



Department of Pharmacy
2016 Scholarly Works Report

Department of Pharmacy 2016 Scholarly Works

At the beginning of the year the Department of Pharmacy was surveyed to document and share our members' contributions to scholarly works during the previous calendar year. 2016 was successful with Department of Pharmacy staff contributing to publication of 32 peer-reviewed manuscripts. Other scholarly works completed by Department of Pharmacy staff during 2016 included 38 abstracts/posters, and 21 oral presentations delivered at national and regional meetings. The Department also boasts many academic appointments and other professional awards and recognition. The volume and quality of scholarly works is impressive and something of which the Department of Pharmacy should be very proud.

Peer Reviewed Publications (members of Department of Pharmacy **bolded**)

1. Dy-Boarman EA, **Nisly SA**, Martin D. Use of a health screening and education event to change student attitudes towards the elderly. *Currents in Pharmacy Teaching and Learning* 2016; Aug 31 [Epub ahead of print].
2. Bader F, Atallah B, **Brennan LF**, Rimawi RH, Khalil ME. Heart failure in the elderly: ten peculiar management considerations. *Heart Fail Rev.* 2017 Feb 6. [Epub ahead of print].
3. **Beardsley JR**, Jones CM, **Williamson J**. Pharmacist involvement in a multidisciplinary initiative to reduce sepsis-related mortality. *Am J Health-Syst Pharm* 2016;73:143-149.
4. **Chen JE**. Vaginal bleeding in hematopoietic cell transplant patients. *ASBMT Pharmacy Special Interest Group (SIG) Newsletter.* 2017;5(1):12-13.
5. Duncan AV, **Shaltout HA**, Tommassi EN, Gallagher PE, Tallent EA and Diz DI. Beneficial Cardiovascular Effects of Muscadine Grape Extract in Normotensive Female Rats. *FASEB*, 2016; 30:1175.7
6. **Fender RA**, Hasselman TE, Wang Y, Harthan AA, Evaluation of the Tolerability of Intermittent Intravenous Sildenafil in Pediatric Patients With Pulmonary Hypertension. *J Pediatr Pharmacol Ther* 2016;21(5):419–425.
7. Fortunato JE, Tegeler CL, Gerdes L, Lee SW, Pajewski NM, Franco ME, Cook JF, **Shaltout HA** and Tegeler CH. Use of an allostatic neurotechnology by adolescents with Postural Orthostatic Tachycardia Syndrome (POTS) is associated with improvements in heart rate variability and changes in temporal lobe electrical activity. *Experimental Brain Research*, 2016 Mar;234 (3):791-8.
8. Howard ML, Isaacs AN, **Nisly SA**. Continuous infusion non-steroidal anti-inflammatory drugs for perioperative pain management. *J Pharm Pract* 2016;Aug 31.

9. Isaacs A, Doolin M, Morse C, **Nisly SA**. Medication utilization evaluation of dabigatran and rivaroxaban within a large, multicenter health system. *Am J Health Syst Pharm* 2016;73:S35-S41.
10. Isaacs AN, **Nisly SA**, Walton AM. Student-generated e-learning for clinical education. *Clin Teach* 2016;13:1-5.
11. Janzen KM, Steuber TS, **Nisly SA**. GLP-1 agonists in type 1 diabetes mellitus: a review of the literature. *Ann Pharmacother* 2016;50(8):656-665.
12. Jefferson ME, Nicklas BJ, Chmelo EA, Crotts CI, **Shaltout HA**, Diz DI, Marsh AP and Brinkley TE. Effects of resistance training with and without caloric restriction on arterial stiffness in older adults. *American Journal of Hypertension*, 2016 Apr;29(4):494-500.
13. **Kenes MT**, Hamblin SE, Tumuluri SS, Guillaumondegui OD. Syndrome of Inappropriate Antidiuretic Hormone in a Patient Receiving High-Dose Haloperidol and Quetiapine Therapy. *J Neuropsychiatry Clin Neurosci* 2016; 28:e29-e30.
14. Lamar ZS, Fino N, Palmer J, Gruber L, Morris BB, Raetskaya-Solntseva O, **Kennedy L**, Vaidya R, Hurd D, Zamkoff K. Dose-Adjusted Etoposide, Prednisone, Vincristine, Cyclophosphamide, and Doxorubicin (EPOCH) With or Without Rituximab as First-Line Therapy for Aggressive Non-Hodgkin Lymphoma. *Clin Lymphoma Myeloma Leuk*. 2016 Feb; 16(2):76-81.
15. Lee M, Badowski ME, Acquisto NM, Covey DF, Fox BD, Gaffney SM, Haines ST, Hilaire ML, **Raymond AP**, Salvo MC, Turner K. American College of Clinical Pharmacy (ACCP). Template for the evaluation of a clinical pharmacist: Pre-Publication Draft. Approved July 18, 2016.
16. Liu P, Ohl C, **Johnson J**, **Williamson J**, **Beardsley J**, Luther V. Frequency of empiric antibiotic de-escalation in an acute care hospital with an established antimicrobial stewardship program. *BMC Infectious Diseases* 2016;16:751-757.
17. **Nisly SA**, Isaacs AN, White C, Chamberlin SM. 24-month pharmacotherapy residency: the what and how behind these programs. *Currents in Pharmacy Teaching and Learning* 2016;8(6):796-803.
18. **Nisly SA**, Janzen KM, Steuber TD, Trujillo TN. Alumni survey as a quality improvement tool for defining residency success. *Am J Health Syst Pharm* 2016;73(21):1722-1725.
19. **Nisly SA**, Steuber TD, Boyd AM, Foster AE. New kids on the block: the promise of PCSK9 inhibitors in the management of hyperlipidemia. *Indiana Pharmacists Alliance Continuing Pharmacy Education* 2016; Article 2.

20. Nixon PA, **Shaltout HA**, Snively BM, Russell GB, O'Shea TM and Washburn KL. Antenatal steroid exposure and heart rate variability in adolescents born with very low birth weight. *Pediatric Research*. Epub 2016, Sep 15.
21. Passarelli AJ, **Gibbs H**, Rowden AM, Efirid L, Zink E, Mathioudakis N. Evaluation of a nurse-managed insulin infusion protocol. *Diabetes Technology and Therapeutics*. 2016; 18(2):93-9.
22. **Poveromo LB**, Michalets EL, Sutherland SE. Midodrine for the weaning of vasopressor infusions. *J Clin Pharm Ther*. 2016 Jun;41(3):260-5.
23. Schaich CL, Grabenaur M, Thomas BF, **Shaltout HA**, Gallagher P Howlett AC and Diz DI. Medullary endocannabinoids contribute to the differential resting baroreflex sensitivity in rats with altered brain renin-angiotensin system expression. *Front Physiol*. 2016 Jun 9;7:207.
24. Scolaro KL, **Carrington JL**, Ferreri SP. Involvement in Teaching after Completion of a Teaching and Learning Curriculum. *Currents in Pharmacy Teaching and Learning*. 2016; 8(4): 524-530.
25. South AM, Nixon PA, Chappell MC, Diz DI, Russell GB, Snively BM, **Shaltout HA**, Rose JC, O'Shea TM and Washburn LK. Antenatal Corticosteroids and the Renin-Angiotensin-Aldosterone System in Preterm Adolescents. *Pediatric Research*.
26. Steuber TD, Howard ML, **Nisly SA**. Strategies for the management of postoperative anemia in elective orthopedic surgery. *Ann Pharmacother* 2016;50(7):578-585.
27. Tegeler CH, Tegeler CL, Cook JF, Lee SW, Gerdes L, **Shaltout HA**, Miles CM and Simpson SL. A Preliminary Study of the Effectiveness of an Allostatic, Closed-Loop, Acoustic Stimulation Neurotechnology in the Treatment of Athletes with Persisting Post-concussion Symptoms. *Sports Medicine*. 2016 Dec;2(1):39.
28. Wagoner AL, **Shaltout HA**, Fortunato JE and Diz DI. Distinct neurohumoral biomarker profiles in children with hemodynamically-defined orthostatic intolerance may predict treatment options. *Am J Physiol Heart Circ Physiol*. 2016 Feb 1;310(3):H416-25.
29. Wallace KL, Filipek RL, La Hoz RM, **Williamson JC**. Subtherapeutic voriconazole concentrations associated with concomitant dexamethasone: case report and review of the literature. *Journal of Clinical Pharmacy and Therapeutics* 2016;41:441-3.
30. Walton AM, Isaacs AN, McFarland AT, Czosnowski L, **Nisly SA**. Design of a drug-induced diseases elective utilizing active learning. *Currents in Pharmacy Teaching and Learning* 2016;8(1):90-95.

31. **Williamson JC, Gibbs HG, Ohl CA, Johnson JW, Beardsley JR**, Luther VP, Rokas KE. Reply to Young, Ochi, and Marimuthu. *Clinical Infectious Disease* 2016; 62(6):810-1.
32. Yamaleyeva LM, **Shaltout HA**, Varagic J. Apelin-13 in blood pressure regulation and cardiovascular disease. *Curr Opin Nephrol Hypertens*, 2016 Sep;25(5):396-403.

Book Chapters

1. Chappell MC, Wilson BA, Marshall AC, Azayadneh E, Rose JC, Diz DI and **Shaltout HA**. Book Chapter entitled “The ACE2 – Angiotensin (1-7)-Mas Receptor Axis in the Kidney” in the eBook entitled: “New Aspects of the Renin Angiotensin System in Cardiovascular and Renal Diseases. (Eds. DE Casarini).
2. Steuber TD, **Nisly SA**, Walton AM. Metacognition: students need it and you can teach it! The feedback approach. In: Blythe H, Sweet C, Carpenter R, eds. *It Works for Me, Metacognitively: Shared Tips for Effective Teaching*. 1st ed. Stillwater, OK: New Forums Press Inc, 2016:46-49.

Posters

1. Anagnostis E, **Beardsley J**, Ticehurst E, et al. Pharmacy Residency Preceptor Requirements at Academic Medical Centers: A Survey of University Health System Consortium Hospitals. ASHP National Pharmacy Preceptors Conference. August 2016; Washington D.C.
2. **Baker A, Beardsley J, Williamson J, Johnson J, Noped J, Ohl C, Gibbs H, Bonkowski J**. Development and implementation of an antimicrobial stewardship module in an electronic health record. Vizient Pharmacy Network Meeting Dec 2016. Las Vegas, NV.
3. **Banoub M, Williamson J**. Development and validation of a clinical scoring system to predict vancomycin-induced nephrotoxicity (VIN) in hospitalized patients. Vizient Pharmacy Network Meeting Dec 2016. Las Vegas, NV.
4. **Bookstaver RE**, Welborn KG, Davidson JF, Morris P, Files DC, **Guest CB**, Bakhru RN. Medication Reconciliation in an ICU Recovery Clinic. American Thoracic Society International Conference. May 2016. San Francisco, CA.
5. **Bookstaver, RE**. Fixed-Dose Cisatracurium in Acute Respiratory Distress Syndrome: Sedation and Analgesia. Annual Society of Critical Care Medicine; February 19-20, 2016; Orlando, FL.
6. **Carr D, Williamson J**. Outcomes of tenofovir discontinuation among human immunodeficiency virus (HIV)-infected patients with suspected tenofovir-associated nephrotoxicity, ID Week October 2016; New Orleans, LA.

7. **Carrington J, Williamson J, Bowline I, Gibbs H, Johnson J, Beardsley J.** Incidence of Acute Kidney Injury During Treatment with Vancomycin in Combination with Piperacillin-tazobactam or Cefepime. ACCP Annual Meeting. Hollywood, FL. October 2016.
8. **Carrington JL, Gibbs H, Patel M, Brennan LF, Maki J, Good BL, Anderson ER, Noped J, Guest CB.** Feasibility of a pharmacy-led program to provide patient-centered pain management. Vizient Pharmacy Network Meeting Dec 2016. Las Vegas, NV.
9. **Carter A, Luebchow A, Bricker K, Wishart B, Thomas L, Marlow B.** Impact of structured and objective feedback on order entry error rates in a community pharmacy setting. Vizient Pharmacy Network Meeting Dec 2016. Las Vegas, NV.
10. **Chen JE, Kennedy L, Lamar Z, Rodriguez C.** Evaluating the response rate of VD-PACE in multiple myeloma. Vizient Pharmacy Network Meeting Dec 2016. Las Vegas, NV.
11. **Cook A, Kennedy L, Anders B, Howard D.** Evaluation of a pharmacist-run outpatient autologous hematopoietic stem cell transplantation program. Vizient Pharmacy Network Meeting Dec 2016. Las Vegas, NV.
12. **Fuhrmann K, Richmond J, Gibbs HG, Rebo K, Rebo J.** Use of Antimicrobial Prophylaxis for the Duration of a Drain Following Spinal Surgery: Does It Impact Infection Rates? American Society of Health-System Pharmacists Midyear Clinical Meeting 2016. Las Vegas, NV.
13. **Goad N, Loken A, Johnson J, Williamson J, Beardsley J.** Identifying opportunities for de-escalation of vancomycin on general medicine and hospitalist services at an academic medical center. Vizient Pharmacy Network Meeting Dec 2016. Las Vegas, NV.
14. **Hendricks AS, Shaltout HA, Chappell MC and Diz DI.** Sex specific differences in key signaling pathways involved in autonomic nervous system control within the dorsal medulla of adult sheep with fetal betamethasone exposure. FASEB, 2016; 30:716.5
15. **Henricks AS, Shaltout HA, Chappell MC and Diz DI.** PI3 Kinase Regulation is Independent of Changes in Associated Phosphatases in Adult Female Sheep with Fetal Betamethasone Exposure. Hypertension 2016, 68:AP126.
16. **Kenes, MT.** The Persistence of ICU Delirium after Cessation of Sedative and Analgesics. Poster presented at: Annual Society of Critical Care Medicine; February 19-20, 2016; Orlando, FL.
17. **Nisly SA.** Effect of Targeted Educational Sessions on Hemoglobin A1c and Blood Pressure in Community Seniors. Vizient Pharmacy Network Meeting Dec 2016. Las Vegas, NV.

18. **Nisly SA.** Student-Led Educational Sessions: Participant Perceptions. Vizient Pharmacy Network Meeting Dec 2016. Las Vegas, NV.
19. **Northrup O, Morrison T, Schomberg R, Leubchow A, Roark A.** Feasibility and financial impact of implementing medication therapy management (MTM) services at an outpatient pharmacy serving an indigent population. Vizient Pharmacy Network Meeting Dec 2016. Las Vegas, NV.
20. **Ovenell M, Harvin A, Peaty N,** Goodman T, Arvesu D, **Gibbs H.** Implementation of a radio frequency identification system to improve intravenous batch medication distribution to inpatient care units. Vizient Pharmacy Network Meeting Dec 2016. Las Vegas, NV.
21. **Palmer K, Kennedy L,** Lamar Z, Vaidya R, **Bonkowski J.** Clinical outcomes and cost savings after implementation of an outpatient EPOCH (etoposide, prednisone, vincristine, cyclophosphamide, doxorubicin) chemotherapy protocol in non-Hodgkin's lymphoma (NHL). Vizient Pharmacy Network Meeting Dec 2016. Las Vegas, NV.
22. **Payne L, Woods E, Subramanian M,** Hanes H, McCalla C. Review of corticosteroid prescribing practices for pediatric asthma patients requiring inpatient admission. Review of corticosteroid prescribing practices for pediatric asthma patients requiring inpatient admission. Vizient Pharmacy Network Meeting Dec 2016. Las Vegas, NV.
23. **Phan D, Reichert M, Crawford R,** Wudel L, Lata A. Acute kidney injury after lung resection surgery: contributory risk factors of medications. Vizient Pharmacy Network Meeting Dec 2016. Las Vegas, NV.
24. **Raymond A, Schomberg R, Copley A, Marlow B.** Incorporating patient contact outreach preferences during specialty pharmacy activities. Vizient Pharmacy Network Meeting Dec 2016. Las Vegas, NV.
25. **Shaltout HA,** Tegeler CL, Tegeler CH. Improvement of autonomic function and C-reactive protein in military personnel with traumatic stress after use of a closed loop neurotechnology. P625. Accepted for poster presentation at the Hypertension 2016 Scientific Sessions, Orlando, FL, September 14-17, 2016.
26. **Shaltout HA,** Tegler CL, Tegeler CH. Use of a New Noninvasive Neurotechnology Associated with Reduction of Blood Pressure and Improvement of Heart Rate Variability in Hypertensive Cohort. P310. Accepted for poster presentation at the Hypertension 2016 Scientific Sessions, Orlando, FL, September 14-17, 2016.
27. Smith I, **Gibbs HG, Patel M, Noped J.** Disposition of Patients Receiving Long-Term Daptomycin Therapy. American Society of Health-System Pharmacists Midyear Clinical Meeting 2016. Las Vegas, NV.

28. **Smith J, Dattero J, Williamson J, Johnson J**, Hannum J, **Beardsley J**. Impact of an initiative to decrease the treatment of asymptomatic bacteriuria and pyuria in the emergency department of a large academic medical center. Vizion Pharmacy Network Meeting Dec 2016. Las Vegas, NV.
29. South AM, Nixon PA, Chappell MC, Diz DI, Russell GB, Snively BM, **Shaltout HA**, Rose JC, O'Shea TM and Washburn LK. Antenatal Corticosteroids and Alterations in Renal Function in Adolescents Born Preterm. P121. Accepted for poster presentation at the Hypertension 2016 Scientific Sessions, Orlando, FL, September 14-17, 2016.
30. Tegeler CH, Tegeler CL, Cook J, Howard L, Lee S, **Shaltout HA**. Durability of symptom reductions associated with use of HIRREM by military personnel with traumatic stress. *Neurol.* 86(S16): I8.007. Accepted for dual presentation at the American Academy of Neurology Meeting, Vancouver, BC, Canada, April 15-21, 2016.
31. Tegeler CH, Tegeler CL, Cook JF, Lee SW, **Shaltout HA**, Laurienti PJ. Military personnel with traumatic stress show changes in large-scale brain networks after use of a closed-loop neurotechnology. *Neurol.* 86(S16): I7.009. Accepted for dual presentation at the American Academy of Neurology Meeting, Vancouver, BC, Canada, April 15-21, 2016.
32. Tegeler CL, **Shaltout HA** and Tegeler CH. Improved Autonomic Cardiovascular Regulation and Reduced Symptoms Associated with Use of Closed-loop Noninvasive Neurotechnology by Healthcare Workers. P627. Accepted for poster presentation at the Hypertension 2016 Scientific Sessions, Orlando, FL, September 14-17, 2016.
33. Tegeler CL, **Shaltout HA**, Tegeler CH. Reduced Symptoms and Improved Heart Rate Variability Associated With Use Of Closed-Loop Noninvasive Neurotechnology By Migrants. P602. Accepted for poster presentation at the Hypertension 2016 Scientific Sessions, Orlando, FL, September 14-17, 2016.
34. Tegeler CL, **Shaltout HA**, Lee S, Tegeler CH. Military personnel with traumatic stress demonstrate improved autonomic cardiovascular regulation after use of a closed loop neurotechnology. *Neurol.* 86(S16): P5.122. Accepted for presentation at the American Academy of Neurology Meeting, Vancouver, BC, Canada, April 15-21, 2016.
35. **Thompson G, Smalls B**, Sarwall A, Scaturro N. Neurology Heparin Protocol. American Academy of Neurology (AAN), April 2016; Vancouver, Canada.
36. **Verbosky L, Wishart B, Gibbs H, Marlow B**. Impact on the net promoter score in community pharmacies. Vizion Pharmacy Network Meeting Dec 2016. Las Vegas, NV.
37. Wallace K, **Williamson J**. Improved Outcomes for Gram-positive Bacteremia with Rapid Diagnostics and On-call Pharmacy Residents, ID Week October 2016; New Orleans, LA.

38. **Watson M, Guest CB, Kenes MT, Rebo J, Rebo K**, Blue V, Buckner L, Clark D, **Gibbs H**. Assessing nursing perception of the Clinical Institute Withdrawal Assessment for Alcohol (CIWA-Ar) protocol using mixed methods in a large academic medical center. Vizient Pharmacy Network Meeting Dec 2016. Las Vegas, NV.
39. **Yelvington B, Kennedy L, Anders B**, Howard D. Analysis of personalized busulfan dosing in patients receiving a hematopoietic stem cell transplant at a large academic medical center. Vizient Pharmacy Network Meeting Dec 2016. Las Vegas, NV.
40. **Zane L**. Impact of Hydrocortisone Continuous Infusion versus Bolus Dose on Glycemic Control. Poster presented at: Annual Society of Critical Care Medicine; February 19-20, 2016; Orlando, FL.

Oral Presentations

1. **Banoub M, Williamson J**. 2016 Adult Vaccination Update. 2016 NW AHEC CE Program. Winston-Salem, NC.
2. **Beardsley, J**. Code Sepsis: The Wake Forest Baptist Medical Center Experience. New York State Partnership for Patients Sepsis Process Improvement Webinar. March 2016.
3. **Bliss, S**. Parental Nutrition Formulation Conundrum: To Mix or Not to Mix? American Society for Parenteral and Enteral Nutrition (A.S.P.E.N.). Clinical Nutrition Week January 2016; Austin, Texas.
4. **Brennan, LF**. Multiple Sclerosis Treatment: It's Not Just Infusion Anymore! Western Carolina Pharmaceutical Association. Asheville, NC. December 2016.
5. **Brennah, LF**. CPP in the Inpatient Setting. North Carolina Association of Pharmacists Annual Convention, Charlotte, NC. Nov 2016.
6. **Kennedy, L**. Role of Transplant for Multiple Myeloma. Hematology Oncology Pharmacists Association 2016. Atlanta, GA. March 2016.
7. **Maki, J**. Technician-Driven Transitions of Care Model to Enhance Quality and Revenue. Vizient Pharmacy Network Meeting Dec 2016. Las Vegas, NV.
8. **Nisly, SA**. Chronic PPI's: Not the Benign Agents We Thought. Western Carolina Pharmaceutical Association. Asheville, NC. December 2016.
9. **Nisly, SA**. Enhancing Learner Metacognition in a Professional Pharmacy Elective. Butler University 2016 Celebration in Innovation in Teaching. Indianapolis, IN. April 2016.
10. **Nisly, SA**. Learner vs. Learner: Let's Debate! American Society of Health-System Pharmacists Midyear Clinical Meeting. Washington, DC. August 2016.

11. **Perry, C.** Attention Deficit Hyperactivity Disorder. Continuing Education Presentation. MCE Conferences, Pharmacotherapy for Primary Care, Hilton Head Island, SC. July 2016.
12. **Perry, C.** Controversial Antibiotics in Pediatric Patients: Fact or Fiction? Continuing Education Presentation. MCE Conferences, Pharmacotherapy for Primary Care, Hilton Head Island, SC. July 2016.
13. **Perry, C.** Drug Allergy and Anaphylaxis: When the Treatment Becomes the Diagnosis. Continuing Education Presentation. University Learning Systems and Wake Forest PA School of Studies. Wake-Up Orlando, Orlando, FL. July 2016.
14. **Perry, C.** Drug Allergy and Anaphylaxis: When the Treatment Becomes the Diagnosis. Continuing Education Presentation. MCE Conferences, Pharmacotherapy for Primary Care, Hilton Head Island, SC. July 2016.
15. **Perry, C.** Management of Pediatric Sickle Cell Disease (SCD) – An Update for the Primary Care Provider. Continuing Education Presentation. MCE Conferences, Pharmacotherapy for Primary Care, Hilton Head Island, SC. July 2016.
16. **Perry, C.** Managing Anxiety in Pediatric Patients. Continuing Education Presentation. MCE Conferences, Pharmacotherapy for Primary Care, Hilton Head Island, SC. July 2016.
17. **Perry, C.** Pediatric Urinary Tract Infections: On Track Treatment. Continuing Education Presentation. MCE Conferences, Pharmacotherapy for Primary Care, Hilton Head Island, SC. July 2016.
18. **Perry, C.** Pharmacologic Management of Pediatric Community Acquired Pneumonia (CAP) in Primary Care: Clinical Pearls. Continuing Education Presentation. MCE Conferences, Pharmacotherapy for Primary Care, Hilton Head Island, SC. July 2016.
19. South AM, Nixon PA, Chappell MC, Diz DI, Russell GB, Snively BM, **Shaltout HA**, Rose JC, O'Shea TM and Washburn LK. Influence of Race and Obesity on the Renin-Angiotensin-Aldosterone System in Adolescents Born Preterm. Oral presentation, Hypertension 2016, 68:A136.
20. South AM, Nixon PA, Diz DI, Russell GB, Snively BM, **Shaltout HA**, Rose JC, O'Shea TM, Washburn L. Antenatal Corticosteroids and the Renin-Angiotensin-Aldosterone System in Adolescents Born Preterm. Oral presentation, 2016 American Society of Nephrology-Kidney Week Meeting, Chicago, IL.
21. **Watson, M.** The Hidden Side of SGLT2 Inhibitors: Euglycemic Diabetic Ketoacidosis. North Carolina Association of Pharmacists Annual Convention, Charlotte, NC. Nov 2016.

New Academic Appointments and Other Recognitions

1. **Brennan, LF.** Assistant Professor of Pharmacy, Wingate University School of Pharmacy.
2. **Nisly, SA.** Associate Professor of Pharmacy, Wingate University School of Pharmacy.
3. **Shaltout, H.** Appointed as Co-Chair of the Cardiovascular Sciences Center.
4. **Shaltout, H.** Appointed as Co-Chair of the Integrated Physiology and Pharmacology Graduate Program curriculum committee.
5. **Shaltout, H.** Appointed as Full Member in the Office of Women in Medicine and Science (OWIMS).
6. **Shaltout, H.** Appointed as member of the Integrated Physiology and Pharmacology executive committee.
7. **Shaltout, H.** Appointed as member of Women in Medicine and Science (WIMS), Research & Education Subcommittee.

Awards

1. **Kenes, M.** 2016 Society of Critical Care Medicine Presidential Citation Award.
2. **Kennedy, L.** 2016 Hematology Oncology Pharmacists Association Fellow.
3. Koch, K. and **Shaltout, H.** received a grant from NIDDK Gastroparesis Consortium starting September 2016 as part of Clinical Centers to Investigate the Pathogenesis, Etiology, and Treatment of Gastroparesis. \$250,000 per year for 5 years. Shaltout role as co-investigator.
4. **Nisly, SA.** 2016 Fellowship in American College of Clinical Pharmacy.
5. **Perry, C.** 2016 Pre-Clinical Year Teaching Excellence Award, Wake Forest School of Medicine – Physician Assistant Studies
6. **Shaltout, H.** 2016 American Foundation for Hypertension Research and Education (AFHRE) Award for Patient-Oriented or Clinical Research in Hypertension.
7. **Shaltout, H.** Received a grant from AHA to study the effect of Vitamin D supplementation on autonomic dysfunction in adolescents. \$75,000 per year starting January 2016 and for 4 years.
8. **Tryon, J.** 2016 American Society of Health-System Pharmacists Fellow.