Grant Submissions and Awards Summary FY 2017 September 2016- July 2017

September 2016

Dr. Brenda Boucher, PT, PhD, CHT, OCS, FAAOMPT – Associate Professor Physical Therapy is Principal Investigator for The Effectiveness of Functional Movement Assessment and 4-Week Exercise Training Program for Female High School Athletes submitted to the Texas Physical Therapy Association. If awarded, funds will use an experimental pretest-posttest design to examine the effectiveness of a 4 week exercise-training program with healthy female subjects aged 14-18 years old.

The proposal requested $3,999 for a 1 year period.

Co-Investigator

• Dr. Angela Rich, ATC, PT, ScD, OCS – Assistant Professor Physical Therapy

October 2016

Dr. Rodney E. Rohde, PhD, MS, SV, SM(ASCP)CM MBCM - Chair & Professor, Clinical Laboratory Science is Principal Investigator for Texas Tech University Regional Research and Training Center of Excellence for Emerging and Reemerging Vector-borne and Zoonotic Diseases of Significant Public Health Concern which was a multi-institutional collaborative proposal submitted to the CDC. If awarded under a sub-agreement, funds will be utilized to develop and deliver educational and training curricula specific to community public health professionals at all levels.

The proposal requested $249,996.40 for a 5 year period.

Dr. Farzan Irani, PhD, CCC-SLP - Assistant Professor CDIS 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.

The proposal requested $47,752 for a 2 year period.

Dr. Okere, PT, PhD, ATC - Clinical Associate Professor Physical Therapy is Principal investigator for Do International Educational Experiences Improve Student Physical Therapists’ Cultural Competence? A Quantitative Quasi-Experimental Controlled Study. If awarded, funds will document the effects of an international learning experience on student PTs' cultural competence, utilizing the IAPCC-SV.

The proposal requested $9,450 for a 1 year period.
Dr. Barbara Hewitt, PhD – Assistant Professor Health Information Management is the Principal Investigator for TXHIMA Legal Handbook submitted to Texas Health Information Management Association (TXHIMA). If awarded, funds will assist in the preparation of the Legal Handbook of Texas. Re-submission

The proposal requested $70,282 for a 1 year period.

Co-Investigator
• Joseph Topinka, JD – Assistant Professor School of Health Administration

Dr. Barbara Hewitt, PhD – Assistant Professor Health Information Management is the Principal Investigator for TXHIMA Legal Handbook submitted to Texas Health Information Management Association (TXHIMA). If awarded, funds will assist in the preparation of the Legal Handbook of Texas. Re-submission

The proposal requested $70,282 for a 1 year period.

Co-Investigator
• Joseph Topinka, JD – Assistant Professor School of Health Administration

Dr. Barbara Hewitt, PhD – Assistant Professor Health Information Management is the Principal Investigator for 2016-17 NCWIT Aspirations Affiliate Outreach Fund to conduct outreach activities to local high schools to promote IT events to be held in October 2017.

The proposal was awarded $1,500 for a 1 year period

Dr. Barbara Hewitt, PhD – Assistant Professor Health Information Management is the Principal Investigator for Texas State University IT Symposium Outreach a proposal submitted to NCWIT Academic Alliance 2017 Seed Fund Award (Round 13). If awarded, funds will be utilized to increase recruiting efforts for annual IT Symposium event to attract more females and minorities to technology studies.

The proposal was awarded $2,160 for a 1-year period

Co-Investigators
• Dr. Garry White, Associate Professor Computer Information Systems
• Kevin Jetton, Senior Lecturer Computer Information Systems

Dr. Janet Bezner, PT, DPT, PhD – Associate Professor in the Department of Physical Therapy is the Principal Investigator for Building a Workplace Culture of Health in Academic Settings: One Supervisor at a Time (BUILDING A wCOH), a Letter of Inquiry (LOI) submitted to the Robert Wood Johnson Foundation in response to its RFA, entitled Evidence for Action: Investigator-Initiated Research to Build a Culture of Health. This proposed research will generate an evidence-based supervisor training module to improve the Workplace Culture of Health (wCOH) in university settings.

The LOI requested $390,731 for a 30-month period.

Co-Investigators
• Sylvia Crixell, RD, PhD, School of Family and Consumer Sciences/Nutrition and Foods
• Lisa Lloyd, PhD, Department of Health and Human Performance/Exercise and Sports Science
Dr. Janet Bezner, PT, DPT, PhD – Associate Professor in the Department of Physical Therapy is the Principal Investigator for 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 was awarded $6,753 for a 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 requests $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 was awarded $37,151.05 for a 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 Investigator for the 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 years.

Dr. Jessica Parker-Raley, PhD - Research Associate Professor College of Health Professions is the Principal Investigator for the 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 $60,000.

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 Investigator for the 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 in collaboration 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 requests $700,000 for a two-year period.

**Dr. Amy Louise Schwarz, PhD, CCC-SLP, Certified Teacher of the Deaf – Assistant 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 requests $14,508.56

**Co-Investigator**

- Rahul Chakraborty Ph.D., CCC-SLP – Associate Professor Communication Disorders

**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 the Texas 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 requests $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).

The proposal requests $1,500.

**June 2017**

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 requests $6,000 for 12 months.

Son Kim, PhD, RN – Professor in the St. David’s School of Nursing is Principal 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 requests $313,238.18.

**July 2017**

Jackie Moczygemba, MBA, RHIA, CCS, FAHIMA - Associate Professor & Chair Health Information Management is Principal 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 requests $40,000 for a 12 month period.

Co-Investigator

- 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.

The proposal requests $47,752 for a 2 year period.

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 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.