy Teaching and Learning*.
- Harvey P, Wall C, Langer, S, LUCKEY SW. The Python Project: A Model for Extending Research Opportunities to Undergraduate Students. In preparation for *Biochemistry and Molecular Biology Education*.
- McCollum M, Martell C, Lalama J, Buffet L, LUCKEY SW. PCAT Scores Are Predictive of Student Performance in an Integrated Team-Based Learning™ Curriculum. In preparation for *American Journal of Pharmaceutical Education*.
- AL Suit, LE Burt, LUCKEY SW, Sucher A, Roysdan DE, Houser J. Prevalence of Relational Aggression in a College of Health Profession Students. In preparation for *Health Education Journal*.

PEER REVIEWED CONFERENCE ABSTRACTS

- LUCKEY SW, Clapp P, Allison SD, Sheridan L, Fete M, Nelson MH. An Integrated Biomedical and Pharmaceutical Science Course Delivered by Team-Based Learning to First-Year Pharmacy Students. *Association of American Colleges of Pharmacy (AACP) Annual Meeting, Kissimmee, Florida, 2012*.
- McCollum M, Martell C, Lalama J, Buffet L, LUCKEY SW. PCAT Scores Are Predictive of Student Performance in an Integrated Team-Based Learning™ Curriculum. *AACP Annual Meeting, Kissimmee, Florida, 2012*.
- Ricchetti C, Brunner JM, Fete M, LUCKEY SW, Nelson. Student Perceptions on the Value of Timing Readiness Assurance Tests. *TBL Collaborative Meeting, St. Petersburg, FL 2012*.
- Clapp P, LUCKEY SW. Team-based Learning Approach to Integrating Biochemistry in a Pharmacy Core Curriculum. *Association of Biochemistry Course Directors Meeting, Myrtle Beach, SC 2011*.
- Calderon B, LUCKEY SW, Allison D, Luckey SW, Clark DR. Integration of Basic and Clinical Sciences: A Model for Leveraging Pharmacy Curricular Content. *AACP Annual Meeting, San Antonio, Texas 2011*.
- LUCKEY SW, Paulsen SM, Nelson MH, Borges NJ, and McCollum M. Assessment of Peer Evaluation Effectiveness in a School of Pharmacy. *TBL Collaborative Meeting, New Orleans 2010*.
- LUCKEY SW, Nelson MH, Sucher A, Clark D, Allison SD, McCollum M, and Paulsen SM. Supporting Active Learning in Teams: Using Team-Based Learning (TBL) to Deliver an Integrated Pharmacy Curriculum. *AACP Annual Meeting, Seattle, Washington 2010*.

PEER REVIEWED ROUNDTABLE DISCUSSIONS

- LUCKEY SW. Academic Advising: Faculty and Student Perceptions. *AACP Annual Meeting, Kissimmee, Florida, 2012*.
- LUCKEY SW. Implementing Team-Based Learning for Biological Science Content Delivery in an Integrated Curriculum. *AACP Annual Meeting, Seattle, Washington 2010*.

STUDENT ACADEMIC ADVISING

REGIS UNIVERSITY SCHOOL OF PHARMACY

- Class of 2013** Jeff Baca, Paige Boumeester, Paul Kang, Kelly Bahr, Matt White, Kristin Heath, Kendra Turner-Jones, Jayce Wright
- Class of 2014** Becky Doe, Tiffany Hoang

FACULTY SERVICE

Regis University**SCHOOL OF PHARMACY**

- 2011-present** Executive Committee, member
- 2011-present** Portfolio Task Force, member
- 2011-present** Student Affairs Committee, member (*ex officio*)
- 2011-2012** ACPE Organization and Administration Accreditation Standards Committee, Chair
- 2011-2012** ACPE Student Accreditation Standards Committee, member
- 2010-2011** Student Affairs Committee, Chair

- 2010-2011** Team-Based Learning Task Force, member
2009-2010 Faculty Bylaw Task Force, member
2009-2010 Awards and Scholarship Subcommittee (subcommittee of Student Affairs Committee), Chair
2008-2010 Assessment Committee, member
2008-2010 Curriculum Committee, member
2008-2010 Student Affairs Committee, member

RUECKERT-HARTMAN COLLEGE FOR HEALTH PROFESSIONS

- 2008-2012** Service Learning Committee, member
2011-current Chairs & Directors Council, member

REGIS UNIVERSITY

- 2011-current** Bookstore Advisory Committee, member
2008-2012 IACUC Committee, member

SERVICE LEARNING

- 2010-present** Pharmacy Day at Regis for students in Denver Public Schools
2011 Mountains to Mountains: An Intercultural Immersion to the Central Appalachian Region
2009-2010 Boys & Girls Club of Denver

RESEARCH EXPERIENCE

- 2008-current** *Assistant Professor:* Pharmaceutical Sciences Department, Regis University, Denver, Colorado. Current Project: *Cyclin D2 is a Critical Mediator of Exercise-Induced Cardiac Hypertrophy*. In collaboration with the laboratory of Leslie A. Leinwand.
2002-2008 *Postdoctoral Research:* MCDB Department, University of Colorado, Boulder, Colorado. Signaling Pathways in Pathologic and Physiologic Cardiac Hypertrophy. Advisor: Leslie A. Leinwand
1995-2001 *Doctoral Research:* Molecular Toxicology Program, UCHSC, Denver, Colorado. The Role of Kupffer Cells in Chemically-Induced Liver Damage. Advisor: Dennis Petersen
1992 *Undergraduate Research:* University of Dayton, Dayton, Ohio. Formulation of New DNA Binding Tryptophan-Linked Netropsin Analogues. Advisor: Kevin Church

RESEARCH FUNDING

- 2003-2006** Individual Postdoctoral Award (NHLBI, F32 HL072565) Signaling Pathways in Cardiac Hypertrophy.
1998-2001 Individual Pre-doctoral Award (NIH/NIAAA, F31 AA05536) Role of Kupffer Cells in Ethanol-Induced Liver Injury.

RESEARCH-RELATED SCHOLARSHIP

PEER REVIEWED MANUSCRIPTS

* Undergraduate student

- LUCKEY SW, Walker LA, Smyth T*, Mansoori J*, Messmer-Kratzsch A, Rosenzweig A, Olson EN, Leinwand LA. The Role of Akt/GSK3 β Signaling in Familial Hypertrophic Cardiomyopathy. *J Mol Cell Cardiol* 46 (5):739-47, 2009.
 Watson PA, Reusch JE, McCune SA, Leinwand LA, LUCKEY SW, Konhilas JP, Brown DA, Chicco AJ, Sparagna GC, Long CS, Moore RL. Restoration of CREB Function is Linked to Completion and Stabilization of Adaptive Cardiac Hypertrophy in Response to Exercise. *Am J Physiol* 293:H246-59, 2007.
LUCKEY SW, Mansoori J*, Fair K*, Antos CL, Olson EN, and Leinwand LA. Blocking Cardiac Growth in Hypertrophic Cardiomyopathy Induces Cardiac Dysfunction and Decreased Survival Only in Males. *Am J Physiol* 292: H838-45, 2007.
 Konhilas JP, Watson PA, Maass A, Boucek DA*, Horn T*, Stauffer BL, LUCKEY SW, Rosenberg P, and Leinwand LA. Exercise Can Prevent and Reverse the Severity of Hypertrophic Cardiomyopathy. *Circ Res* 98, 540-548, 2006.
 Mariner P, LUCKEY SW, Long C, Sucharov C, and Leinwand L. Yin Yang 1 Represses α -Myosin Heavy Chain Gene Expression in Pathologic Cardiac Hypertrophy. *Biochem Biophys Res Comm* 326, 79-86, 2005.

- Konhilas JP, Maass A, LUCKEY SW, Stauffer BL, Olson EN, and Leinwand LA. Sex Modifies Exercise and Cardiac Adaptation in the Mouse. *Am J Physiol Heart Circ Physiol*, 287, H2768-76, 2004.
- LUCKEY SW, Taylor M, Sampey BP, Scheinman RI, and Petersen DR. 4-Hydroxynonenal Decreases IL-6 Expression and Protein Production in Primary Rat Kupffer Cells by Inhibiting NF- κ B Activation. *JPET* 302, 296-303, 2002.
- LUCKEY SW and Petersen DR. Activation of Kupffer Cells During the Course of Carbon Tetrachloride-Induced Liver Injury and Fibrosis in Rats. *Exp Mol Pathol* 71, 226-240, 2001.
- LUCKEY SW and Petersen DR. Metabolism of 4-Hydroxynonenal in Rat Kupffer Cells. *Arch. Biochem. Biophys.* 389, 77-83, 2001.
- Tjalkens RB, LUCKEY SW, Kroll DJ, and Petersen DR. α,β -Unsaturated Aldehydes Increase Glutathione-S-Transferase mRNA and Protein: Correlation with Activation of Antioxidant Response Element. *Arch. Biochem. Biophys.* 359(1): 42-50, 1998.
- Church K, Moore TA, LUCKEY S, Schaeper M, Chase K. Synthesis and DNA Binding Properties of Tryptophan-Linked Monocationic Netropsin Analogues. *Bioorg. Med. Chem. Lett.* 3 (12), 2623-2626, 1993.

PEER REVIEWED MANUSCRIPTS (SUBMITTED OR IN PREPARATION)

- LUCKEY SW, Haines C, Konhilas J, Luczak E, and Leinwand LA. Cyclin D2 is a Critical Mediator of Exercise-Induced Cardiac Hypertrophy. *In Preparation*

PEER REVIEWED CONFERENCE ABSTRACTS (SINCE 2008)

- LUCKEY SW, Haines C, Konhilas J, Luczak E, and Leinwand LA. Cyclin D2 is a Critical Mediator of Exercise-Induced Cardiac Hypertrophy. *American Heart Association (AHA) – Basic Cardiovascular Sciences 2012 Scientific Sessions Meeting, New Orleans, Louisiana, 2012.*
- LUCKEY SW, Haines C, Leinwand LA. Inhibition of Pathological Signaling Pathways Does Not Detrimentally Impact Exercise Capacity or Physiological Cardiac Growth. *AACP Annual Meeting, Kissimmee, Florida, 2012.*
- Chung E, LUCKEY SW, Leinwand LA. Signaling pathways Differ in Pregnancy and Exercise-Induced Cardiac Hypertrophy. *Experimental Biology Meeting, Washington DC, 2011.*

PEER REVIEWED BOOK CHAPTERS

- LUCKEY SW, Tjalkens RB, and Petersen DR. Mechanism of Inhibition of Rat Liver Class 2 ALDH by 4-Hydroxynonenal. *Advances in Experimental Medicine & Biology.* 463:71-7, 1999.
- Tjalkens R, LUCKEY SW, Kroll DJ, and Petersen DR. α,β -Unsaturated Aldehydes Mediate Inducible Expression of Glutathione-S-Transferase in Hepatoma Cells Through Activation of the Antioxidant Response Element. *Advances in Experimental Medicine and Biology.* Vol 463: 123-132, 1999.

INVITED RESEARCH PRESENTATIONS

- 2004** "The Role of Glycogen Synthase Kinase 3 β in Cardiac Hypertrophy." Cardiology Research Conference, UCHSC.
- 2001** "Molecular and Biochemical Aspects of Kupffer Cell Activity During Chemically-Mediated Lipid Peroxidation." Department of Clinical & Experimental Pharmacology, Adelaide University, Australia.
- 2000** "4-Hydroxynonenal Effects on Rat Kupffer Cells and Inhibition of Interleukin-6 Production." *Mountain West Society of Toxicology Annual Meeting, Snowbird, Utah.*

RESEARCH AWARDS

- 2005** New Investigator Travel Award, 2nd Annual Symposium of the AHA Council on Basic Cardiovascular Sciences: Stress Signals, Molecular Targets, and the Genome. Keystone, CO, 2005.
- 2004** New Investigator Travel Award, 1st Annual Symposium of the AHA Council on Basic Cardiovascular Sciences: Stress Signals, Molecular Targets, and the Genome. Stevinson, WA, 2004.
- 2003** New Investigator Travel Award, Molecular Mechanisms of Growth, Death, and Regeneration in the Myocardium: Basic Biology and Insights into Ischemic Heart Disease and Heart Failure. Snowbird, Utah, 2003.
- 2001** Travel Grant, Society of Toxicology, 40th Annual Meeting
- 2000** 1st Place Research Award, Annual Student Research Poster Forum, UCHSC.

- 1999** 1st Place Research Award, Graduate Student Oral Presentation, UCHSC Annual Department of Pharmaceutical Sciences Retreat.
- 1999** 1st Place Research Award, Annual Student Research Poster Forum, UCHSC.
- 1996-1997** Colorado Predoctoral Fellowship Merit Award
- 1995-1998** UCHSC Departmental Fellowship in Toxicology

RESEARCH MENTORING/ADVISING

POSTDOCTORAL RESEARCHERS – CURRENT STATUS

- 2005-2008** Eunhee Chung, University of Colorado, Boulder – Postdoctoral Researcher
- 2005-2008** Cecilia Riquelme, University of Colorado, Boulder – Faculty, University of Santiago, Chile

PHD STUDENTS – CURRENT STATUS

- 2003-2007** Elizabeth Luczak, University of Colorado, Boulder – Postdoctoral Researcher
- 2005-2008** Chris Haines, University of Colorado, Boulder – PhD Student

UNDERGRADUATE STUDENTS – CURRENT STATUS

- 2003-2007** Jason Mansoori, University of Colorado, Boulder – Physician
- 2005-2006** Lindsey Blair, University of Colorado, Boulder – Pharmacist
- 2006** Kelly Fair, University of Colorado, Boulder – Physician
- 2006-2007** Tyson Smyth, University of Colorado, Boulder – PhD student
- 2008** Amy Nelson, University of Colorado, Boulder – Medical Student Applicant

PROFESSIONAL ORGANIZATIONS

- AACP, Professional Member (#78048)
- AHA, Professional Member (#000120062157)
- Society of Toxicology (expired)