Grant Submissions and Awards Summary September 2015- August 2016

September 2015

Dr. Janet Bezner, PT, DPT, PhD – Associate Professor in the Department of Physical Therapy is the Principal Investigator for Enhancing Physical Activity Programming for Employee Well-being at Texas State University, a proposal submitted to the Osteoarthritis Action Alliance (OAAA) in response to its RFA, entitled Implementation Strategies to Increase Physical Activity among Adults with Osteoarthritis. Enhancing Physical Activity Programming for Employee Well-being at Texas State University will build on the Texas State University Employee Wellness pilot program that was initiated in spring 2015. Comprehensive worksite wellness programs should be inclusive and explicitly incorporate the needs of adults with arthritis in their programs without requiring disclosure of arthritis diagnosis. Specifically, the overarching goal of this proposal is to modify the Texas State Employee Wellness Program to meet the needs of the primarily sedentary population, including those with osteoarthritis and/or other chronic diseases. Grant support from OAAA will significantly improve the Texas State Wellness program, allowing to:

• Enhance the education of physical activity instructors so that they are more knowledgeable about how to support and motivate employees with chronic disease,
• Add low impact physical activity classes to our list of classes,
• Delineate and rate the walkability of campus routes on campus,
• Implement a walking program on campus, and
• Develop and implement a series of educational sessions on chronic disease, in particular, osteoarthritis.

The proposal was awarded $24,829 for a 12-month period through a two-step process of LOI and invitation to submit a full application.

Co-Principal Investigators
- Lisa Lloyd, PhD, Department of Health and Human Performance/Exercise and Sports Science
- Sylvia Crixell, RD, PhD, School of Family and Consumer Sciences/Nutrition and Foods

Dr. Marla Erbin-Roesemann, PhD, RN – Director & Professor St. David’s School of Nursing submitted a proposal to the Texas Higher Education Coordinating Board for the FY 2016 Nursing Shortage Reduction Program. 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 was awarded $84,736.
Dr. Maria Resendiz, PhD – Assistant Professor of Communication Disorders is the Principal Investigator of Multicultural Intensive Speech-Language Therapy Intervention Clinic (MISTIC) 2016, a Letter of Intent (LOI) submitted to the Genevieve and Ward Orsinger Foundation. The Multicultural Intensive Speech-Language Therapy Intervention Clinic (MISTIC) allows for the provision of speech-language assessments and interventions for children, with the ultimate aim of supporting children’s language development. MISTIC, in partnership with Headstart, requested $5,000 to make the program available to bilingual families with children who have previously not been able to participate due to program cost.

The proposed project under this grant request is to:

- reach out to families in need via Headstart
- assess the language development of each bilingual child
- utilize thematic sessions which engage children in hands-on learning to expand language development
- provide hands-on experiential education to Texas State Graduate students enrolled in the Bilingual Cognate, Communications Disorders Program
- contribute to scholarly research and publications in the field of communication disorders

Co-Principal Investigator
- Dr. Maria D. Gonzales, PhD – Associate Professor of Communication Disorders

October 2015

Dr. Maria Resendiz, PhD – Assistant Professor of Communication Disorders is the Principal Investigator of Multicultural Intensive Speech-Language Therapy Intervention Clinic (MISTIC) 2016, a Letter of Inquiry (LOI) submitted to the Long Foundation. The Multicultural Intensive Speech-Language Therapy Intervention Clinic (MISTIC) allows for the provision of speech-language assessments and interventions for children, with the ultimate aim of supporting children’s language development. MISTIC, in partnership with Headstart, requested $26,422 to make the program available to bilingual families with children who have previously not been able to participate due to program cost.

The proposed project under this grant request is to:

- reach out to families in need via Headstart
- assess the language development of each bilingual child
- utilize thematic sessions which engage children in hands-on learning to expand language development
- provide hands-on experiential education to Texas State Graduate students enrolled in the Bilingual Cognate, Communications Disorders Program
- contribute to scholarly research and publications in the field of communication disorders

Co-Principal Investigator
- Dr. Maria D. Gonzales, PhD – Associate Professor of Communication Disorders
December 2015

**Dr. Celeste Domsch, PhD, CCC-SLP - Associate Professor CDIS** is the Principal Investigator for *Bobcat CLAWS: Complex Language and Academic Work for Students* a Letter of Intent (LOI) submitted to Impact Austin. The proposal, Bobcat CLAWS (Complex Language and Academic Work for Students) seeks to assess the comprehension and production of complex language in school-age students (5th graders) at Blackshear Elementary. At-risk students will be tested on a variety of complex grammatical structures in English, including infinitive, adverbial, and relative clauses, in both spoken and written contexts. Treatment will target each student's weakest structure, and seek to improve both comprehension and use of that target. The LOI requested $100,000.

**Dr. Maria D. Gonzales, PhD, CCC-SLP - Associate Professor CDIS** – is the Principal Investigator for *Practice It, Read It, Write It, Live It (PRWL): Efficacy of an Intensive Literacy Program* submitted to Texas Speech, Language, Hearing Foundation. The purpose of the study is to determine the efficacy of an intensive literacy program offered four weeks during the summer. Participants will be assessed on five different data points including pre/post-tests using the Gray Silent Reading Test, narrative samples, and questionnaires answered by participants, parents and student clinicians. The proposal requested $5,000.

**Mr. Nicholas Henry MS, RRT-ACCS, RRT-NPS, AE-C, Associate Professor Respiratory Care** – is the Principal Investigator for *Determining Efficacy for the CO2 Sampling Nasal Cannulas in the Presence of Nasal Cycle* submitted to American Respiratory Care Foundation. The proposal requested $15,530.

Co-Principal Investigators
- **Dr. Christopher Russian, Ph.D., RRT-NPS, RPSGT, RST**

January 2016

**Dave Falleur, Med, MT(ASCP) Associate Professor** is the Principal Investigator for Scholarships for Disadvantaged Students in Clinical Laboratory Science submitted to HRSA-SDS. The proposal requested $468,000 for scholarships for disadvantaged students to cover costs such as tuition and fees and reasonable living expenses over 4 years in order to increase the diversity amongst the health professions to be reflective of the U.S. population.

**Dr. Valarie Fleming PhD, CCC-SLP - Associate Professor and Chair CDIS** is the Principal Investigator for Scholarships for Disadvantaged Students in Communication Disorders submitted to HRSA-SDS. The proposal requested $1,200,000 for scholarships for disadvantaged students to cover costs such as tuition and fees and reasonable living expenses over 4 years in order to increase the diversity amongst the health professions to be reflective of the U.S. population.

Co-Principal Investigators
- **Dr. Celeste Domsch, PhD, CCC-SLP - Associate Professor CDIS**
- **Dr. Farzin Irani, PhD, CCC-SLP - Assistant Professor CDIS**
Dr. Lois Stickley, Associate Professor Physical Therapy is the Principal Investigator for Scholarships for Disadvantaged Students in Doctor of Physical Therapy submitted to HRSA-SDS. The proposal requested $2,553,600 for scholarships for disadvantaged students to cover costs such as tuition and fees and reasonable living expenses over 4 years in order to increase the diversity amongst the health professions to be reflective of the U.S. population.

March 2016

Dr. Alex McLeod, PhD, MBA - Assistant Professor Health Information Management (HIM) is the Principal Investigator for EHRsim – Considering Gender and Ethnic Preferences in Gamification of Complex Learning Environments. Submitted to NSF. The awarded funds will promote science, technology engineering and mathematics to women and minorities. To promote these disciplines researchers will explore whether using virtual reality, simulation and gamification can increase the interest of underrepresented groups in STEM fields. Amount requested $49,880.

Co-Principal Investigators
- Dr. David Gibbs, PhD, CHPS, CPHIMS, CISSP – Assistant Professor HIM
- Dr. Barbara Hewitt, PhD – Assistant Professor HIM

May 2016

Dr. Lola Adepoju, PhD, MPH – Assistant Professor Health Administration is the Principal Investigator for Mental Health Status and Changes Healthcare Utilization Following the Affordable Care Act to the Robert Wood Johnson Foundation. The requested funds will examine the impact of the Patient Protection and Affordable Care Act (PPACA) on healthcare utilization patterns by mental health status and assess the effectiveness of current integration models in meeting the needs of persons with mental health conditions. Proposal requested $49,702.

Dr. Valarie Fleming PhD, CCC-SLP - Associate Professor and Chair CDIS is the Principal Investigator for Enhancing the Workforce for Neurorehabilitation Research on Communicatively-impaired Minority Adults: A Pilot Student Research Consortium Project in collaboration with St. John University, New York to the American Speech-Language Hearing Association (ASHA). Project will involve cultural exchange between the two CDIS programs. The requested funds will examine cultural influences on the access and utilization of community and therapeutic services in normal and disordered populations. Total amount requested $10,460.
Ms. Jackie Moczygemba, MBA, RHIA, CCS, FAHIMA - Chair and Associate Professor Health Information Management (HIM) is the Principal Investigator for ME-HIM proposal submitted to the Texas Higher Education Coordinating Board. The awarded funds will link the Department of Health Information Management at Texas State with five community colleges offering Health Information Technology associate degrees and one large hospital system with focus on minority education in the field of health information management. The proposal requested $310,529.13.

Co-Principal Investigator

- Dr. Tianki Wang, PhD – Assistant Professor in Health Information Management (HIM)

Dr. Farzin Irani, PhD, CCC-SLP - Assistant Professor CDIS is the Principal Investigator for a Letter of Inquiry submitted to the Rachael and Ben Vaughan Foundation. The LOI requests $4,300 in support of the Comprehensive Stuttering Therapy Program. CSTP is a specialty therapy program designed for adolescents and adults who stutter. The program offers therapy for up to 5 clients each year. This includes 60 hours of “intensive” therapy over a period of 10 days/2 weeks and 1-hour weekly (fall semester) to bi-weekly (spring semester) follow-up therapy either in person or online.

Dr. Scott Kruse, PhD – Assistant Professor in the School of Health Administration is the Principal Investigator for Health Information Technology Security Awareness: A Mobile Package to Take to Seniors a Letter of Interest (LOI) submitted to the Eugene Washington Patient-Centered Outcomes Research Institute (PCORI) Engagement Awards. The requested funds of $72,402 will outline our concept for developing a mobile module designed to educate seniors and better enable them to protect their sensitive health information.

Co-Principal Investigator

- Dr. Michael Mileski, PhD - Assistant Professor in the School of Health Administration

Dr. Scott Kruse, PhD – Assistant Professor in the School of Health Administration is the Principal Investigator for an application submitted to the Eugene Washington Patient-Centered Outcomes Research Institute (PCORI) Engagement Awards for conference support. The $87,920 of requested funds will provide for attendance at the ACHE conference for 20 students.

Co-Principal Investigator

- Dr. Matthew Brooks, PhD, FACHE, CPH– School Director and Associate Professor Health Administration
July 2016

Dr. Rodney E. Rohde, PhD, MS, SV, SM(ASCP) CMMBCM - Chair & Professor, Clinical Laboratory Science is Principal Investigator for MLS/MT Faculty Shortage submitted to the American Society for Clinical Pathology (ASCP) Laboratory Program Development Grant. The proposal requested $2,500 for survey research to explore the gap in MLS/MT faculty.

Joanna Ellis, MS, MLS(ASCP) - Clinical Assistant Professor & Clinical Coordinator, Clinical Laboratory Science is Principal Investigator for Study Abroad Program submitted to the American Society for Clinical Pathology (ASCP) Laboratory Program Development Grant. The proposal requests $2,500 to develop an Interprofessional Education Program providing clinical experience in an international setting for CLS and other CHP students.

August 2016

Dr. Lola Adepoju, PhD, MPH – Assistant Professor Health Administration is the Principal Investigator for Improving Health Insurance Literacy Among Central Texans submitted a Letter of Inquiry to the Austin Community Foundation Women’s Fund. This project seeks to address low health insurance rates and low primary care utilization rates among Central Texans by measuring health insurance literacy and using this information to co-design (along with women in the community) decision aids to address identified gaps to obtaining health insurance and using primary care. Letter of Inquiry requests $25,000

Dr. Denise Gobert, PT, PhD, NCS, CEEAA – Associate Professor in the Department of Physical Therapy is the Principal Investigator for Pilot Study: Exploring Trunk Stability and Balance in Persons with Neuromuscular Impairments in Response to Instrumented Hippotherapy, a proposal submitted to the Texas Physical Therapy Foundation (TPTF). Project aims to characterize and compare patient responses to a physical therapy protocol with and without a mechanical horse simulator (MHS) to promote trunk stability and balance. The proposal requests $3,000 for a 12-month period.

Co-Principal Investigators
- Dr. Debra McDowell, PT, PhD - PT Clinic Assistant Director
- Ardra Hughes, PT, ScD, SCS, CSCS, COMT, LMT, Sports Medicine & Physical Therapy Clinic of Marble Falls