KEVIN LORD, PH.D., MHS, RRT

Assistant Dean of Student Affairs School of Allied Health Professions
Associate Professor of Cardiopulmonary Science
Associate Professor Pharmacology and Experimental Therapeutics
LSU Health Science Center
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EDUCATION AND TRAINING

LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER **NEW ORLEANS, LA**
Doctor of Philosophy, Pharmacology & Experimental Therapeutics

LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER **NEW ORLEANS, LA**
Master of Health Sciences

LOUISIANA STATE UNIVERSITY MEDICAL CENTER
Bachelor of Science, Cardiopulmonary Science **NEW ORLEANS, LA**

PROFESSIONAL EXPERIENCE/EMPLOYMENT HISTORY

NEW ORLEANS, LA

LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER NEW ORLEANS

Assistant Dean of Student Affairs 5/1/24 to Present
Associate Professor of Pharmacology and Experimental Therapeutics 4/1/24 to Present
Associate Professor of Cardiopulmonary Science 2/1/24 to Present

HOUSTON, TX

SAM HOUSTON STATE UNIVERSITY COLLEGE OF OSTEOPATHIC MEDICINE *(10/2019 TO 2/1/2024)*

Positions held at Sam Houston State University College of Osteopathic Medicine are listed from most recent.

Associate Dean for Research, Innovation, and Community Engagement 5/23 -2/1/24
Associate Dean for Biomedical Sciences and Director of Research with Tenure 4/21 - 5/23
Director of Research/Associate Professor of Pharmacology 10/19 - 4/21

- Developed *"Colleagues and Collaborations;"* a program designed for informal presentations of research ideas in need of multidiscipline collaborators for physician scientists. This program has resulted in collaborations of clinical trials and the submission of multiple NIH and FDA grants (results pending).
- Collaborated/initiated the "New Caney" think tank. This project is a collaboration with a local developer and regional hospitals to create a campus of scientific exploration. The model provides clinical space, laboratory space, and collaborative meeting space to allow for increased coordination between commercial and research entities including venture capital backed start-ups, multi-national conglomerates, and leaders in healthcare to develop a venture studio with the goal of disrupting healthcare.

- Developed partnerships with local physician groups to support the build-out of research laboratory infrastructure to improve healthcare in the rural and underserved areas of east Texas.
- Designed the build out and implementation of a new anatomy surgical suite to serve the growing local and regional community needs. The suite has elevated the reputation and visibility of the region by providing a training facility for our healthcare partners. This has resulted in partnerships with multiple health districts and regional hospitals to provide training for EMS and surgical personnel.
- Implemented the first Medical Scholars Summer Program to support first year medical students summer research experience. This program provides summer-time support for experienced medical school faculty engaged in research and provides opportunities for students to gain research experience. This project has grown from 12 awards to 28 awards in three years with 2 international clinical experiences and 2 extramural grants with student inclusion.
- Developed an innovative research and evidenced-based medicine curriculum integrated across basic science and clinical courses that identifies gap in medical care in rural and underserved areas.
- Developed point of care ultrasound curriculum for medical students and residents. The impact of this new program will not be able to be measured for several years because it is a long-term investment.
- Designed a curricular overhaul to pre-clerkship years to align content and scope with the appropriate time required for the course material. The result was a 97% and 99% COMLEX 1 pass rate in the 2 ensuing years.
- Developed a novel method to blueprint and map the scope of the curriculum. Currently being used to identify low performance areas in our curriculum.

SAN ANTONIO, TX

CARDINAL HEALTH *(10/2018 TO 10/2019)*

Senior Researcher for Real World Evidence & Commercialization

- Served as a lead oncology & rheumatology researcher focused on the design and development of multiple sites, simultaneous studies seeking to evaluate health economics and clinical outcomes of targeted hormonal and chemotherapeutic pharmaceutical agents.
- Maintain close relationships with medical experts/key opinion leaders, including physicians within life sciences partnership companies and community physicians, to seek insights and influence project outcomes.
- Provide medical/scientific support throughout lifecycle while managing clinical operations and analytics team for each project; create objectives, oversee budget, implement protocols, and evaluate data.
- Determine most appropriate utilization of medical & pharmacy claims, laboratory and genomic data, electronic medical records, and chart abstraction data in close collaboration with medical and scientific teams.

SAN ANTONIO, TX

UNIVERSITY OF THE INCARNATE WORD (*2008-2018*)

Positions held at The University of the Incarnate Word College of Osteopathic Medicine are listed from most recent.

SCHOOL OF OSTEOPATHIC MEDICINE (1/**2016-10/2018)**
Associate Dean of Clinical & Applied Science Education 5/2017- 10/2018
Chair of the Biomedical Sciences 1/2016 - 5/2017

- Obtained $400K over three years in extramural funding to support student community engagement with a multi-disciplinary team including epidemiologists and physicians to implement a new curricular component addressing medical needs of local underserved residents on the south-side of San Antonio.
- Coordinated design and utilization of anatomy & research facilities, building relationships with community partners and local, regional, and national companies to monetize space and ensure sustainable growth for future program development.
- Leveraged strategic community partnerships to expand research efforts & funding for clinical trials, translational/applied biomedical science, and population health after assessing and identifying need within the community, secured funding from private funders and from city.
- Implemented the expansion of a histopathology core facility for clinical and research needs. Collaborated with the Department of Defense to develop a state-of-the art facility Funded by the city of San Antonio $80,000.00 to provide local population with healthier food options after collaborating with community leaders and local grocery stores to deploy "Corner Store Project." Grant equipped corner stores/gas stations with fresh produce, worked with Metro Health to implement program.
- Increased access to primary medical services for the homeless and underserved community by co-creating Mobile Osteopathic Medicine Initiative (MOMI) with colleagues.
- Developed the business plan for the Master of Public Health program. This included the strategy for accreditation, faculty resourcing, and justification of the cost per credit hour.

SAN ANTONIO, TX

FEIK SCHOOL OF PHARMACY **(2008–2016)**

Assistant Dean of Student Affairs	5/2011 - 2016
Associate Professor with Tenure	5/2010 - 2018
Assistant Professor, Department of Pharmaceutical Sciences	6/2008 – 2018

- Mentored medical and pharmacy students within diverse research areas such as "Association Between Antiplatelet Medication Resistance," "Pharmacist's Impact on Adherence to Part D Stars-Focused Diabetic Medications in a Medicare Advantage Population," and "Cardiovascular and pulmonary structural and functional changes associated with Caveolin-1 deficient mice."
- Augmented university applications 10% by collaborating with local partners to deploy strategic brand awareness initiatives involving selective marketing and student engagement; collaborated with HEB pharmacies and obtained sponsorship with Kraft foods to provide monthly public healthcare screenings.
- Co-established international exchange program in regulatory affairs with Prati-Donaduzzi, the largest pharmaceutical manufacturer in Brazil. Secured $150K+ in funding for three years leading to commercialization of the largest over the counter skin products.

SAN ANTONIO, TX

UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER (*2009-2016)*

Adjunct Professor, Department of Pharmacology
Adjunct Professor, Department of Physical Therapy

- Designed and coordinated in vivo experiments using high fidelity catheters, echocardiography, and molecular techniques to validate clinical biomarkers.
- Trained Ph.D. candidates, post-doctoral fellows, and medical students in echo-sonography and cardiac catheterization.
- Redesigned the pharmacology course for the physical therapy program.

NEW ORLEANS, LA

LOUISIANA STATE UNIVERSITY HEALTH SCIENCE CENTER *(1995-2008)*

Director of Clinical Education, Department of Cardiopulmonary Science	2005 - 2008
Managed Cardiovascular Core Facility, School of Graduate Studies	2005 - 2008
Assistant Professor, Department of Cardiopulmonary Science	2008
Instructor, Department of Cardiopulmonary Science	2001 - 2008
Educational Coordinator, Department of Respiratory Therapy & Cardiology	1995 - 2001

- Collaborated with clinical/basic science research faculty at LSU and Baylor University to develop protocols & in vivo models to phenotype novel genetic models, drug delivery systems, and pharmacologic interventions for the treatment and management of Alzheimer's.
- Improved quality and consistency of clinical experiences by establishing training programs for preceptors at clinical sites; created all electronic evaluations for clerkship preceptors.
- Built, validated, and beta tested new invasive/noninvasive cardiac phenotyping techniques.
- Served as a physiology subject matter consultant for the Millar Corporation.
- Elected by peers to President of the Faculty Assembly role as a junior faculty member, representing concerns of 88 full-time faculty, clinicians, and basic scientists.
- Managed experiential education, clerkships, and contracts for the School of Allied Health.
- Managed hospital's critical care areas and provided continuing education to all employees; responsible for precepting respiratory therapy students from all schools that trained at the MCLNO.
- Served as respiratory clinical liaison for ARDS protocol at MCLNO; study evaluated use of positive-end expiratory pressure to reduce incidences and development severity of acute respiratory distress syndrome.

CERTIFICATION/LICENSURE

- Registered Respiratory Therapist (1995-present)

PROFESSIONAL ORGANIZATION MEMBERSHIPS

- American Society for Pharmacology and Experimental Therapeutics (2019-present)
- American Society of Pharmacy Law (2013-2024)
- Phi Lambda Sigma (2010-Present)
- American Association of Colleges of Pharmacy (2008-Present)
- American Association for the Advancement of Science (2004-Present)
- Louisiana Society for Respiratory Care (2001-Present)
- Alpha Eta Honor Society (2000-Present)

PUBLICATIONS

a. IN PRINT

(1) BOOKS

(2) BOOK CHAPTERS

Lord KC and Cortes. Internal Medicine A Guide to Clinical Therapeutics by Rebecca L. Attridge, Monica L. Miller, Rebecca Moote and Laurajo Ryan (Jan 16, 2013)

Lord KC and Pilbeam. Mosby's Respiratory Care Equipment, 7th edition. Cairo and Pilbeam (Eds.), *Transport, Home-Care and Alternative Ventilatory Devices* (pp. 727-789). St. Louis, MO. 2002

Lord KC Mosby's Respiratory Care Equipment, 6th edition. Cairo and Pilbeam (Eds.), *Home Care and Transport Devices* (pp. 610-657). St. Louis, MO. 1999.

(3) REFEREED JOURNALS, REFEREED BULLETINS, REFEREED PROCEEDINGS

- **Kevin Lord,** Diego Alvarez, Sharon Gustowski, Townes Leigh, Arwen Meador, Candace Walkley, Yuan Zhao. Innovative Longitudinal Research/EBM Curricular Thread Focused on Vulnerable Populations. AACOM 2021. Abstract
- **Lord K,** Betap B, Phillips E. The 21st Century FDA: Advancing Patient Care Through Real-World Evidence. Focus: Real-world insights for oncology and other specialty therapeutic areas (May 2019)
- Ivy Altomare, Shreekant Parasuraman, Dilan Paranagama, Jonathan Kish, **Kevin Lord,** Jingbo Yu, Philomena Colucci, Real-World Dosing Patterns of Ruxolitinib in Patients with Polycythemia Vera Who Are Resistant to or Intolerant of Hydroxyurea, Clinical Lymphoma Myeloma and Leukemia, 2021, ISSN 2152-2650, https://doi.org/10.1016/j.clml.2021.06.023.
- Shehata GA, **Lord KC,** Grudzinski MC, Elsayed M, Abdelnaby R, Elshabrawy HA. Neurological Complications of COVID-19: Underlying Mechanisms and Management. International Journal of Molecular Sciences. 2021; 22(8):4081. https://doi.org/10.3390/ijms22084081
- Feinberg B, Kish J, Dokubo I, Wojtynek J, Gajra A, **Lord K**. Comparative Effectiveness of Palliative Chemotherapy in Metastatic Breast Cancer: A Real-World Evidence Analysis. Oncologist. 2020;25(4):319-326. doi:10.1634/theoncologist.2019-0699
- Feinberg B, Kish J, Dokubo I, Wojtynek J, **Kevin Lord** (corresponding). Reports of the Demise of Chemotherapy Have Been Greatly Exaggerated. Am J Manag Care. 2019;25(6):294-296
- Rebecca Lee Attridge, Lila LaGrange, Bradi Frei, Helmut Gottlieb, Cheryl Horlen, **Kevin Lord,** Anita Mosley, Sushma Ramsinghani, Donald Sikazwe, Amy Witte, Alejandra Zertuche, Rebecca Lynn Brady. Using admissions criteria for predicting student failure outcomes of supplemental instruction and remediation in a Doctor of Pharmacy program. Pharm Educ. 2017: vol (17)
- Hutchinson KR, **Lord CK**, West TA, Stewart JA Jr. Cardiac fibroblast-dependent extracellular matrix accumulation is associated with diastolic stiffness in type 2 diabetes. PLoS One. 2013 Aug 21;8(8): e72080.
- Linn WD, **Lord KC**, Whong CY, Phillips EG. Developing Effective Study Groups in the Quest for the Holy Grail: Critical Thinking. Am J Pharm Educ. 2013 Oct 14;77(8):180
- Kirk R. Hutchinson, **C. Kevin Lord**, T. Aaron West, James A. Cardiac Fibroblast-Dependent Extracellular Matrix Accumulation Is Associated with Diastolic Stiffness in Type 2 Diabetes. PLOS ONE. 2013;10(1371)
- **Lord K**, Moll D, Lindsey JK, Mahne S, Raman G, Dugas T, Cormier S, Troxlair D, Lomnicki S, Dellinger B, Varner K.J Environmentally persistent free radicals decrease cardiac function before and after ischemia/reperfusion injury in vivo. Recept Signal Transduct Res. 2011 Apr;31(2):157-67.
- Hutchinson KR, Guggilam A, Cismowski MJ, Galantowicz ML, West TA, Stewart JA Jr, Zhang X, Lucchesi PA., **Lord KC**. Temporal pattern of left ventricular structural and functional remodeling following reversal of volume overload heart failure. J Appl Physiol. 2011
- Souza-Smith FM, Katz PS, Trask AJ, Stewart JA Jr, **Lord KC**, Varner KJ, Vassallo DV, Lucchesi PA. Mesenteric Resistance Arteries in Type 2 Diabetic db/db Mice Undergo Outward Remodeling. PLoS One. 2011;6(8): e23337
- Katz PS, Trask AJ, Souza-Smith FM, Hutchinson KR, Galantowicz ML, **Lord KC**, Stewart JA Jr, Cismowski MJ, Varner KJ, Lucchesi PA. Coronary arterioles in type 2 diabetic (db/db) mice undergo a distinct pattern of remodeling associated with decreased vessel stiffness. Basic Res Cardiol. 2011 Jul
- **Lord KC,** Shenouda SK, McIlwain E, Lucchesi PA, Charalampidis D and Varner KJ. Oxidative stress contributes to methamphetamine-induced left ventricular dysfunction. Cardiovasc Res, 2010.
- Zerfaoui M, Naura A, Errami Y, Hans C, Rezk B, Park J, Elsegeiny W, **Lord K,** Kim J, and Boulares H. Effects of PARP-1-deficiency on airway inflammatory cell recruitment in response to LPS or TNF: Differential effects on CXCR2 ligands and Duffy antigen receptor for chemokines. Journal of Leukocyte Biology, 2009.

- Blumer JB, **Lord KC**, Saunders TL, Black C, Lazartigues E, Varner, KJ, Gettys T W and Lanier SM. Activator of G-protein signaling 3 null mice: I. unexpected alterations in metabolic and cardiovascular function. Endocrinology, 2008.
- Shenouda SK, **Lord KC**, McIlwain E, Lucchesi PA and Varner KJ. MDMA produces left ventricular dysfunction and oxidative stress in rats. Cardiovasc Res, 2008.
- Pellett AA, Welsh DA, deBoisblanc BP, Lipscomb G, Johnson RW, **Lord, KC**, and Levytskyi MG. Low positive end-expiratory pressure does not exacerbate nebulized-acid lung injury in dogs. J Crit Care, 2005.
- Badon LA, Hicks AR, **Lord KC,** Ogden B, Meleg-Smith S and Varner KJ. Changes in Cardiovascular Responsiveness and Cardiotoxity, Elicited during Binge Administration of Ecstasy. J Pharm Exp Ther 302: 3, 1-10, 2002.
- Pellett AA, **Lord KC**, Champagne, MS, deBoisblanc BP, Johnson RW, and Levytskyi MG. Pulmonary capillary pressure during acute lung injury in dogs. Crit Care Med 30: 403-409, 2002.
- deBoisblanc BP, McClarity E, and **Lord KC**. Oxygen consumption in the intensive care unit: indirect calorimetry is the way to go, but where? Crit Care Med 26(7):1153-4, 1998.

PROFESSIONAL PUBLICATIONS

a. **ORAL/PLATFORM PRESENTATIONS AT PROFESSIONAL MEETINGS**

- Yuan Zhao, Candace Walkley, Kevin Lord. A Pathway for Developing Content Blueprinting Strategy for the Curriculum of Osteopathic Medical School. SERA 2021. Abstract. Selected for oral presentation.
- Kevin Lord, Townes Leigh, Diego Alvarez, Mari Hopper. Using Research to Address the Leaky Pipeline. RTTC 2021. Abstract. Selected for oral presentation. Speaker
- Townes Leigh, Kevin Lord, Mar Manis, Charles Henley. Longitudinal Research Thread. RTTC 2021. Abstract. Selected for oral presentation.
- Feinberg B, Kish J, Dokubo I, Wojtynek J, **Kevin Lord.** Comparative Effectiveness Among Single Agent Chemotherapeutics in the Treatment of TNBC Using Time to Next Treatment as a Surrogate for Efficacy, ISPOR Europe 19, Podium presentation.

POSTER PRESENTATIONS AT PROFESSIONAL MEETINGS

- **Kevin Lord**, Diego Alvarez, Sharon Gustowski, Townes Leigh, Arwen Meador, Candace Walkley, Yuan Zhao. Innovative Longitudinal Research/EBM Curricular Thread Focused on Vulnerable Populations. AACOM 2021. Abstract
- Ivy Altomare, Anna Nguyen, Shreekant Parasuraman, Dilan Paranagama, Jonathan K Kish, **Kevin Lord**, Philomena Colucci. Real-World Dosing Patterns of Ruxolitinib in Patients with Polycythemia Vera Who are Resistant to or Intolerant of Hydroxyurea. Clinical Lymphoma Myeloma & Leukemia Abstract 2020
- Feinberg B, Kish J, Dokubo I, Wojtynek J, **Kevin Lord.** Real-World Data Describing the Role of Chemotherapy in the Treatment of HR+/HER2- mBC patients: Divergence from Evidence Based Medicine. ISPOR EU Abstract: 2019
- **Kevin Lord,** Feinberg B, Kish J, Ting-Hsing YU, Eli Phillips**.** The Impact of Value Based Care on Oncology Specialty Physicians, ISPOR EU 2019
- Bruce Feinberg DO, **Kevin Lord PhD**, MHS, Jonathan Kish, PhD, MPH, JaLyna Laney RN, Dhruv Chopra MS, Djibril Liassou MS. Real-World Evidence Evaluation of the Use of Single Versus Combination Chemotherapy in Salvage Therapy for Metastatic Breast. ASCO Abstract: 2019
- Bruce Feinberg DO, **Kevin Lord PhD, MHS**, Jonathan Kish, PhD, MPH, JaLyna Laney RN, Dhruv Chopra MS, Djibril Liassou MS. Use of a Granulocyte Colony-Stimulating Factor for the Prevention of Febrile Neutropenia in the Era of Value Based Care. ASCO Abstract: 2019
- **Kevin Lord PhD, MHS**, Bruce Feinberg DO, Jonathan Kish, PhD, MPH, JaLyna Laney RN, Dhruv Chopra MS, Djibril Liassou MS. Real-world evidence evaluating the use of an NK-1

antiemetic in the systemic chemotherapy treatment of metastatic breast cancer. ASCO Abstract: 2019

- **Kevin Lord,** The Patient's Journey: Real-World Data of WeInfuse Infusion Centers. Podium Presentation National Treatment Adherence Summit 2019
- Gloimai Ari'elle Cowan, Emma Santa Maria, **Kevin Lord,** and Anil T. Mangla. Body Mass Index Comparisons in Bexar County Youth. Poster Abstract University of the Incarnate Word Research Day 2019
- Paula Stigler Granados, Kaylyn Snook, **Kevin Lord**, Wenxu Zhou, Emma Santa Maria and Anil T. Mangla. A physician's guide of Chagas Disease in Texas: Current Clinical presentation and pathophysiology, Screening and Diagnosis, Treatment Options, and a Potential Therapeutic Agent Targeting Ergosterol Biosynthetic Pathways. Poster Abstracts Texas Disease in Nature 2019
- William Linn, Cesar Trevino, Eli Phillips, **Kevin Lord**. Assessing the Opinions of Pharmacy and Non-Pharmacy Stakeholders Concerning Future Pharmacist Involvement in Patient Care. Poster Abstracts AACP 2012.
- Brian Hettler, RishmaPatel, LysandraShaffer, Vanessa G. Phillips, pharm.D., **Kevin Lord**, PhD, Eli G. Phillips, Jr., Pharm.D., J.D. Medication Dispensaries for the Underprivileged: Legislative Intent. Poster Abstracts NABP, 2011.
- Smith, Helen E., PhD; Akers, Daniel, BS; Botor, Olive, MS; Curry, Brittany, BA; DeLeon, Melissa, PharmD; Krause, Tia; **Lord, Kevin C., PhD**; Simpson, Jessica, BS; Williams, Lisa, BS; Linn, William D., PharmD. Association Between Antiplatelet Medication Resistance and Platelet Receptor Polymorphisms.UIW Research Day, 2012.
- E. Bernardo, T. Krause, T. Nichols, B. Frei, A. Witte**, K. Lord.** Mental Health Matters II. Poster Abstracts TSHP, 2011.
- T. Nichols, E. Bernardo, T. Krause, B. Frei, A. Witte, **K. Lord**. Mental Health Matter. Poster Abtracts ASHP, 2010.
- Thurman LS, Krause TV, De Leon MA, **Lord KC**, Linn WD. Responsiveness to Antiplatelet Therapy in Hispanic Patients with Type 2 Diabetes Mellitus. Poster Abtracts ASHP, 2010.
- **Kevin C. Lord**, Kirk R. Hutchinson, James S. Stewart Jr., Anuradha Guggilam, Xiaojin (Jean) Zhang, Mary J. Cismowski, Pamela A. Lucchesi. Reversal of Volume Overload Leads to Restoration of LV Structure and Function Poster Abstracts Keystone Symposium, "Cardiovascular Development and Repair," 2010.
- **Kevin Lord,** Ph.D., Ariel Vinas*, Daniel Escobedo, Lifan Zhang, Travis Jenkins, Marc David Feldman, M.D., Claude Jourdan-Le Saux, Ph.D. Cardiovascular structural and functional changes associated with Caveolin-1 deficient mice (primary PH model). UTHSCSA Research Day, 2010.
- The Study of Acquired / Drug-Induced Long QT Syndrome in Breast Carcinoma Patients Fitting the Drug to the Breast Cancer Patient. Miroslav Sarac, John Zamjahn, Dana Jamero, John Okogbaa, Martha Brown Harris, **Kevin Lord.** Louisiana Cancer Research Consortium, 2009.
- **Lord KC**, Shenouda SK, McIlwain E, Pollman M, Lucchesi PA and Varner KJ. Methamphetamine-induced oxidative-stress modifies contractile and mitochondrial proteins in the heart. EB.
- **Lord** KC, Shenouda S, McIlwain E, Pollman M, Lucchesi PA, and Varner, KJ. Tempol attenuates methamphetamine-induced left ventricular dysfunction. EB.
- **Lord, K**, Reed, R, Hicks, A, Lucchesi, P, Varner, K. "Role of oxidative stress in methamphetamine-induced cardiac dysfunction." Keystone Conference.
- **Lord K,** Reed R, Shenouda S, Lucchesi P, Varner K. "New Insights into methamphetamine-induced cardiac dysfunction." University of Alabama at Birmingham Vascular Biology and Hypertension 16th Annual Symposium.

GRANTS AND CONTRACTS FUNDED

Sam Houston State University-COM
The Effects of Gamification on Patient Adherence to a Physician Prescribed Treatment Plan — 10-2021-2023 — $23,000

Corner Store: Co-PI
Addressing the food desert of South San Antonio — 10/1/2018-10/1/2019 — $50,000

Hogg Foundation, Co-investigator
Addressing social determinants of mental health in an integrated Health Care Training. — 6/1/2017 to 6/1/2020 — $407,075

Industrial Grant Co-investigator
Prati Donaduzzi
Global Industrial Pharmacy APPE development — 8/2013 – 6/2015 — $80,000

NIH/NICHD Co-PI
Extramural Associates Research Development Application (EARDA)
Health Screenings and Education for the Underprivileged — 6/1/2012 – 5/30/2013 — $10,000

NIH/NICHD Co-PI
Extramural Associates Research Development Application (EARDA)
" Responsiveness to Antiplatelet Therapy in Hispanic Patients with T2dm" — 6/1/2010 – 5/30/2011 — $9,200

MAJOR AREAS OF RESEARCH INTEREST

- Application of haptics in the training of clinical skills
- Factors contributing to increased mortality and costs in medically underserved populations.
- Application of value-based care in the management of cancer patients.
- Trend analysis and risk identification for suspicious orders of controlled substances
- Validation of echocardiographic measures of cardiac function in rodent and murine models.

TEACHING EXPERIENCE

a. COURSES TAUGHT CURRENT YEAR

- Research and Evidenced-Based Medicine (Course Director)
- Scientific Foundations (Instructor)
- Clinical Medicine (Instructor)
- Endocrine and Reproduction (Instructor)
- Cardiovascular Pharmacology (Course Director)
- Bioethics (Course Director)

a. COURSES TAUGHT PREVIOUS YEAR

- Research and Evidenced-Based Medicine (Course Director)
- Scientific Foundations (Instructor)
- Clinical Medicine (Instructor)
- Endocrine and Reproduction (Instructor)

b. DIRECTED STUDENT RESEARCH PROJECTS

- Kiran Lakhian: The Impact of Peer-to-Peer Review-Preview Sessions on Student Confidence and Interest in OMT. 2024

- Gloimai Ari'elle Cowan: Body Mass Index Comparisons in Bexar County Youth. 2017
- Cesar Trevino: Assessing the Opinions of Pharmacy and Non-Pharmacy Stakeholders Concerning Future Pharmacist Involvement in Patient Care. 2012
- Brian Hettler: Medication Dispensaries for the Underprivileged: Legislative Intent.
- DeLeon, Melissa: Association Between Antiplatelet Medication Resistance and Platelet Receptor Polymorphisms. 2011
- E. Bernardo, T. Mental Health Matters
- Kirk R. Hutchinson: Reversal of Volume Overload Leads to Restoration of LV Structure and Function. 2010

ACADEMIC SERVICE

2021-2022	Chair, Admissions Committee. Sam Houston State University
2019-2022	Admissions Committee. Sam Houston State University
2021-2024	College Executive Committee. Sam Houston State University
2019-2024	Leadership Committee. Sam Houston State University
2020-2024	Chair, Academic Review Panel. Sam Houston State University
2019-2024	Research Committee (RC). Sam Houston State University
2019-2023	Faculty Evaluation System Committee. Sam Houston State University
2020-2021	Faculty Senator
2020 -2021	Chair, Faculty Assembly. Sam Houston State University
2016-2018	College Executive Committee. UIW College of Osteopathic Medicine
2016-2018	Chair, Research Committee. UIW College of Osteopathic Medicine
2016- 2108	Chair, Student Promotions and Academic Progress Committee. UIW College of Osteopathic Medicine
2016-2017	Curriculum Committee. UIW College of Osteopathic Medicine
2014-2016	Quality Enhancement Plan. UIW
2011-2016	Chair. Admissions Committee
2011-2013	Faculty Senator. UIW
2008-2015	Strategic Plan Committee. Feik, UIW
2008-2010	Curriculum Committee (Chair, 2009 and 2010), Feik, UIW
2004-2008	Faculty Assembly. LSUHSC, School of Allied Health
2007-2008	President, Faculty Assembly. LSUHSC, School of Allied Health
2006	Vice President, Faculty Assembly. LSUHSC, School of Allied Health
2002-2008	Chair, Dean's Grand Rounds. LSUHSC, School of Allied Health
2000-2002	Chair, Clinics Committee. LSUHSC, School of Allied