U.S. ARMY MEDICAL DEPARTMENT CENTER & SCHOOL

U.S. HEALTH READINESS CENTER OF EXCELLENCE

GRADUATE SCHOOL SCHOLARY ACTIVITY REPORT

FY15

1. The following is a summary report of all scholarly activity produced by the graduate faculty from the Academy of Health Sciences Graduate School:

   A. Publications (Journals/Book Chapters): 87
   B. Published Abstracts: 34
   C. Platform Presentations: 48
   D. Poster Presentations: 68
   E. Grant Funding Awarded: $7,619,545.00
   F. Invited Lectures: 43
   G. Academic/Research Awards: 39

2. This report covers both the campus-based and hospital-based programs.

3. The following pages provide program details for the summary report.

4. POC for the FY15 Scholarly Activity Report is COL Scott Shaffer.
US Army Graduate Program in Anesthesia Nursing

A. Publications:


3. Benham B, Hawley, D. The effectiveness of tools used to evaluate successful critical decision making skills for applicants to healthcare graduate educational programs: A systematic review. The JBI Database of Systematic Reviews and Implementation Reports. 2015; 13(4), 231-275.


C. Published Abstracts:


2. Benham B. How Do We Choose? A Meta-Analysis of Tools to Evaluate Graduate Applicant Success, TriService Nursing Research Program’s Research and Evidence-Based Practice Dissemination Course, San Antonio, Texas, 31 August - 3 September 2015.


6. Froehle J. Effect Humeral IO vs. Tibial IO vs. IV Epinephrine on ROSC, TriService Nursing Research Program’s Research and Evidence-Based Practice Dissemination Course, San Antonio, Texas, 31 August - 3 September 2015.
7. Golder J. Investigation of the Antidepressant Effects of Curcumin, a Compound from Curcuma longa or Turmeric, in the Adult Male Sprague-Dawley Rat, TriService Nursing Research Program’s Research and Evidence-Based Practice Dissemination Course, San Antonio, Texas, 31 August - 3 September 2015.

8. Greiner S. Perioperative Care Providers Consensus on Adult Emergence Delirium, TriService Nursing Research Program’s Research and Evidence-Based Practice Dissemination Course, San Antonio, Texas, 31 August - 3 September 2015.


10. Kelley J. Investigation of the Anxiolytic Effects of Curcumin, a Compound from Curcuma longa or Turmeric, in the Adult Male Sprague-Dawley Rat, TriService Nursing Research Program’s Research and Evidence-Based Practice Dissemination Course, San Antonio, Texas, 31 August - 3 September 2015.


12. Long R, Aroniadou-Anderjaska V, Prager E, Capacchione J, Pidoplichko V, Braga M. Impaired spatial memory after repeated isoflurane anesthesia is associated with increased GABAergic activity and impaired synaptic plasticity in the hippocampus. Research Days, USUHS, Bethesda, MD 12 – 14 May 2015.

13. Lowe R. Effect of IO Tibial vs. IV Vasopressin on Kinetics and ROSC in Hypovolemic Model, TriService Nursing Research Program’s Research and Evidence-Based Practice Dissemination Course, San Antonio, Texas, 31 August - 3 September 2015.


16. Reggio M. Pharmacokinetics of Epinephrine Administered by Tibial Intraosseous vs. Intravenous and the Effects on Return of Spontaneous Circulation in a Cardiac Arrest Porcine Model, TriService Nursing Research Program’s Research and Evidence-Based Practice Dissemination Course, San Antonio, Texas, 31 August - 3 September 2015.


D. Platform Presentations:


8. Froehle J. Effect Humeral IO vs. Tibial IO vs. IV Epinephrine on ROSC, TriService Nursing Research Program’s Research and Evidence-Based Practice Dissemination Course, San Antonio, Texas, 31 August - 3 September 2015.

10. Golder J. Investigation of the Antidepressant Effects of Curcumin, a Compound from Curcuma longa or Turmeric, in the Adult Male Sprague-Dawley Rat, TriService Nursing Research Program’s Research and Evidence-Based Practice Dissemination Course, San Antonio, Texas, 31 August - 3 September 2015.

11. Greiner S. Perioperative Care Providers Consensus on Adult Emergence Delirium, TriService Nursing Research Program’s Research and Evidence-Based Practice Dissemination Course, San Antonio, Texas, 31 August - 3 September 2015.


15. Kelley J. Investigation of the Anxiolytic Effects of Curcumin, a Compound from Curcuma longa or Turmeric, in the Adult Male Sprague-Dawley Rat, TriService Nursing Research Program’s Research and Evidence-Based Practice Dissemination Course, San Antonio, Texas, 31 August - 3 September 2015.


17. Lowe R. Effect of IO Tibial vs. IV Vasopressin on Kinetics and ROSC in Hypovolemic Model, TriService Nursing Research Program’s Research and Evidence-Based Practice Dissemination Course, San Antonio, Texas, 31 August - 3 September 2015.


21. Reggio M. Pharmacokinetics of Epinephrine Administered by Tibial Intraosseous vs. Intravenous and the Effects on Return of Spontaneous Circulation in a Cardiac Arrest Porcine Model, TriService Nursing Research Program’s Research and Evidence-Based Practice Dissemination Course, San Antonio, Texas, 31 August - 3 September 2015.


23. Sikes D. Thromboelastography (TEG): Utilization and Interpretation in the Operating Room Environment, Department of Obstetrics and Gynecology Grand Rounds, MAMC.


E. Poster Presentations:


2. Benham B, Hawley D. The effectiveness of tools used to evaluate critical decision making skills for applicants to graduate healthcare programs: A systematic review, 4th Annual Academy of Health


9. Burgert, J. and Johnson, D. Effects of Proximal and Distal Intraosseous Routes of Epinephrine Infusion on Survival of Ventricular Fibrillation, has been accepted as a poster presentation at the 2015 AMSUS Annual Continuing Education Meeting, San Antonio, Texas, 1-4 December 2015.


15. Froehle J. Effect Humeral IO vs. Tibial IO vs. IV Epinephrine on ROSC, TriService Nursing Research Program’s Research and Evidence-Based Practice Dissemination Course, San Antonio, Texas, 31 August - 3 September 2015.

16. Golder J. Investigation of the Antidepressant Effects of Curcumin, a Compound from Curcuma longa or Turmeric, in the Adult Male Sprague-Dawley Rat, TriService Nursing Research Program’s Research and Evidence-Based Practice Dissemination Course, San Antonio, Texas, 31 August - 3 September 2015.

17. Greiner S. Perioperative Care Providers Consensus on Adult Emergence Delirium, TriService Nursing Research Program’s Research and Evidence-Based Practice Dissemination Course, San Antonio, Texas, 31 August - 3 September 2015.


24. Kelley J. Investigation of the Anxiolytic Effects of Curcumin, a Compound from Curcuma longa or Turmeric, in the Adult Male Sprague-Dawley Rat, TriService Nursing Research Program’s Research and Evidence-Based Practice Dissemination Course, San Antonio, Texas, 31 August - 3 September 2015.


27. Lowe R. Effect of IO Tibial vs. IV Vasopressin on Kinetics and ROSC in Hypovolemic Model, TriService Nursing Research Program’s Research and Evidence-Based Practice Dissemination Course, San Antonio, Texas, 31 August - 3 September 2015.


32. Reggio M. Pharmacokinetics of Epinephrine Administered by Tibial Intraosseous vs. Intravenous and the Effects on Return of Spontaneous Circulation in a Cardiac Arrest Porcine Model, TriService Nursing Research Program’s Research and Evidence-Based Practice Dissemination Course, San Antonio, Texas, 31 August - 3 September 2015.


F. Grant Funding Awarded: (Total: $2,273,416.00)


2. Johnson, D., Loughren, M; Burgert, J; Gegel, B. Effects of Different Routes of Administration of Vasopressin, (2013-present) TriService Nursing Research Program ($500,000).


6. Johnson, D. received $171,800 additional TriService Nursing Research Program funds to evaluate the "Effects of Intraosseous Administration of Amiodarone on Kinetics and Return to Spontaneous Circulation."

7. Burgert, J., Johnson, D., Gegel, N. Effects of Intraosseous Epinephrine on Resuscitation and Survival in a Swine Model of Cardiac Arrest, AANA Foundation Fellowship Grant ($40,000).

G. Invited Lectures:


5. Budinich C. Obtaining intravenous access: Tips and Tricks, DDEAMC Medical Surgical Floor (9 East).

6. Ceremuga was the keynote speaker for the first USAGPAN Doctor of Nursing Practice (DNP) class graduation at David Grant Air Force Medical Center, Travis Air Force Base, CA, 19 June 2015.

7. Coyner J, Adams T, Kertes S, Benham B, and five USAGPAN officers participated in the Graduate School simulation demonstration provided for LTG Horoho and fifteen civilian aids to the Secretary of the Army, , Willis Hall, AMEDDC&S, HRCOE, 17 June 2015.


18. Leger S, Effects of Intraosseous and Intravenous Administration of Hextend® on Time of Administration and Hemodynamics in a Swine Model, TAMC Anesthesia Department, 18 August 2015.


24. Reggio M. Pharmacokinetics of Epinephrine Administered by Tibial Intraosseous vs. Intravenous and the Effects on Return of Spontaneous Circulation in a Cardiac Arrest Porcine Model, SAMMC, 27 August 2015.

25. Valdivieso D. Evaluation of the Anxiolytic Effects of Asiatic Acid, a Compound from Gotu Kola or Centella asiatica, in the Male Sprague Dawley Rat, SAMMC, 27 August 2015.

H. Academic or Research Awards:


2. Buonora JE. Development of a Traumatic Brain Injury Assessment Score Using Novel Biomarkers Discovered Through Autoimmune Profiling, was selected as a model example of a poster abstract by the AANA Foundation.

3. Burgert J, received a $1000.00 AANA Foundation scholarship for travel to present his research findings, Effect of IV vs. IO Epinephrine on ROSC, at the State of the Science, Nurse Anesthesia Annual Congress, Salt Lake City, UT, Monday, 31 August 2015.


5. Chalenor, Madeline, Phase 2 Assistant Director WBAMC, graduated with her DNP. She also retired from the USAR with 30 years of service, February 1, 2015.

6. Costello K, received a $1000.00 AANA Foundation scholarship for travel to present his research findings, Effects of ResQPod on Kinetics of Vasopressin, at the State of the Science, Nurse Anesthesia Annual Congress, Salt Lake City, UT, Monday, 31 August 2015.

7. CPT Donald Vallier, AANA College Bowl Team Champion, AANA Nurse Anesthesia Annual Congress in Salt Lake City, 31 August 2015.

8. CPT Donald Vallier, SRNA at WBAMC Phase 2 and MAJ Buonora, PhD, CRNA, et al. selected as the best poster at the AANA Congress in Salt Lake City, 31 August 2015.

9. CPT Donald Vallier, SRNA at WBAMC Phase 2, was selected as a student member of the 2015 AANA Anesthesia College Bowl, an academic competition at the AANA Nurse Anesthesia Annual Congress in Salt Lake City, 31 August 2015.

10. Criss, J, was a finalist for his poster, Investigation of the Antidepressant Effects of Asiatic Acid, a Compound from Gotu kola or Centella asiatica, in the Male Sprague-Dawley Rat, at the 2015 "State of the Science" General Poster Session Contest at the 2015 AANA Annual Congress, in Salt Lake City, UT August 28 to 1 September 2015.

11. Dr. Don Johnson, Col (ret) USAFR, NC was acknowledged and spotlighted by TriService Nursing Research Program as the Researcher of the Fall 2014.

12. Dr. Don Johnson, member of the Board of Directors for TCS University, attended a Board of Trustees Meeting in Pasadena, California Thursday and Friday February 19-20, 2015.
13. Dr. Steve Alves, CRNA, FNAP, Clinical Professor, Nurse Anesthesia Program Director of Northeastern University (USAGPAN University Affiliate), Project Director USAGPAN was selected as the Program Director of the Year by the AANA. He will receive this award at the AANA Congress in Salt Lake City, 29 August 2015.

14. Dr. Tomás Eduardo Ceremuga (AHS) was selected AMEDDC&S Civilian Employee of the Year Award for Calendar Year 2014 within the GS-14 and above categories; and all Supervisors and Managers.

15. Dr. Tomás Eduardo Ceremuga, CRNA, Professor USAGPAN, was selected as the Didactic Instructor of the Year by the AANA. He will receive this award at the AANA Congress in Salt Lake City, 29 August 2015.

16. Fabich R, received a $1000.00 AANA Foundation scholarship for travel to present his research findings, Comparison of Resuscitative Protocols Using Lipid Emulsion for Wellbutrin Overdose in a Swine Model, at the State of the Science, Nurse Anesthesia Annual Congress, Salt Lake City, UT, Monday, 31 August 2015.


18. Leger S, received a $1000.00 AANA Foundation scholarship for travel to present her research findings, Effects of Intraosseous and Intravenous Administration of Hextend® on Time of Administration and Hemodynamics in a Swine Model, at the State of the Science, Nurse Anesthesia Annual Congress, Salt Lake City, UT, Monday, 31 August 2015.

19. Lt Col Shawna Greiner completed her dissertation, Adult Emergence Delirium Delphi: Obtaining Perioperative Care Provider Consensus, to be submitted to for publication via ProQuest.

20. LT Justin Scott Fulkerson MSN, ACNP-BC, CCRN CEN, has been appointed to serve on the 2015 Emergency Nurses Association (ENA) ADVANCED PRACTICE NURSING IN EMERGENCY CARE COMMITTEE.

21. MAJ John Buonora was prominently featured in the March – April 2015 Army Nurse Corps Newsletter for his brilliant research that developed a traumatic brain injury assessment score that is based upon definitive measures of circulating proteins (biomarkers) and provides an objective assessment of mTBI that is easily standardized across clinical settings.


23. MAJ John Buonora, PhD, CRNA has personally been invited to submit his original research data and manuscripts to the following journals: Metabolomics, Jacobs Journal of Biomarkers (JJB), and International Journal of Neural Science and Brain Research (IJNSBR).

25. Penaranda C, VA Student Registered Nurse Anesthetist received the Association of Veterans Affairs Nurse Anesthetist Leadership Project for SRNAs Scholarship. He will be traveling to Washington, D.C. to attend the AANA Mid-Year Assembly to receive the award.

26. Saenz C, received a $1000.00 AANA Foundation scholarship for travel to present her research findings, The Effects of Tibial Intraosseous vs. Intravenous Administration of Vasopressin on Return of Spontaneous Circulation and Kinetics in a Cardiac Arrest Porcine Model, at the State of the Science, Nurse Anesthesia Annual Congress, Salt Lake City, UT, Monday, 31 August 2015.

27. Valdivieso D, received a $1000.00 AANA Foundation scholarship for travel to present her research findings, Evaluation of the Anxiolytic and Antidepressant Effects of Asiatic Acid, a Compound from Gotu Kola or Centella asiatica, in the Male Sprague Dawley Rat, at the State of the Science, Nurse Anesthesia Annual Congress, Salt Lake City, UT, Monday, 31 August 2015.

28. Vanderhoek L, received a $1000.00 AANA Foundation scholarship for travel to present her research findings, Effects of Sternal IO vs IV Hextend on Hemodynamics, at the State of the Science, Nurse Anesthesia Annual Congress, Salt Lake City, UT, Monday, 31 August 2015.

II. US Army-Baylor University Doctoral Program in Physical Therapy

A. Publications:


B. Published Abstracts

Physical Therapy Program, US Army-Baylor University Doctoral Physical Therapy Program, University of Utah, Salt Lake City, UT.

2. Croy T, Orate D, Beers L, Brewer C, Gebauer K, Pecko M, Scott K, Tragord B, Sutlive TG. Ultrasound Imaging of the Ankle Syndesmosis: Evidence of Tibiofibular Widening During Clinical Examination. (publication pending; accepted for poster presentation at APTA CSM in 2016)


6. Sutlive, T; Golden, A; Harm, K; Morris, W; Morrison, J; Moore, J; Koppenhaver, S. Effects of Trigger Point Dry Needling on Pain and Disability in Individuals with Patellofemoral Pain Syndrome. Journal of Orthopaedic & Sports Physical Therapy. 2015; 45(1) A39


14. Young BA, Dondoyano RM, Baumann, K, Wolff A, Scheirer VF, Sutlive TG, Koppenhaver S, Elliott JM. Ultrasound shear wave elastography imaging of the deep cervical extensor muscles in individuals without spinal pain. (publication pending; accepted for platform presentation at APTA CSM in 2016)

C. Platform Presentations


2. Koppenhaver, S, Sutlive, T; Golden, A; Harm, K; Morris, W; Morrison, J; Moore, J. Effects of Trigger Point Dry Needling on Pain and Disability in Individuals with Patellofemoral Pain Syndrome. APTA Combined Sections Meeting, Indianapolis, IN, Feb 2015. (Platform Presentation)


D. Poster Presentations


14. Thelen MD, Koppenhaver S, Hoppes CW. A Novel Return to Duty Screening Tool for Military Clinicians. APTA Combined Sections Meeting, Indianapolis, IN, Feb 2015. (Poster Presentation)


E. Grant Funding Awarded (Total $5,155,311)


3. Shaffer, S., Lester, M. 2016 Army Advanced Medical Technology Initiative (AAMTI) Grant. Community based measurement of instability and exposure in persons with postural instability. $248,700.00


5. Lester, M. 2016 Army Advanced Medical Technology Initiative (AAMTI) Grant. Feasibility of a Clinically Oriented, 360 Degree Camera Array Produced Virtual Environment. $244,960.00


11. Lester, M. 2015 Army Advanced Medical Technology Initiative (AAMTI) Grant. Feasibility of Accelerometry to Discriminate Alterations in Postural Control Following Vestibular Insult. $212,500.00


F. Invited Lecture:


2. Koppenhaver, S

   a) AMEDD Graduate School Research & Human Protections: Army Human Protections Office (AHRPO) Educational Summit, West Point, NY 9 Sep [1 hour]

   b) Advanced Dry Needling Course, West Point, NY 18-19 Feb [16 hours]

   c) Statistical Overview for Injury Prevention Research: SP Corps Mary Lipscomb Hamrick Research Course, San Antonio, TX 8 Mar [1 hour]

   d) Basic Statistical Overview: SP Corps Mary Lipscomb Hamrick Research Course, San Antonio, TX 7 Mar [1 hour]

   e) Introduction to and Current Evidence on Dry Needling: University of Texas San Antonio Health Science Center Physical Therapy, San Antonio, TX 3 Mar [3.5 hours]


G. Academic or Research Awards:

1. Croy, T

   a. COL Mary Lipscomb-Hamrick Army Medical Specialist Corps New Horizon Research Award, April, 2015.

2. Koppenhaver, S

   a. Army Medical Specialist Corps Lifetime Achievement Research Award

   b. COL David Greathouse Research Award for Best Abstract

III. Army-Baylor Graduate Program in Health & Business Administration

A. Publications:


B. Published Abstracts

1. None

C. Platform Presentations


D. Poster Presentations


E. Grant Funding Awarded ($20,000 total)

1. Blue Cross Blue Shield of Michigan CQI Funding (Sexton, Investigator, David Miller, PI) Michigan Urological Surgery Improvement Collaborative. Implementation of Evidence Based Practice within MUSIC. This is a multi-methods study (ethnography, semi-structured interviews, survey) of a urology collaborative comprised of 154 physicians across 32 urology practices. The formative evaluation for this project assessed the facilitators and barriers related to the implementation of evidence based practice (bone and CT scans for staging prostate cancer patients). Project period 12/2013 to 06/2015. ($10,000 total)

2. Hospira Inc. Research Grant (Lemak and Sexton, Co-PIs) National Center for Healthcare Leadership. Women in Healthcare Leadership. This is a qualitative research project studying the career inflection points of women who successfully ascended to a hospital CEO position. This research also focused on the perceived organizational and environmental factors affecting the career of the female executives in the study. Project period 06/2012 to 06/2015. ($10,000 total)

F. Invited Lecture:


8. Zucker, K. W., Tools (the Army-Baylor Decision-Making Methods) for Analyzing Ethical Problem Scenarios, 55th Annual Meeting of the American College of Legal Medicine, Las Vegas, NV, 2015 (IL*)

G. Academic or Research Awards:

1. Johnson, L

2. Kim, F
   a. Honorable Mention, Outstanding Research Accomplishment/Team/Academic, Military Health System Research Symposium

3. Peacock, T
   a. Finalist, Palgrave Macmillan and AJBS Best Paper Award

3. Sexton, D
   a. Best Research Poster, 6th Annual Research Day, Univ. of Texas Health Science Center (2015)

4. Weigel, F.K
   a. Instructor of the Year: Army-Baylor University Graduate Program in Health and Business Administration, 2015
   b. Distinguished Faculty Service Award: Army-Baylor University Graduate Program in Health and Business Administration, 2015

IV. Army-Master of Social Work Program

A. Publications:


B. Published Abstracts:
1. None

C. Platform Presentations:

D. Poster Presentations:
1. None

E. Grant Funding Awarded:
1. None

F. Invited Lecture:

V. Interservice Physician Assistant Program

A. Publications:

2. Harrison, R.S. Four Pillars of the PA Profession, Chapter of Army PA Profession, Borden Books (Pending Publication 2016)

3. Harrison, R.S. The Interservice Physician Assistant Program (IPAP): Education Quantity and Quality (Pending Publication December 2105)


B. Published Abstracts:
1. None

C. Platform Presentations:
1. None

D. Poster Presentations:
1. None

E. Grant Funding Awarded:
1. None

F. Invited Lecture:
1. Blalack, P.M. Air Force PA CME Conference, 2015 (Infertility for the Primary Care Provider)
4. Harrison, R.S. Air Force PA CME Conference, 2015 (The Latest on PA Certification from NCCPA)
5. Perry, R.W. Air Force PA CME Conference, 2015 (Sexually Transmitted Disease Update)
6. Moss, L.D. Air Force PA CME Conference, 2015 (I have a headache!)
7. Perry, R.W. Army-Baylor DPT Program, 2015 (Genitourinary & Dermatology lectures)
8. Perry, R.W. New Braunfels High School, 2015 (Suture Workshop for Health Occupations course)
11. Rosser, S.L. Basic Point-of-Care and Advanced Care. SOMA, Tampa FL (Dec 2014)

G. Academic or Research Awards:
1. None
VI. US Military Graduate Program in Nutrition

A. Publications:


B. Published Abstracts

1. None

C. Platform Presentations:

1. None

D. Poster Presentations


E. Grant Funding Awarded:

1. None

F. Invited Lecture:

1. None

G. Academic or Research Awards:


H. Academic or Research Awards:

1. None

Hospital Based Programs

VII. Doctorate in Physical Therapy (Orthopedic Manual Therapy)

A. Publications:

B. Published Abstracts:

1. None

C. Platform Presentations:

1. None

D. Poster Presentations:

1. None

E. Grant Funding Awarded:

1. None

F. Invited Lecture:

1. None

G. Academic or Research Awards:

1. None

VIII. Doctorate in Physical Therapy (Sports Medicine)

A. Publications:


B. Published Abstracts

1. None

C. Platform Presentations:
1. None

D. Poster Presentations:

1. None

E. Grant Funding Awarded: ($170,818 total)


F. Invited Lecture:


G. Academic or Research Awards:

1. None

IX. Doctorate in Occupational Therapy

A. Publications:


B. Published Abstracts

1. None

C. Platform Presentations:

1. None

D. Poster Presentations:

1. Military Health System Research Symposium, Fort Lauderdale, FL, 17-20 August 2015

   a. “Effects of an Occupational Therapy Hand Dominance Transfer Intervention on the M16 Shooting Accuracy and Efficiency of Soldiers with Crossed Hand-Eye Dominance”
b. “Musculoskeletal Injury Reporting of Army Medical Command (MEDCOM) Personnel”


E. Grant Funding Awarded:

1. None

F. Invited Lecture:


   a. “Clinical Examination of the Hand”

   b. Rehabilitation for the Wounded Warriors.

   c. Return to Participation Following Trauma: One-handedness and Hand-dominance Retraining

2. Masters in Occupational Therapy Graduation, UT Health Science Center, Keynote Address: Making Your Mark! San Antonio, TX, December 13, 2014

3. Academy of Health Sciences Graduate School 4th Annual Research Day. Breakout Session: Writing and Submitting the Manuscript. Fort Sam Houston, TX, December 10, 2014

G. Academic or Research Awards:

4. Yancosek, KE. The COL Mary Lipscomb Hamrick SP Corps Research Award

X. Doctorate in Physician Assistant Studies

A. Publications:


B. Published Abstracts

1. None
C. Platform Presentations:

1. Holland, Acute Abdomen; Air Force Physician Assistant Refresher Course, JBSA Lackland, TX Mar 2015

D. Poster Presentations:


E. Grant Funding Awarded:

1. None

F. Invited Lecture:


2. Bonjour, Objectives, Obstacles, and Opportunities, Univ of Texas Health Sciences Center, December 2014, San Antonio, TX

3. Curtis, “POI Initiatives: Update on Combat Casualty Care.” Invited lecture. CRDAMC. Trauma Symposium, Fort Hood TX, March 201


6. Rivera, K. Correlation between femoral neck-shaft angle and development of a femoral neck stress fracture and surgical management (Associate Investigator)

7. Rivera, K. Inter- and Intra-observer Reliability Among Members of an Orthopaedic Surgery Residency in Assessment of Common Short-Arm Cast Radiographic Indices (Associate Investigator)

G. Academic or Research Awards:

1. Bonjour, 2015 AAPA Federal Services PA of the Year Award