

AAPA 2018 ePoster Meet the Author Schedule

Saturday, May 19 from 12:00 to 12:55

(eP155) Success of Physician Assistant Students Entering through a Structured Pre-Professional Program: Eleven Years of Experience by Johanna D'Addario, MHS, PA-C; Brennan Bowker, MHS, PA-C, CPAAPA; Adrien Chan, Nicole Gacsi, Heather Howe, Cailey Johnson, Emily Kennington

Education Gallery: Physician Assistant programs offering a pre-professional phase may be met with skepticism due to students starting PA school at a young age. Our study provides data that supports the success of PA students entering through a pre-professional program compared to traditional PA applicants.

(eP219) Interprofessional Education Activity Days - Offering Something for Everyone by Laura Gerstner, MHA, MSHS, PA-C; Betty Lynne W. Johnson, MEd, PA-C; Marisa Vaskalis, BS; David Coniglio, EdD, PA-C

Education Gallery: College faculty and staff were asked to create interactive activities based on their interests, with each activity designed for an interprofessional group of students. More than thirty different IPE activities were developed. Students signed up for one activity for each of the two activity days.

(eP195) A unique multidisciplinary approach to teaching the business of medicine by Sobia Hussaini, MHA; Zachary Hartsell, MPAS, PA-C; Carol Hildebrandt

Education Gallery: This presentation highlights a unique survey course on healthcare management offered jointly by a business school, a PA program, and an academic medical center designed to prepare graduate business and PA students to operate in a dynamic healthcare marketplace.

(eP190) Naloxone Training: Lifesaving Education for PA Students by Tara Igneri, MS, PA-C; Michael Rota, MS, PA-C; Nora Lowy, PhD, MPA, PA-C

Education Gallery: The purpose was to determine if naloxone training programs would change PA students' knowledge/behavior, helping save lives. Health seminars focused on lifesaving treatment were found to be effective in increasing knowledge/confidence, making PA students more likely to intervene during an overdose.

(eP166) Assessing the impact of PA programs in established medical institutions by Elana Min, PhD, PA-C; Michael J. MacLean, MS, PA-C; Lisa Williams, MS, APN-CNS, AACRN; Jennifer M. Orozco, MMS, PA-C

Education Gallery: Understanding the potential impact a PA program may have on its medical institution is of importance for not only established programs but also for those considering starting programs. This study evaluated data such as employment and site utilization of PAs in medical institutions with PA programs

(eP153) First Collaboration by U.S. Army/ Baylor DSc PA Program and SP Corps Research Course Maximizes Attendance, Improves Knowledge and Self-Efficacy by Amelia Duran-Stanton, PA-C, PhD, DSc, MPAS; Renee E. Cole, PhD, RDN, LD

Education Gallery: This was the first iteration at optimizing research course resources by hosting the existing in-person and satellite platforms in conjunction with the Doctor of Science in Physician Assistant Studies research course. This program evaluation assessed self-efficacy and knowledge of the students.

(eP133) The Effects of Education on Adolescent's Perception Toward Marijuana Usage by Benjamin Thomas, Thomas Grimaldi, Gabrielle Davis, Victoria Rodriguez, Amanda Buck, April Lee, **Gail Tiburzi**, Siara Kolpon

Education Gallery: Targeting the adolescent population, may improve knowledge and perception of marijuana thereby decreasing future use. Our goal is to determine the most effective approach for clinicians to educate the adolescent population in hopes of helping adolescents avoid adverse outcomes.

(eP125) Physician Assistant students' perceptions of knowledge, skills, attitudes, encounters, awareness and abilities regarding cultural competency by Erin Sherer, MS, PA-C, RD

Education Gallery: A survey of PA students found the majority feel well-prepared or moderately prepared in regards to cultural competency training. However; students rated their attitudes, awareness and abilities higher than their knowledge, encounters and skills. This indicates training can still be improved upon.

Saturday, May 19 from 1:00 to 1:55

(eP309) Implementation of a Case-Based IPE Curriculum that Teaches Social Determinants & Geriatric Population Health by Cheri Kelly, PA-C, MS; Sharon Smaga, MD; Elaine Jurkowski, PhD, MSW; Ruth Heitkamp, RN, MSPH

Education Gallery: The goals of this project were to develop and implement an Inter-Professional Educational (IPE) curriculum geared toward learning geriatric population health issues and related social determinants of health.

(eP283) The Obesity Epidemic: Education and the Role of the Physician Assistant by Nicolle Finn, PA-S; Jocelyn Hook, MSPAS, PA-C

Education Gallery: The purpose of this ongoing project is to recognize the obesity epidemic and educate PAs on their knowledge of the role they have in treating this condition. This study included a pre-and-post survey. The success depends on an anticipated increase in knowledge after the study is completed.

(eP270) Addressing the opioid epidemic: integration of opioid prescribing education and medication-assisted treatment into the physician assistant curriculum by Tia Solh, MSPAS, PA-C; Sheena D. Brown-Waller, PhD, MSCR

Education Gallery: The purpose of this study was to enhance the curriculum by incorporating a lecture series on opioid use disorder followed by standardized patient examinations (SPE), and assess the effectiveness of this on students' perceived confidence in their ability to evaluate these patients.

(eP261) Do We Need To Introduce Ultrasound Training To Our Future PAs? by Theresa Ramos, MSPAS, PA-C; Elizabeth S. Evans, PhD

Education Gallery: Do we need to introduce ultrasound training to our future PAs and which is better a computer based software or mobile beside ultrasound machine?

(eP248) The medical competence and career benefits following completion of an emergency medicine postgraduate program. by Amy Dunn, PA-S; Connor Venes, PA-S; Josh Knox, PA-C

Education Gallery: Many PAs require additional specialized training after completing their basic education. This study seeks to determine if there is a difference in medical knowledge and procedural competency between those PAs who have and those who have not completed an emergency medicine postgraduate program.

(eP244) Improving the Lives of Children with Disabilities in Zambia by Donna DeGarcia, MPAS, PA-C; Mary Hearst, MPH, PhD; Renee Hepperlen, PhD, LICSW; Jennifer Biggs Miller, PT, PhD, CWS; Elizabeth Mushinda, Dip RN, BSClinical Gallery: Nursing, MPH; Esther Ngulube Chileshe, Dip Law, B.A. ED; Paula Rabaey, PhD, OTR/L

Workforce Gallery: An inter-professional health care team from the United States is working closely with Catholic Medical Mission Board in Zambia to design a training program for community health workers to build community capacity and improve the lives of children with disabilities in resource poor communities.

(eP227) Bridging the post- graduation educational gap: A 12- month curriculum for physician assistants entering Pediatric Emergency Medicine by Susannah Jenkins, PA-C; Deena, MD, MPH

Education Gallery: As of December 2017, no formal post-graduate education exists to train the Pediatric Emergency PA. A 32-month evidenced-based curriculum, coupled with physician mentoring, was designed to train clinically competent PAs, capable of independent practice in a high volume, high acuity setting.

(eP97) Improving mental health literacy in the community through implementation of a student-delivered mental health curriculum by Jennifer Forbes, MHS, PA-C; Jared Papa, MPAS, PA-C; Glenda Carr, Pharm D; Talia Sierra, MPAS, PA-C

Education Gallery: PA program faculty address health disparities by implementing a student-delivered mental health curriculum at community health screenings. Results show an improvement in the knowledge and attitudes regarding mental health by both community participants and students delivering the curriculum.

Sunday, May 20 from 12:00 to 12:55

(eP250) Motivational Interviewing to Improve Clinical Outcomes (MIICO) in an Inner-City Clinic: by Krystal Stewart, PA-S; **Kenneth R. Butler, PhD**; Anna L. Lovett, MD

Clinical Gallery: Motivational interviewing (MI) has been shown to be a cost-effective intervention to help with positive behavior changes and leading to possible changes in clinical outcomes (CO). A retrospective chart review looked at an inner-city mission clinic where MI is used in routine visits to evaluate CO.

(eP191) What services can a patient expect to receive from an Urgent Care Center? by **David Jackson, DHSc, PA-C, DFAAPA**; Cristin Ciaravino, PA-S; Katie Fagnoli, PA-S; Matthew Stapelkamp, PA-S; Preston Yu, PA-S

Clinical Gallery: Urgent care centers are becoming an increasingly popular venue for individuals to receive care. A better understanding of the medical management and treatment options that can be provided by them is need by providers and patients alike to make the best decisions about where to receive healthcare.

(eP161) The Correlation Between Emergency Department Boarding and Outcomes of Patients Diagnosed with Sepsis by Zana Rashed, PA-S; Roshan Mathew, PA-S; Medina Ardolic, PA-S; Elena Vurmo, PA-S; Veronica Kram, PA-S; **Robert Marchese, MS, PA-C**; Nora Lowy, PhD, MPA, PA-C

Clinical Gallery: When hospitals get overcrowded, ED's hold admitted patients for a longer period of time. Congestion limits access to medical services, thus leading to poor patient outcomes. The primary purpose is to research the correlation between ED boarding times and outcomes of patients diagnosed with sepsis.

(eP160) Coagulation Studies as Predictors of Management and Outcome Within Pregnancy by Madison Greif, PA-S; Alexi Alikakos, PA-S; Cynthia Woolley, PA-S; Corinne Stackpole, PA-S; Michele Ikone, PA-S; **Tara Igneri, PA-C**

Clinical Gallery: This study evaluates if there is a need to order coagulation studies in the Emergency Department and if the outcome of the values changes the course of management for the Physician. Also, the study will determine if abnormal coagulation lab values will predict adverse outcomes in pregnancy.

(eP137) Are New York State High School Football Coaches Adequately Recognizing and Managing the Signs and Symptoms of Concussion? by **David Jackson, DHSc, PA-C**; Kaitlin Allsop, PA-S; Katherine Kraus, PA-S; Jillian Picinich, PA-S; Margaret VanLandingham, PA-S

Clinical Gallery: Nearly 4 million concussions occur in the U.S. annually from sports. Among high school athletes, football players sustain the highest number of concussions. Being able to recognize the signs and symptoms of concussion helps protect athletes from further injury and complications.

(eP110) The 1918 Spanish Flu, where are we 100 years later? by **David Jackson, DHSc, PA-C**; Devon Abele, PA-S; Meghan Leusch, PA-S; Angelee Nuce, PA-S; Ariana Philbin, PA-S

Clinical Gallery: Influenza, a largely preventable source of morbidity and mortality, is a significant financial burden to the US economy. As of 2010, the Centers for Disease Control and Prevention (CDC) recommend vaccination for those six-months and older.

(eP109) A Woman's Choice of Contraception: What Really Matters? by **David Jackson, DHSc, PA-C**; Kayla M. Alogna, PA-S; Victoria L. Caputo, PA-S; Michael A. Esposito, PA-S; Kiriaki Fotiadis, PA-S; Raeanne M. Quaresma, PA-S

Clinical Gallery: Women utilize contraception for medical reasons, pregnancy prevention, and STI prevention. In 2011, almost half of the pregnancies in the US were unintended. According to the Centers for Disease Control and Prevention, there are nearly 20 million new STIs annually in the US.

(eP277) Discover the 'Why' and They Will Adhere to 'How': Provider Attributes that Influence Type 2 Diabetes Adherence by Yolonda Freeman-Hildreth, PA-C; Phil Cola, Ph.D; Yunmei Wang, PhD

Workforce Gallery: This research examines provider attributes influencing Type 2 Diabetes (T2D) diabetes adherence. We conducted a quantitative study, sampling 474 T2DM using an online survey. We found coping positively influenced self-management and treatment satisfaction via provider compassion and optimism.

Sunday, May 20 from 1:00 to 1:55

(eP61) CPAP Compliance Surveillance in Soldiers with Obstructive Sleep Apnea in the U.S. Army by Brandon Carius, MPAS, PA-C; Amelia M. Duran-Stanton, PhD, DSc, MPAS, PA-C

Clinical Gallery: Increasing OSA rates require greater clinician understanding of therapy options and thorough follow-up. This study reveals poor CPAP compliance in a U.S. Army unit, increased comorbidity rates in non-compliant Soldiers, and explains alternative therapy regimens for best outcomes with OSA patients.

(eP317) Brugada Syndrome in a Migrant Farmworker: A Case Report by Katharine Patrick, PAS-2; Tia Solh, MSPAS, PA-C

Clinical Gallery: A case report of Brugada syndrome in 46-year-old Haitian male who presents to a mobile migrant farmworker medical clinic in rural Georgia with complaints of chest pain (CP) with associated palpitations for the past year.

(eP311) Why Neurogenic Thoracic Outlet Syndrome is a real condition? by Shira Mohammed, PA-C; Ying Wei Lum, MD

Clinical Gallery: The purpose of this study is to demonstrate an overlap in spectrum of clinical presentation between neurogenic TOS and arterial TOS, and suggest that neurogenic TOS is a real condition.

(eP299) Don't Lose Your Leg Over It: A Suspected Case of Pyoderma Gangrenosum by Rea Fuentes, RRT, PA-S; Michael 2, MHS, PA-C

Clinical Gallery: A 72-year-old woman nearly lost her leg due to a misunderstood ulcerative skin condition lasting more than a decade. Pyoderma gangrenosum, though rare, should be considered when treating patients with ulcerative conditions to prevent misdiagnosis and application of contraindicated treatments.

(eP269) Disseminated Cryptococcus Neoformans in End Stage Liver Disease, A Case Study by Kelly King, PA-C Fellow; Jennifer Palermo, PA-C; Amber Brooks-Gumbert, PA-C

Clinical Gallery: Disseminated cryptococcus neoformans in patients with end stage liver disease has a high mortality rate and can be difficult to diagnose. Presented here is a case study of diagnosing and treating disseminated cryptococcus in a patient with end stage liver disease.

(eP127) Tobacco Prevalence and Cessation Efforts in Soldiers Deployed to Afghanistan by David McDowell, MPAS, PA-C; Capt. Brandon M. Carius, MPAS, PA-C; Lt. Col. Amy L. Jackson, MPAS, PA-C; Capt. Tracey Lyons-White, MPAS, PA-C; 1st Lt. Disney Samutsakorn, MPAS, PA-C; Lt. Col. Amelia M. Duran-Stanton, PhD, DSc, MPAS, PA-C

Clinical Gallery: High rates of tobacco usage affect unit and individual readiness and fitness throughout the military. This survey illustrates extensive tobacco usage in a 396-Soldier unit in Afghanistan, as well as correlating trends in education level, professional specialty, and levels of motivation to quit.

(eP65) Worsening Chronic Right Knee Pain Reveals Fungal Cause: a Case of Insidious Osteomyelitis from Coccidioides immitis by Brandon Carius, MPAS, PA-C; Charles J. Kambe, PT, DPT, CSC

Clinical Gallery: Knee pain is common, and infectious concerns can be falsely eased given benign diagnostic results. Once found, empiric treatment may be misdirected against bacteria. Fungal etiologies are suspected based on history, and can involve nonspecific or benign diagnostics, such as was found in this case.

(eP40) Early detection of Lisfranc fracture-dislocations in the non-orthopedic setting: A retrospective study and treatment protocol by Caryn Clippert, PA-C, MHS, MFA; Tyler Rutherford, BS

Clinical Gallery: Low-energy TMTJ injuries can create significant morbidities if not treated quickly. These injuries are missed up to 50% of the time in a non-orthopedic setting. After conducting a retrospective case review of patients with this diagnosis and a literature review, a diagnostic protocol was created.

(eP39) Severe Low Back Pain with Acute Urinary Retention and Lower Extremity Weakness: A Case of Incomplete Cauda Equina Syndrome by Brandon Carius, MPAS, PA-C

Clinical Gallery: Low back pain is common, and this case report illustrates how disc herniation and cauda equina syndrome may be blurred by other suspected causes. Providers should be suspicious of 'red flags' and order emergent imaging and neurosurgical consultation, when appropriate, to prevent long-term sequelae.

(eP267) Left-Sided Abdominal Pain Uncovers Intra gastric Balloon with Mass Effect by Brandon Carius, MPAS, PA-C; Patrick D. Bushman, MPAS, PA-C

Clinical Gallery: Intra gastric balloons are a low-cost alternative to bariatric surgery, but come with additional complication risk. This case describes a mass effect injury caused by an intra gastric balloon inserted abroad to aid provider recognition and understanding of complications with use of this device.

Monday, May 21 from 12:00 to 12:55

(eP301) America's Newest Need: Physician Assistants in Psychiatry; A Case Study and Retrospective Analysis
by Emily Thatcher, PA-S; Katherine Slusarz, PA-S; **Joshua Merson, PA-C, EM-CAQ**

Workforce Gallery: The medical and social training Physician Assistants complete enable them to be ideal contributors to the field of behavioral medicine, but there is significant room for furthering both the legislative definitions and capacities of PAs as well as the hiring of PAs into the psychiatric team model.

(eP255) Case Study: Ovarian Torsion in a Twenty-Five Month Old Female by Shannon Rex, PA-S; Sheree Piperidis, MHS, PA-C; Brennan Bowker, MHS, PA-C

Clinical Gallery: Ovarian torsion presents with elusive symptoms that can imitate other conditions. It rarely presents in the pediatric population, but must be considered due to the risk ovarian necrosis if not treated. The treatment of choice is surgical laparotomy to detorse the ovarian and is often successful.

(eP243) Talk to the Hand: A Case of Misdiagnosis in Arterial Thoracic Outlet Syndrome

by Holly Grunebach, MSPH, PA-C; Ying Wei Lum, MD

Clinical Gallery: Arterial TOS can present similar to more common diagnoses, such as Raynaud's, and needs to be managed appropriately to avoid long term damage. It is important to recognize this diagnosis, get these patients the correct treatment and ideally to a center that specializes in TOS.

(eP238) False Negative Cardiac Workup of Triple Vessel Ischemia by Kelsey Bestall, PA-S; **Sheree Piperidis, PA-C**

Clinical Gallery: A false negative cardiac workup in the setting of triple vessel ischemia is rare and could be detrimental. Having a high clinical suspicion of symptomatic high-risk patients with a negative cardiac workup is necessary when patients are exhibiting an acute coronary syndrome.

(eP234) Morel-Lavallee lesion of the distal thigh by Nina Tufaro, PA Student; Peter S. Sandor, MHS, RRT, PA-C, DFAAPA, FCCM

Clinical Gallery: A case study of a 23-year-old female with a Morel-Lavallee lesion of the distal thigh, which is an uncommon, closed degloving injury resulting from traumatic shearing forces. Response to treatment for MLLs can vary, and recent literature has focused on establishing best practices.

(eP188) It's Not Only About Bony Bumps -Multiple Hereditary Exostoses with Distinctive Facial by Janith Mills, MPAS, PA-C, DFAAPA; Jessica Frankel, MPAS, PA-C; Elisa Mills, BS; Scott N. Oishi, MD

Clinical Gallery: A case of Langer Gideon Syndrome: Multiple hereditary exostoses with distinctive facial features. Patients present by age 3 years. Facial features of deep set eyes, exotropia, broad nasal bridge, tented nasal alae, postnatal growth retardation and learning disabilities should alert the clinician.

(eP147) Juvenile Xanthogranuloma by Mehern Kaitlyn, PA-S; **Zachary Lavender, PA-C**

Clinical Gallery: Juvenile xanthogranuloma (JXG) is a rare self-limiting dermatologic disorder that predominantly affects the pediatric population. It commonly manifests as a solitary cutaneous lesion on the head, neck or trunk - rarely as multiple lesions. JXG diagnosis is confirmed with biopsy and immunophenotype.

(eP116) Sweets Syndrome secondary to Valley Fever by Brianna Lahman, PA-C

Clinical Gallery: Coccidioidomycosis a fungal organism notable in the Southwest region of the United States. Primary pulmonary coccidiomycosis occurs 1-3 weeks after inhalation of spores with a prodrome of fever, fatigue, upper respiratory symptoms, pleuritic pain, rash and arthralgias.

Monday, May 21 from 1:00 to 1:55

(eP293) An uncommon culprit: clinically significant Lewis(a) antibody causes acute hemolytic transfusion reaction by Amanda Doyon, PA-C; Krystal Renszel, DO; Jill Adamski, MD, Ph.D

Clinical Gallery: Our patient experienced an acute hemolytic transfusion reaction. Although pre-transfusion antibody screen was negative, additional post reaction testing identified anti- Lewis(a). Antibodies against Lewis antigens are usually clinically insignificant, but may be less benign than previously thought.

(eP290) Case Study: Babesiosis Infection by Babesia microti with Progression to Sepsis Necessitating Whole Blood Exchange Transfusion by Alyssa Mitchell, PA-S; Brennan Bowker, MHS, PA-C

Clinical Gallery: Babesiosis is a rare tick-borne illness. Although severe illness is not common, this condition can lead to sepsis and death if left untreated. In cases of severe babesiosis, whole blood exchange transfusion is a promising option for patients who are not responding well to traditional therapies.

(eP284) Abnormal β -HCG levels in a woman with levonorgestrel intrauterine device failure and subsequent ruptured ectopic pregnancy by Allison Iannicelli, PA-S; Brennan Bowker, PA-C

This is a case study of a 32-year-old female with a ruptured ectopic pregnancy following levonorgestrel IUD failure. Her β -HCG values were minimally elevated and did not trend as expected during expectant management. Lack of patient improvement led to diagnostic laparoscopy and ectopic removal.

(eP281) Cerebral Amyloid Angiopathy: A stroke mimicker with a side of intracranial hemorrhage by Jocelyn Anderson, PA-C

Clinical Gallery: The differential for stroke mimics does not usually include cerebral amyloid angiopathy, but it can also present as transient focal neurologic deficits. It is important to identify these patients to avoid antithrombotic therapy as there is an increase risk for intracranial hemorrhage.

(eP280) A case presentation: small cell carcinoma of the ovary, hypercalcemic type by Leslie Lessard, PA-S; Magdalena Lukaszewicz, PA-C

Clinical Gallery: Small cell carcinoma of the ovary, hypercalcemic type is a rare malignancy that afflicts young women and carries a poor prognosis. Although there is no accepted treatment protocol, three documented case studies and our patient of study, demonstrated no evidence of disease after VPCBAE chemotherapy.

(eP279) A Respiratory Enigma: Lightning Never Strikes Twice, or Does It? A Dapsone Induced Methemoglobinemia and Legionella in an Immunocompromised Patient by Megan Rand, PA-S; Denisa Gace, DO, MPH; Joshua Merson, PA-C; Michael T. Forrester, MD, PhD

Clinical Gallery: A 52-year-old woman with glioblastoma was found to have pneumonia due to Legionella, an active Klebsiella Pneumonia urinary tract infection, and Methemoglobinemia secondary to Dapsone. Specialized testing and a quality physical exam were crucial in identifying the cause of the patient's hypoxia.

(eP218) iOSCE: Development and Success of an Interprofessional Objective Structured Clinical Examination for Health Science Students by Laura Gerstner, MHA, MSHS, PA-C; Betty Lynne W. Johnson, MEd, PA-C; Jennifer Hastings, MSHS, PA-C; Marisa Vaskalis, BS; David Coniglio, EdD, PA-C

Education Gallery: We developed an interprofessional OSCE for students from multiple health science programs to evaluate a standardized patient together. Overall, this exercise demonstrated success in teaching students how to effectively work with other members of the healthcare team.

(eP298) Piloting an interprofessional student run clinic at Boston Health Care for the Homeless Program: education and operations by Harrison Keyes, PA-S; Kevin Sullivan, MD; Shekitta Acker, PA-C; ,

Workforce Gallery: The Crimson Care collaborative and Boston Healthcare for the Homeless Program have partnered to pilot a student-run clinic serving homeless patients in the city of Boston and promoting interprofessional education and practice.

Tuesday, May 22 from 12:00 to 12:55

(eP82) Building Physician Assistant Oral Health Workforce Capacity: A Six-Year Retrospective by Denise Rizzolo, PA-C, PhD; Cynthia Booth Lord, MHS, PA-C; Olivia Ziegler, MS- PA; Tiffany Flick

Workforce Gallery: 51 million people in the US live in areas where accessing dental care is difficult. This 6 year retrospective workforce report analyzed and discusses the collective impact of the four Organizations on the improvement of oral health in the country.

(eP332) Analyzing Long-Acting Reversible Contraceptive Access for Adolescents in Dallas, Texas by Isuri Weerasinghe, MPAS, MPH, PA-C; Tiffany Kindratt, MPH; Mandy Golman, PhD, CHES; Nancy Wood, MS

Clinical Gallery: Unplanned teen birth can be decreased with having access to affordable long-acting reversible contraceptives (LARCs) such as IUDs. A telephone survey to Dallas, TX area-health clinics assessed parent consent rules and available LARCs and their cost. ArcGIS Maps showed clinic-zip code distribution.

(eP204) Comparing Oral Health Knowledge in Differing Socioeconomic Elementary Populations in Arkansas by Brittany Calvert, PA, MSPAS; Amy Smith, PA, MSPAS; Courtney Treat, PA, MSPAS; **Mendy McClelland, PA-C, MSPAS**; Tara Bruner, PA-C, MHS

Education Gallery: The purpose of this research was to determine if there is a difference in base oral health knowledge among differing socioeconomic elementary populations (children age 6-9 years) in Arkansas and if an educational intervention would increase knowledge in certain populations more than others.

(eP194) Health Maintenance Practices of Clinicians and What They Advise Their Patients by Erika Donohue, Kaitlyn Twomey, Colleen Carr, Timothy Lopez, Sneha Lad, **Laura Goshko**

Workforce Gallery: The purpose of this study was to address possible discrepancies between personal health maintenance practices of clinicians and their patient counseling regarding healthy lifestyle practices using a survey distributed to nurses, nurse practitioners, physician assistants, and physicians (MD,DO).

(eP84) Substance Use/Misuse by Graduate Students in Healthcare Studies compared to Graduate Students in Non-healthcare Studies by Kelsey Langley, PA; Ryan Labelle, PA; Rod Mao, PA; **Linda Martino, MPAS, PA-C**

Clinical Gallery: This study explores two questions. What is the incidence of graduate students use of: coffee, energy drinks, alcohol, marijuana, cocaine, heroin, cigarettes, adderall/stimulants or opiates? What are their reasons for their substance use? There are surprising findings in this study.

(eP78) What Are The Main Barriers As To Why Pregnant Patients Are Not Receiving Proper Dental Care? by Punam Gopal, PA-C; Brittany Silverman, PA-C; Alle Bumgardner, PA-C; Maayan Vazana, PA-C

Clinical Gallery: Dental health during pregnancy is an undervalued topic in medicine. Access, socioeconomic status, health literacy, lack of provider knowledge and skill, and race and ethnicity are barriers investigated as to why pregnant patients are not receiving adequate dental care.

(eP60) The Role of Physician Assistants and Nurse Practitioners in Addressing Human Trafficking by Shekitta Acker, PA-C, MS; Susan Stevens, DNP,RN,PMHNP; Sheila Swales, MS,RN,PMHNP; Kristina Green, DNP, RN, FNP-C; Holly M. Fulmer, MS, RN, ANP; Patrice K Nicholas, DNSc, DHL(Hon.), MPH, MS, RN, NP-C, FAAN

Workforce Gallery: This presentation aims to address the critical role of advanced practice clinicians, physician assistants and nurse practitioners in the identification, assessment, evaluation, management, and follow-up of individuals who are trafficked.

Tuesday, May 22 from 1:00 to 1:55

(eP262) Reviving the PA doctorate debate: A look at PA faculty trends by Lucy Kibe, DrPH, MS, MHS, PA-C; Gerald Kayingo, PhD, MMSc, MDP, PA-C; James Cawley, MPH, PA-C, DHL (Hon)

Education Gallery: As the debate on doctoral education for PAs continues, the question of the supply of doctorally prepared faculty cannot be ignored. This poster examines the trends of doctorally prepared PA faculty and the types of doctoral degrees obtained over the past 19 years.

(eP297) Results of a Voter Registration Intervention at a Community Health Center in Boston, Massachusetts

by Sylvia Brandenburg, Andreas Mitchell, Sheridan Reiger, MD; Bevin Kenney, MD; Barbara Gottlieb, MD; Katherine Warren, Jonathan Kusner, Daniela Delgado, MD; Maria Duarte

Workforce Gallery: CHCs can be successful sites for voter registration and support patient civic engagement by addressing common barriers to voting. Civic engagement is one element of empowerment that may have broad effects on the health and well-being of individuals and communities.

(eP115) Assessing Physicians' Opinions Regarding Optimal Team Practice by Lauren De Forte, PA-S; Ashley Doerler, PA-S; Arthur Oliphant, PA-S; Michael Scala, PA-S; Dylan Tuozzo, PA-S; **Christina Ventura-DiPersia, MPH; Carina Loscalzo, MS, PA-C**

Workforce Gallery: We set out to explore physicians' perspectives on implementing OTP in healthcare. Ninety-six physicians were surveyed about components of OTP. Physicians were most in favor of the emphasis on the PAs' commitment to team practice with the degree of collaboration determined at the practice level.

(eP42) Perceptions on Full Practice Authority and Responsibility/Optimal Team Practice by Jay Metzger, PA-C;

Jeanie McHugo, PhD, PA-C

Workforce Gallery: The AAPA and others feel that it is time for PAs to have full practice authority and responsibility just as others healthcare providers do in their own professions. This poster presentation discusses the perceptions of practicing PAs on the topic of full practice authority and responsibility.

(eP193) Physician Assistants in Urgent Care by Tamara Ritsema, MPH, MMSc, PA-C; Noel Smith, MS; James

Cawley, MPH, PA-C

Workforce Gallery: To describe the characteristics of PAs who practice urgent care, we evaluated results from the AAPA annual survey over a 19 year period. The percentage of PAs who work in urgent care has nearly doubled in the last 10 years. We describe the content of PA practice in this specialty.

Wednesday, May 23 from 12:00 to 12:55

(eP209) Downstaging breast cancer in Tanzania by Lisa Huset, MPAS, PA; Tara Rick, MPAS, PA-C

Workforce Gallery: Breast cancer mortality in Tanzania is high and most breast cancers are diagnosed at late stage when cure is not possible. This project aims to implement a breast cancer-training program with the purpose to increase knowledge and empower healthcare providers to detect breast cancer earlier.

(eP208) PA reciprocity between USA and Canada: Views from the next generation of PAs by Kirsten Nedde, PA-S; Beth Buyea, MHS, PA-C

Workforce Gallery: This study gathers quantitative data through the use of a survey, administered to US and Canadian PA students, about the perceived benefits and barriers to PA reciprocity between the United States and Canada as a means to help with the healthcare shortage facing both countries.

(eP206) Meeting the Need: Optimizing the Utilization of PAs in Opioid Treatment Programs (OTPs) by James Anderson, PA-C, MPAS, DFAAPA

Workforce Gallery: SAMHSA policy specifies that only physicians may write orders in federally approved Opioid Treatment Programs (OTPs). In 2015, SAMHSA created an exemption process, allowing PAs to function in OTPs. This project created resources to assist PAs in navigating that process.

(eP202) Report on the number, distribution, demographics, specialty & hours per week of Certified Physician Assistants participating in telemedicine services. by Colette Jeffrey, MA

Workforce Gallery: A report on the number, distribution, demographics, specialty and hours per week of Certified Physician Assistants participating in telemedicine services.

(eP144) Exploring PA contributions, opportunities, and roles in caring for mental health needs by Kathleen L. Ehrhardt, MMS, PA-C; O.T. Wendel, PhD; Dawn Morton-Rias, Ed.D, PA-C

Workforce Gallery: More than 111 million people in the US live in mental health shortage areas, contributing to significant unmet mental health and substance use disorder needs. Certified PAs adapt to meet system gaps, and can take a leadership role in championing integration of mental health across disciplines.

(eP135) Breathing Easy: An Asthma Education Program in Peru by Lauren Eisenbeis, PA-S; Karilyn Ratcliffe, PA-S; Cristina Nardulli, PA-S; Zachary Edelman, PA-S; Amber Coca, PA-S; **Nora Lowy, PhD, MPA, PA-C; Diane Pane, MPA, PA-C, DFAAPA**

Workforce Gallery: In Peru, there is an absence of education regarding asthma disease process and prevention. PA students provided communities with an asthma education program. Data revealed an improvement of knowledge by 26% and a 60% increase in comfort level when confronted with an asthma exacerbation.

Wednesday, May 23 from 1:00 to 1:55

(eP276) The Impact of Motivational Interviewing on Distracted Driving in Adolescents and Young Adults in Searcy, Arkansas by Ariel Rhode, Jessica Edwards; **Mendy McClelland**; Tara Bruner

Workforce Gallery: This study aimed to investigate if group motivational interviewing could be a meaningful tool in decreasing the incidence of distracted driving in adolescents. Results indicated that students were more likely to decide to abstain from distracted driving behaviors after group motivational interviews.

(eP259) It's All About That Wound! by Karen Bilecki, CCPA; Nadia Weese, Reg. N

Workforce Gallery: Safer Health Care Now strategies and inclusion of the hydrocolloid dressing with silver demonstrated an relative risk reduction of 40.4% with a number needed to treat of one case, establishing superior benefit and harm reduction in elective total hip arthroplasties. It's all about that wound!

(eP253) Standardization of Onboarding and Orienting the Novice Advanced Practice Provider by Shawnelle Contini, PA-C, MSHS; Leah Rawdon, RN, MSN, CPNP; Jackie Pressman, RN, MSN, CPNP-AC; Julie Tsirambidis, MSN, APRN-CNP; Laura Abels, BA, MSN, RN, PMHCNS-BC, APHN-BClinical Gallery:

Workforce Gallery: Experienced clinicians report difficulty with assimilation into a new environment and culture without adequate support. In 2017, a new 2 day in classroom +1 simulation day Boot Camp was implemented. Although in its infancy stage, Boot Camp has already proved to be a staple for upcoming years.

(eP249) An Opportunity for Physician Assistants to Impact the Geriatric Workforce Shortage by Benjamin J Smith, PA-C, DFAAPA; James C. Zedaker, MPAS, PA-C, EM-CAQ, DFAAPA; James F. Cawley, MPH, PA-C, DHL (Hon)

Workforce Gallery: Healthcare providers are needed to care for the geriatric population. PAs can assist in meeting this need. This abstract will provide the current numbers and characteristics of PA in geriatrics.