**Grant Submissions and Awards Summary Calendar Year 2017**

**January - December**

**January 2017**

**Dr. Janet Bezner, PT, DPT, PhD – Associate Professor in the Department of Physical Therapy** is the Principal Investigatorfor *Overpowering Osteoarthritis: Helping a Community Walk with Ease.* Sponsored by the Osteoarthritis Action Alliance the mini-grant of $6,753 is an expansion of the Walk With Ease Program beyond Texas State University’s WellCats Program into the wider San Marcos community which will offer Walk with Ease at SMCISD, SMAC, and Mariposa Apartment Homes for senior living, serving those with osteoarthritis and other chronic conditions.

Proposal awarded $6,753 for 12- month period.

Co-Investigators

* Dr. Lisa Lloyd, PhD, Department of Health and Human Performance/Exercise and Sports Science
* Carolyn Cook Swearingen, M. Ed., ACSM-HFI, Department of Health and Human Performance/Exercise and Sports Science

**Dr. Shirley Levenson, PhD, APRN, FNP-BC - Clinical Assistant Professor and Nurse Practitioner Program Director St. David’s School of Nursing** is the Principal Investigator for *Academic Partnerships for FNP Students Working in Rural and Under-Served Populations*a proposal to HRSA’s Advanced Nursing Education Grant Program. The awarded funds will increase the number of primary care providers in rural and medically underserved regions of Texas.

Amount requested was $684,152 for two years.

Co-Investigator

* **Dr. Marla Erbin-Roesemann, PhD, RN - Director & Professor St. David’s School of Nursing**

**Dr. Rodney E. Rohde, PhD, MS, SV, SM(ASCP)CM MBCM - Chair & Professor, Clinical Laboratory Science** is Senior Personnel as part of a collaborative team with Biology and Chemistry for *MRI: Acquisition of a Flow Cytometer and Fluorescence Activated Cell Sorter for Multi-Disciplinary Research* a proposal submitted to National Science Foundation’s Major Research Instrumentation Program (MRI).Proposal requests acquisition of a flow cytometer and cell sorter at Texas State University to enhance the scholarly productivity of biological, biochemical, biomedical, and materials research and augment ongoing educational and outreach efforts to underrepresented groups. The proposed instrument for acquisition will be fully integrated and user-friendly to impact the greatest number of research-active undergraduate and graduate students. This acquisition will be an addition to our Analysis Research Service Center (ARSC), a fee-based user facility that supports a wide-range of research activities at Texas State University.

Proposal requested $234,532.

**February 2017**

**Dr. Viola Benavente, PhD, RN, CHS - Assistant Professor in the St. David’s School of Nursing** is the Principal Investigator for*Heart Technologies and Cognitive Health Promotion of Post-Menopausal Women* a proposal submitted to the National Institute on Aging Department of Health Services – Public Health Services funding through the Latino Aging Research Resource Center (LARRC) at the University of California-Davis. The awarded funds will develop a prototype of a culturally-tailored health information and communication technology intervention to discover its potential in promoting cardiovascular as well as cognitive health in postmenopausal Mexican-American women. University of California at Davis.

Proposal awarded $37,151.05 for 12-month period.

**Son Kim, PhD, RN – Professor in the St. David’s School of Nursing** is the Principal Investigator for *Evaluation of Electronic Aggressive Behavior Risk Assessment Tool for Prospectively Identifying Patients with Aggressive Tendencies Across a Regional Healthcare System.* a proposal submitted to NIH-National Institutes of Health NIOSH Exploratory and/or Developmental Grant Program (R21).The awarded funds will study the implementation of an Aggressive Behavior Risk Assessment Tool to be used by nurses to assess each patient in the medical units. Study will be conducted in collaboration with Centura Health in Denver CO.

Proposal requested $398,974.06.

**March 2017**

**Dr. Jessica Parker-Raley, PhD - Research Associate Professor College of Health Professions** is the Principal Investigatorforthe LOI entitled*Creating and Disseminating a Communication Intervention to Improve Consenting, Recruiter Resilience and Community Awareness in Multicultural Settings* submitted to the Robert Wood Johnson Foundation (RWJF) Interdisciplinary Research Leaders 2017.The awarded funds will design a communication intervention focused on improving volunteer recruiters’ abilities to deliver consents to diverse populations. In partnership with Be the Match.

Co-Investigators

* **Dr. Ronnie Lozano, Ph.D.,MSRS,RT(T) - Chair & Associate Professor, Radiation Therapy**
* Jon Hudson – GenCure

LOI requested $312,179 for three-year period.

**Dr. Jessica Parker-Raley, PhD - Research Associate Professor College of Health Professions** is the Principal Investigatorforthe LOI entitled*Nurse Practitioner Service Learning Program (NPSLP)*submitted to the Rita & Alex Hillman Foundation.

The awarded funds will build on the Nurse Practitioner Service Learning Program (NPSLP), a partnership between Texas State University’s Family Nurse Practitioner program and Valley Baptist Hospital in the Lower Rio Grande Valley (LRGV).

LOI requested $600,000.

Co-Investigators

* **Dr. Shirley Levenson, PhD, APRN, FNP-BC - Clinical Assistant Professor and Nurse Practitioner Program Director in the St. David’s School of Nursing**
* Dr. Stephanie L. Dailey, PhD - Assistant Professor Department of Communication Studies

**April 2017**

**Dr. Jessica Parker-Raley, PhD - Research Associate Professor College of Health Professions** is the Principal Investigator for the LOI entitled Desayuno Con Amigos

submitted to Patient Centered Research Initiative (PCORI)**.** The funds will be used to facilitate the planning and implementation of five Desayuno Con Amigos events. The goals of the events are to build a stakeholder-informed research portfolio focused on chronic and infectious disease management in rural Lower Rio Grande Valley communities.

LOI requested $50,000 for one-year period.

 Co-Investigators

* Dr. Stephanie L. Dailey, PhD - Assistant Professor Department of Communication Studies

**Dr. Tiankai Wang, PhD - Associate Professor, Health Information Management Department** is the Principal Investigatorforthe LOI entitled*Measuring Impact of the Project Management Office (PMO) on Corporate Social Responsibility (SRO)* submitted to the Project Management Institute*.* This study is designed to answer the question: How does the project management office (PMO) impact an organization’s corporate social responsibility (CSR)?

LOI requested $50,000 for one-year period.

Co-Investigator

* **Dr. David Gibbs, PhD, CHPS, CPHIMS, CISSP – Assistant Professor Health Information Management**

**May 2017**

**Dr. Rodney E. Rohde, PhD, MS, SV, SM(ASCP)CM MBCM - Chair & Professor, Clinical Laboratory Science** is Principal Investigator for *Assessing Risk Potential and Follow-on Effects of an Engineered, Catastrophic Arbovirus Pandemic* an LOI submitted to Open Philanthropy Project incollaboration with Dr. Steven Presley, Biological Threat Lab Texas Tech University.

The goal of the three-phased project is to develop a plausible scenario and assess the risk of a low-probability high-consequence biological attack that results in a pandemic, thereby identifying and characterizing through modeling the probabilities, scope and scale of multiple secondary, tertiary, etc. order effects, and to validate those results through subject matter expert (SME) consensus.

Proposal requested $700,000 for a two-year period.

**Disorders Dr. Rahul Chakraborty Ph.D., CCC-SLP – Associate Professor Communication Disorders** is Principal Investigator for *R-DR (Refer-Don’t Refer) Profile Software Program: Increasing Unbiased Referrals for Language Evaluation of School-Aged Children* a proposal submitted to the American Speech Language Hearing Association.

Awarded funds will be used to develop a self-assessment tool to test and train clinicians for unbiased language evaluation referrals for children. Clinical Application Bias Awareness Test (CABAT) is the tool which will be developed to meet this need.

Proposal requested $14,508.56

Co-Investigator

* **Dr. Amy Louise Schwarz, PhD, CCC-SLP, Certified Teacher of the Deaf – Assistant Professor Communication**

**Dr. Oren Renick, JD, MPH, ThM, MA – Professor School of Health Administration** is Principal Investigator for *Med-Rides: A University Based Non-emergency Medical Transportation Program for Elders* an LOI submitted to the Kendal Charitable Funds Promising Innovations 2017. The funds requested from this award will be used to continue and enhance the Med-Rides program at Texas State and develop a curriculum for use by other institutions of higher education.

LOI requested $47,998.44

**Joanna Ellis, MS, MLS(ASCP) - Clinical Assistant Professor and Clinical Coordinator Clinical Laboratory Science** is the Principal Investigator for*Texas State University’s Lab in a Suitcase* a proposal submitted to International Aid. The award from this sponsor will be an in-kind contribution of a lab-in-a-suitcase which will be used to serve communities or facilities without access to reliable electricity and provide health laboratory diagnostics in remote areas.

**Dr. Brenda Boucher, PT, PhD, CHT, OCS, FAAOMPT – Associate Professor Physical Therapy** is Principal Investigator for *The Effectiveness of a Functional Movement Assessment and 4-Week Exercise Training Program for Female High School Athletes* submitted to theTexas Society of Allied Health Professions*.* These funds will be used to purchase equipment for exercise, other supplies, and to complete the study, assist investigators with travel to present findings. The purpose of this study is to investigate the effectiveness of a 4-week training program at improving FMS scores in female high school athletes.

Proposal requested $1,500.

Co-Investigator

* **Dr. Angela Rich, ATC, PT, ScD, Board Certified Orthopaedic Specialist - Assistant Professor Department of Physical Therapy**

**Dr. David Gibbs, PhD, CHPS, CPHIMS, CISSP – Assistant Professor Health Information Management** is the Principal Investigator for *Electronic Health Record Systems as a Platform for Interprofessional Education* a proposal submitted to the Texas Society of Allied Health Professions. The purpose of this research is to explore and study the use of electronic health record (EHR) systems as a platform for interprofessional education (IPE).

Proposal awarded $1,500.

**June 2017**

**Dr. Chris McClanahan, DNP, RN - Coordinator of Simulation Laboratories Clinical Assistant Professor St. David’s School of Nursing** is the Principal Investigator for*Assessing Student Performance and Simulation* a proposal submitted to Sigma Theta Tau International. The funds from this award will be used to study nursing education.

Co-Investigator

* **Dr. Jessica Parker-Raley, PhD - Research Associate Professor College of Health Professions**

Proposal requested $6,000 for 12 months.

**Son Kim, PhD, RN – Professor in the St. David’s School of Nursing** isPrincipal Investigator for*Prospective and early detection of patients with violent tendencies in emergency department.* a proposal submitted to NIH-National Institutes of Health NIOSH Exploratory and/or Developmental Grant Program (R21). The awarded funds will study the implementation of an Aggressive Behavior Risk Assessment Tool to be used by nurses to assess each patient in the medical units. Study will be conducted in collaboration with Centura Health in Denver CO. This application is a re-submission.

Proposal requested $313,238.18.

**July 2017**

**Ms. Jackie Moczygemba**, **MBA, RHIA, CCS, FAHIMA - Associate Professor & Chair Health Information Management** isPrincipal Investigator for *Patient Access to Health Information: Provider Practices in Engaging Patients to Use a Patient Portal* an LOI submitted to National Institute for Health Care Management (NIHCM) Foundation

Proposal requested $40,000 for a 12-month period.

Co-Investigators

* **Kim Abdouch-Murphy, MPH, RHIA – Clinical Assistant Professor Health Information Management**
* **Dr. Cristian Lieneck PhD, FACMPE, FACHE, FAHM, CPHIMS - Associate Professor School of Health Administration**

**Dr. Farzan Irani, PhD, CCC-SLP - Assistant Professor Communication Disorders** is Principal Investigator for *Development of brain-computer interface methods to influence brain dynamics in stuttering* submitted to NIH (R21) which if awarded under a sub-agreement with UTSA will deliver an experimental study to determine feasibility of developing a Brain-Computer Interface (BCI) training protocol for adults who stutter. This application is a resubmission.

Proposal requested $47,752 for a two-year period.

**Dr. Oren Renick, JD, MPH, ThM, MA – Professor School of Health Administration i**s Principal Investigator for *Med-Rides: A University Based Non-emergency Medical Transportation Program for Elders* an LOI submitted to the Robert Wood Johnson Foundation (RWJF) Pioneering Ideas. The funds requested from this award will be used to continue and enhance the Med-Rides program at Texas State and develop a curriculum for use by other institutions of higher education.

LOI requested $ 165,573 for 24 months.

**August 2017**

**Ms. Sharon Armstead, EMBA, RRT - Clinical Assistant Professor and Director of Clinical Education, Department of Respiratory Care** is the Principal Investigator for *Texas State Respiratory Care Study Abroad* submitted to the CHEST Foundation. The funds from this award will expand respiratory care training in the Guyana medical community.

Proposal awarded $11,530 for a one-year period.

**Dr. Karen Gibbs, PT, PhD, DPT, CWS – Associate Professor, Department of Physical Therapy** is the Principal Investigator for a proposal submitted to the American Association of Wound Care (AAWC) for the 2018 AAWC Teaching Award. The funds will be enable Dr. Gibbs to hire a GRA to focus on wound care research to survey a recent graduating class to assess the wound care knowledge and skill expectations encountered during first year of practice.

Proposal awarded $699.41 for one-year period.

**October 2017**

**Dr. Arzu Ari, PhD, RRT, PT, CPFT, FAARC – Professor, Department of Respiratory Care** is the Principal Investigator for*Impact of Filtered Heat Moisture Exchangers (HME) on Aerosol Deposition and Particle Size in a Simulated Mechanically Ventilated Adult Lung Model* funded by ARC Medical, Inc. The awarded contract transferred from Georgia State University to Texas State University. With the remaining funds from this award, Dr. Ari will present the results of her research on the effects of filtered HME on lung deposition and aerosol particle size using a simulated ventilator-dependent adult lung model.

Transferred contract $6,436.55.

**Dr. Denise Gobert, PhD – Associate Professor in the Department of Physical Therapy** is the Principal Investigator for *Predictors of Hospital Re-admissions as Related to Home Health Physical Therapy Service Trends* American Physical Therapy Association Home Health Section.

The funds from this award will be used to explore the Centers for Medicare and Medicaid Services (CMS) Outcomes and Assessment Information Set (OASIS-C2) data set to characterize hospital readmissions for continuity of care as influenced by access to physical therapy home health (HHPT) services, type of medical condition, type of interdisciplinary mix and length of episode of care.

Proposal awarded $10,000 for one-year period.

Co-Investigators

* **Dr. Debra McDowell, PT, PhD - Clinical Assistant Professor**
* **Dr. Shannon Hope Williams, DPT – PT Clinic Director**
* Keri Jackson, PT - Remedy Therapy Staffing

**Son Kim, PhD, RN – Professor in the St. David’s School of Nursing** isPrincipal Investigator for*Effects of a nurse-led sleep bundle on delirium among critically ill patients*a proposal submitted to the American Association of Critical Care Nurses.The funds from this award will study the effects of sleep-promoting nursing interventions.

Proposal requests $48,969.80 for a two-year period.

**Dr. Marla Erbin-Roesemann, PhD, RN – Director & Professor St. David’s School of Nursing** Professional Nursing Shortage Reduction Program FY18 proposal submitted to the Texas Higher Education Coordinating Board (THECB). These funds are given to public and private nursing programs that show an increase in the total number of nursing graduates at all degree levels.

Proposal requests $45,000 for a one-year period.

**November 2017**

**Dr. Jessica Parker-Raley, PhD - Research Associate Professor College of Health Professions** is the Principal Investigator for*Team HEART: A Novel Social Ecological Approach For Cardiac Rehabilitation In Older Adults and Their Caregivers,* a proposal submitted to NIH-National Institute on Aging (NIA) in response to the FOA: Tailoring Cardiac Rehabilitation to Enhance Participation of Older Adults (R01). The requested funds will be used to study the implementation of a three-phase social ecological approach for cardiac rehab patients of Central Texas Medical Center (CTMC)*.*

Proposal requests $700,000 for a five-year period.

Co-Investigators

* **Dr. Viola Benavente, PhD, RN, CHS - Assistant Professor St. David’s School of Nursing**
* **Dr. Janet Bezner, PT, DPT, PhD – Associate Professor Department of Physical Therapy**
* **Dr. DeDe Gardner, PhD, MSHP, RRT, FAARC, FCCP - Associate Professor Department of Respiratory Care**
* Dr. Eun Hae “Grace” Kim, PhD, MSW - Assistant Professor School of Social Work
* **Dr. Ranjini Mohan, Ph.D., CCC-SLP- Assistant Professor Department of Communication Disorders**

**Son Kim, PhD, RN – Professor in the St. David’s School of Nursing** isPrincipal Investigator for *Sleep buNdle for Uninterrupted Sleep (SNUS) among Patients and Family Members in Intensive Care Units*submitted to NIH-National Institute of Nursing Research NINR Clinical Trial Planning Grant (R34). The funds from this award will study interventions for sleep-deprived patients.

Proposal requests $242,196.25 for a one-year period in collaboration with University of California-San Diego Health System.