APhA Contributed Papers Program

The APhA Contributed Papers Program is designed to challenge practitioners, researchers, and students by providing a forum in which to share practice information, disseminate research findings, and educate colleagues. Abstracts were solicited from all pharmacy practice areas, including practitioners, scientists, residents, and students.

Author Index
An Author Index and map of the Contributed Paper poster presentations is located in the poster hall. You may also click on the Poster icon on the APhA2018 App.

Abstract Categories
Investigators were invited to submit abstracts on topics relevant to pharmacy practice and pharmacy-focused scientific research in one of four abstract categories:

- Contributed Research Papers
- Innovative Practice Reports
- Reports on Projects in Progress
- Encore Presentations

Abstracts were accepted as poster presentations or podium sessions.

Adherence and Persistence
1—Effects of Medication Access and Adherence on Acute FEV1 Decline in Adult Patients with Cystic Fibrosis. Leng W, Jiang J, University of Southern California
3—Pharmacist-Initiated Interventions for Medication Adherence in High-Risk Disease States. Castrogiovanni T, CHAS Health
5—Utilizing Indian Health Service (IHS) Counseling Techniques in an Independent Community Pharmacy to Improve Adherence Rates Among Patients with Diabetes, Hypertension, or Hypoaldosteronism. Givens N, South University, Mospan C, Wingate University, Buxton J, Cape Fear Clinic, Waggie J, King B, Brown W, Tyndall B, Seashore Discount Drug
7—Evaluation of a Mobile Pharmacy Service to Improve Medication Adherence of Long-Acting Injectable Antipsychotic Therapies. Galanto M, Wong F, University of Colorado, Tang M, Two Trees Consulting
9—Assessing Willingness of Patients Older Than Age 65 to Use Mobile Application for Antihypertensive Medications Taught by a Community Pharmacist: A Survey Intervention. Hafeman A, Safehury, Gurney M, Midwestern University
11—Impact of a Telephone Follow-Up Service to Improve Antibiotic Use in Pediatric Patients. Jacob T, Michel N, Cincinnati Children’s Hospital Medical Center, Messinger N, University of Cincinnati, Pueing E, Kroger Pharmacy
13—Comparing Adherence Rates for Targeted Chronic Disease State Medications Before and After Enrollment in an Appointment-Based Medication Synchronization Program. Jones S, Mercer University
14—The Impact of Patient Contact on the Rate of Primary Non-Adherence to Electronically Prescribed Medications in a Community Pharmacy Setting. LePere A, Wenstrom K, DeHuyse-Miller S, Ferris State University, Dettloff R, Pfizer
16—Impact of a Pharmacist-Administered Long-Acting Injectable Antipsychotic Program in a Supermarket-Based Community Pharmacy on Medication Adherence. Lin C, Albertsons Companies, Kroon L, University of California
20—Exploring Primary Nonadherence in a Hospital Medication Discharge Program. Myers J, Zillich A, Jaynes H, Lantaff W, White N, Snyder M, Purdue University, Davis H, Indiana University

Awards
The APhA Contributed Papers Program includes the opportunity for papers to be evaluated for two award programs:

- APhA-APPM Presentation Merit Award
- APhA-APRS Postgraduate Best Paper

Meet the Researchers
For a chance to talk with the researchers about their projects, attend the “Meet the Researchers” session on Saturday, March 17, 12:30 pm–2:30 pm, in the poster presentation area in Exhibit Hall D. Earn 1 or 2 CPE credits!

Podium Presentations
Papers selected for podium presentations will be presented during the Day of Science on Friday, March 16. Podium presentations are scheduled in 20-minute intervals. See pages 35, 36 and 38 for details.

Encore Presentations
Abstracts on topics relevant to pharmacy practice and pharmacy-focused scientific research in one of four abstract categories:

- Contributed Research Papers
- Innovative Practice Reports
- Reports on Projects in Progress
- Encore Presentations

Abstract Topics
Authors were asked to select a topic area that best fits their abstract. Abstracts are grouped by topic to allow attendees to easily view similar topic areas.

Poster Presentations
Posters are displayed in Exhibit Hall D of the Music City Center during the following hours:

Saturday, March 17  9:00 am–6:00 pm
Sunday, March 18  9:00 am–3:00 pm

Podium Presentations
Papers selected for podium presentations will be presented during the Day of Science on Friday, March 16. Podium presentations are scheduled in 20-minute intervals. See pages 35, 36 and 38 for details.

JAPHANet
For a chance to talk with the researchers about their projects, attend the “Meet the Researchers” session on Saturday, March 17, 12:30 pm–2:30 pm, in the poster presentation area in Exhibit Hall D. Earn 1 or 2 CPE credits!
Cardiovascular Care


31—Examining Predictors of Heart Failure Self-Care: Differences in Knowledge, Cognition, Depression, and Self-Efficacy in Patients by Health Literacy Level. Chen A, Harper N, Cedarville University, Velthe K, Flake K, Purdue University, Rauthan L, The Heart Group of Lancaster General Health

32—Measuring Clinical and Economic Outcomes in a Community Pharmacy Hypertension Management Program. Ciccone C, Sullivan University, Cooper K, Walgreens Company

33—Evaluation of Prasugrel Use When Contraindications Are Present on an Inpatient Cardiovascular Surgery Stepdown Unit. Conway G, Butler University, Czosnowski L, Indiana University Health Methodist Hospital

34—Clinical Evaluation for Potential Use of Sacubitril/ Valsartan in Heart Failure Treatment at Long Island Jewish Medical Center. Eng M, Lin Y, See J, Saad M, Maisch M, St. John’s University

35—Effects of a Targeted Approach to Transition Veterans to Statin Monotherapy for Hyperlipidemia. Hamilton E, Sheldon C, Kurkayla N, Chandler O, Ralp H Johnson VA Medical Center


37—Fondaparinux Sodium Compared with Low-Molecular-Weight Heparin for Thromboprophylaxis Among Patients with Orthopedic Immobility: A Systematic Review and Meta-Analysis. Kumar A, Farley J, University of Minnesota, Wu W, Taiwar A, St. John’s University

38—Pharmacist-Led Community Stroke Education and Screening Program. Maranoina M, North Dakota State University, Unkert P, University of Eastern Finland


42—Motivational Interviewing as a Strategy to Impact Outcomes in Patients with Heart Failure: A Systematic Review of the Literature. Pande N, Kavokinjia J, Scalese M, Auburn University

43—Evaluation of a Community Pharmacist-Led Anticoagulation Clinic vs. a Referring Primary Care Practice. Stewart A, Roark A, Schomberg R, Luebchoew A, Yoder Y, Wake Forest Baptist Health

44—Evaluation of ACE Inhibitor/ARB and Beta-blocker Reinitiation Post-Hospitalization of Acute Decompensated Heart Failure. Whitalier A, Beckett R, Manchester University, Rodeffer K, Quick S, Lutheran Hospital

45—Dual versus Mono Anti-Platelet Therapy in Ischemic Stroke. Zabi A, Neulian A, Anjum D, Borgloh A, Onor I, Xavier University

46—Protocolized CT After Thrombolysis for Stroke Study. Zabi A, Shihvee S, Zambrotho H, Borgloh A, Xavier University, Bame D, Lakeland State University

Collaborative Practice

47—Pharmacist-Operated Hypertension Clinic Within a Federally Qualified Health Center Utilizing Telemedicine Technology. Bowesell S, Clawson K, Cherokee Health Systems

48—Establishing a Collaborative Practice Agreement Within an Employer-Based Health Care Center. Brockington P, Fabel R, University of South Carolina, McEvoy A, Premise Health

49—Establishing Community Pharmacy Connections to Clinic Electronic Medical Records (EMRs). Evans W, Doucette W, University of Iowa

50—The Role of QuantiFe in Early Screening and Treatment of Peripheral Artery Disease. Fernandez D, Phan H, Zhang C, Kumar K, Hale G, Steinberg J, Nova Southeastern University


52—Integrating Community Pharmacist into Team-Based Care: Perspectives of Community Pharmacists, Prescribers, and Nurse Care Managers. Liu Y, Ferreri S, Yon C, Patti M, University of North Carolina, Renfro C, University of Tennessee

53—Patient Perceptions of Pharmacist-Directed Asthma and COPD Care Through a Collaborative Practice Agreement. Meulli E, University of Houston, Shaffer E, Walgreens

54—Proton Pump Inhibitors: Avoiding Future Side Effects. Ondertal D, Walgreens, Philbrick A, Harris I, University of Minnesota

55—Establishing a Collaborative Care Approach Toward Improving Pediatric Asthma Management Within a Federally Qualified Health Center. Petrou J, University of Colorado

56—Assessing Provider Perspectives on Integration of the Community Pharmacist into an Ambulatory Care Team. Rogine S, Abode A, Arrants S, Holland C, Realo Discount Drugs, Rhodes L, Marciniak M, University of North Carolina

57—Physician Perception of the Role of Community Pharmacists at Comprehensive Primary Care (CPC) and Comprehensive Primary Care Plus (CPC+) Sites in Ohio. Rodeffer K, Hall L, Ohio State University, Hoyt C, Uptown Pharmacy


60—Evaluation of a Community Pharmacy–Based Travel Clinic on Patient Understanding and Satisfaction. Wilkinson E, University of Kansas


Communication/Patient Education

62—Assessing Adult Perceptions of Services and Tools to Assist Caregivers of Adults Aged 50 and Older in the Grocery Store Pharmacy. Abrams B, Frontino M, Melissen P, ACME Sav-on Pharmacy, Zupec J, University of the Sciences

63—An Analysis of Meningitis B Vaccine Internet-Based Media Messages Using the Health Belief Model. Arndt H, Auburn University, Garza K, Auburn University

64—Pharmacist-Led Medication Intervention for Patients with Asthma and COPD Within a Primary Care Setting. Booker M, Drennen C, Leonard E, McConaha J, Duquesne University

65—Exploring Barriers That Prevent Health Care Professionals from Counseling Patients on Their Medications: A Systematic Review. Calkamuzio J, Gurich L, Pinto S, University of Toledo


67—Identifying Barriers That Prevent Use of Health Information Exchange in Ohio. Carpenter E, University of Toledo


70—Impact of PASS and Sync Programs in Four Community Pharmacies: An Analysis of Pharmacist Interactions and Geriatric Anticoagulant Outcomes. Duquette L, Shen L, Ding Y, University of Maryland, Teig G, Apple Discount Drugs


72—Retrospective Study of a Longitudinal IPPE Rotation Focused on Oral Anticoagulant Counseling at an Academic Medical Center. Goodrich A, Snider E, University of Missouri

73—Practitioner Perceptions of the Roles and Responsibilities Associated with Medication Counseling: A Systematic Review. Gurich L, Calcagnuogio J, Pinto S, University of Toledo

74—Evaluating the Impact of Medication Product Attributes on Sound-Alike, Look-Alike Medication Confusion Propensity. Her Q, Toh D, Harvard Pilgrim Health Care Institute


76—The Impact of Smoking Cessation Education on Long-Term Care Pharmacy Employees’ Willingness to Quit. Kang E, Plue K, Sakei J, McCabile A, Oser J, CVS Health, Lengeuf A, University of Toledo, Sakei K, Bowing Green State University


78—Evaluating the Effectiveness of Medication Administration Videos Translated into American Sign Language. Kuenzler E, Ferguson M, Southern Illinois University, Kramer S, St Louis College


80—Pharmacists: A Randomized Controlled Trial of Medication Intervention. Lee C, U.S. Food and Drug Administration, Tebe T, University of Florida, Boudreaux J, Xavier University

81—Innovative Activities Used to Educate High School Students on Preventing the Spread of Sexually Transmitted Infections. Miller S, Serratore C, Sullivan University, Spencer C, University of Louisville Hospital

82—Evaluation of College Freshman Medication and Interactions and Geriatric Anticoagulant Outcomes. Miller V, Warren M, Bentley S, Liles A, University of Mississippi

83—Patient Education on Sleep Hygiene and Medication Safety and Its Effectiveness on Insomnia Outcomes. Oguns E, University of North Carolina

84—Assessing the Quality of Drug—Drug Interaction Information in Patient Medication leaflets. Pan C, Gooden A, University of Arizona

85—On the MEND: A New Pharmacy Service in a Predominantly Hispanic Community (Mental Health and Education in Diabetes). Perez A, Navarrete J, Sian J, Lunares L, University of Texas, Elizondo K, Aboud S, Valenzuela E, Centro de Salud Familiar La Fe, Inc.

86—Evaluating the Presence of Comorbid Conditions and Characterizing the Risk Factors Included in the Ambulatory Risk Boved Warning of Canagliflozin Compared With Other SGLT-2 Inhibitors in a Large Outpatient Population. Horn B, Byrd J, Kuhl D, Michaels M, Union University

87—Analyzing the Use of Survivorship Resources in Patients with Lymphoma. Salvatore A, Fattatella N, Pomponi S, Toscani M, Rutgers University

88—Patient—Pharmacist Communication Techniques. Shin K, University of Rhode Island

89—Medication Education Provided to Young Adults: A Systematic Review. Sgath D, Villar A, Fox L, University of Wisconsin, Guirgis L, University of Alberta, Bond I, Massachusetts College


91—Relationships Among Specific Elements of Patient—Provider Communication, Trust, and Motivation Across White, African American, and Hispanic Patients with Asthma. Al A, Rawal S, Young H, University of Georgia

Diabetes


93—Familial Perception and Knowledge of Diabetes Following Diagnosis of a Loved One. Borchering K, Mobley-Bukstein W, Drake University

94—Implementing an Accredited Diabetes Education Program in a Grocery Store Community Pharmacy. Cloudt S, Big Y Pharmacy & Wellness Center, Kalista T, Capoccia K, Western New England University


97—Motivational Interviewing—Trained Pharmacists: Clinical and Humanistic Outcomes in a Diabetes Worksite Wellness Program. Eroino C, Kavokkian J, Ashburn University

98—Impact of Pharmacist Intervention on Patient Health Outcomes in a Diabetes Prevention Program. Floyd C, Burk E, Higginbotham S, Duquesne University

99—Evaluation of Pharmacist Management of Patients with Diabetes to Established Standards of Care After Implementation of a Specialized Diabetes Training Program. Hang E, Multicare Health System

100—The Development and Implementation of a National Diabetes Prevention Program at a Rural Community Pharmacy. Horne M, Gross B, Lipscomb University, Kirby J, Perkins Drugs


104—Diabetes Outcomes Associated with Clinical Pharmacy Specialist Clinic. Lee D, University of South Carolina, Worral T, Malcolm R, Ralph H, Johnson VA Medical Center


106—Diabetes Shared Medical Appointment (DMA) Benefits Sustained After Return to Usual Care. Leung A, Lee D, Phoenix VA Health Care System

107—Clinical Response to Insulin U-500 Based on Total Daily Insulin Dose Prior to Conversion from U-100 Insulin Concentrations. Langston D, Wilkes University, Williams S, St Luke’s University Health Network


109—Diabetes Outreach/Outcomes for Thrifty White Employees. Minahan P, Seda E, Thrifty White Pharmacy

110—Perceptions of the Impact of Caregivers’ Attendance of Diabetes Education Classes on Achievement of Diabetes—Related Goals. Moses M, Olenik N, Purdue University

111—What’s Your Type? A Community Pharmacist’s Approach to Diabetes Education and Its Impact on Health-Related Outcomes in a Rural Community. O’Saile C, Gross B, Lipscomb University, Randolph R, Marcrom R, Marcrom’s Pharmacy & Wellness Center

112—Evaluation of Supermarket Employees’ Perception of and Willingness to Attend a Prediabetes Employee Wellness Program by Pharmacists. Reed S, Capehart K, West Virginia University, Gooden S, Kroger Pharmacy


114—Use of a Health Risk Screening to Influence Enrollment in the CDC Diabetes Prevention Program at a Grocery Store Pharmacy Chain. Snodgrass C, Oppewall C, Kuehl P, University of Missouri, Applegate A, Bals Food Stores


Educating the Educators

125—Creation and Implementation of Pharmacy Practice Simulations Within an Experiential Curriculum. Alexander K, Mueller K, Crowe S. East Tennessee State University

126—IPPE or APPE? Community Pharmacy Preceptor Perspectives of Where to Incorporate Specific Rotation Activities. Daily B, Gattas N, St Louis College, Logan T, Rolwing E, Logan R, L&SS Pharmacy

127—Impact of a Wellness Course on Outcomes in the First-Year College Students to Develop Proper Health and Wellness Habits. Fausor A, Rush M, Kier K. Ohio Northern University

128—Assessment of a Multyear Investigation to Develop the Interprofessional Skills of Health Profession Students. King S, Schwidt V. Union University, Rogers E. Tenova Healthcare


132—Innovative Learning in Pharmacy Practice: Perceived Benefits and Barriers to a Layered Learning Practice Model. Prescott D, Barnes K, Cofey C. Ohio State University

133—Student Perceptions of Skills, Satisfaction, and Experiences Gained in P3 Introductory Pharmacy Practice Experience (IPPE) Community Rotations. Saequire K, Brauner M, Rodis J. Ohio State University

Emerging Topics

134—Impact of an Interprofessional Education Session for Second-Year Pharmacy and Medical Students. Wheeler S, Sevin Valentinio A, McAuley J, Liston B. Ohio State University

135—In Vivo Assessment of the Anticancer Efficacy of Low-Dose Etorbitin in Combination with Piperlongumine in Pancreatic Cancer Cells. Alhazine Y, McPhers. Andley T, Almutairy B. Massachusetts College


138—Utilizing Big Data Analyses in a Pharmacist-Led Integrated Medical Care Program to Manage Multiple Chronic Diseases in Taiwan. Chen Y, Chen S. China Medical University Hospital

139—Characterizing Posttraumatic Seizure Prophylaxis in Patients with Traumatic Brain Injuries at a Level 1 Trauma Center. Goalton M, University of Colorado, Carpenter S, Swartwood C. St Anthony Hospital

140—Pharmacists’ Perceptions of Rapid Diagnostic Testing in Community Pharmacies: A Diffusion of Innovations Approach. Haevelman RB, Holmes E, West-Strum D. University of Mississippi


143—Use of Antidiabetic Drugs Among Childless Adults Experiencing Medicaid Coverage Expansion in Wisconsin. Kim N, Look K. University of Wisconsin

144—Assessment of Community Pharmacists’ Confidence, Foundational Knowledge, and Coordination of Care Activities in Patients with Cancer as a Chronic Condition. Lahrman B, University of Cincinnati

145—Calcium Gluconate—Mediated In Situ Gelling of Alginites for Ocular Drug Delivery. Larfeldt M, Teague G, Graham W, Bentley S, Pricher S, Lassiter C, Reed K, Belmont University

146—Trends in Adverse Event Reporting Received Through Social Media. Maki J, Hanna M. Rutgers University, Emanuel S, Schaufelberger B, Johnson & Johnson Consumer Inc.


148—Ginsenoside Rg1 Facilitates Neuronal Polarization Via aAMP-LKB1-MARK2 Pathway. Deng Z, Huang P, Zhejiang Cancer Hospital

149—Extent and Role of Pharmacists in Expedited Placement Course Credit in Preparation for Prepharmacy and Pharmacy Curriculums. Smith S, Olenak J, Wilkes University


152—Analysis of Disease Burden vs. Time to FDA Regulatory Approval. Shingles N, Borden P, Serra Stein A, Toccani M, Rutgers University

153—Student Perceptions on Utilizing Advanced Placement Course Credit in Preparation for Prepharmacy and Pharmacy Curriculums. Smith S, Olenak J, Wilkes University


155—Medical Cannabis: Student Perceptions and Opinions on the Role of the Pharmacist. Starks N, Ulrich E, Drake University

156—Use of High Acyl Gellan to Form Insoluble Hydrogels. Thomas R, Firk M, Arthur S, Oehlers C, Reed K, Belmont University

157—Activation of PPARy by Macamides and Macamide Analogs Obtained from Lepidium Meyenii (Maca). Vu N, Massachusetts College

158—Effects of Vancomycin Use in Patients Hospitalized with Pneumonia. Yousa F, Fukunaga B, The Daniel K Inouye College


Geriatrics and Long-Term Care


163—Medication Discrepancies Identified by a Pharmacist Completing Postdischarge Transitions-of-Care Medication Reconciliation in Older Adults. Jennices K, Mansour D, Bickert D, Ruby C, University of Pittsburgh

164—Perceived Treatment Burden in Older Adults with Multiple Chronic Conditions. Joseph D, University of Pennsylvania

165—Retrospective Study of Older Adult Patients Taking Nonbenzodiazepine Sedative Hypnotics. Krepper S, Walker M, Duquesne University

166—Comparing Antimicrobial Start Benchmarks in Large and Small Long-Term Care Facilities. Neukirch A, Klepers D, Bergman S, University of Nebraska

167—Consultant Pharmacist in Assisted Living Facilities to Improve Diabetic Outcomes: A Retrospective Chart Review. Petek K, Huhmeiter K, Honeycutt M, University of Tennessee, Summers K, Mac’s LTC Solutions

168—Facilitators and Barriers to Implementing a Deprescribing Service for Older Adults with Type 2 Diabetes. Venderaar J, Caw, Remington T, Sarah K, University of Michigan
Health Disparities and Cultural Issues


170—Relationship Between Muslims’ Perceptions of Islamophobia and Perceived Health Care Barriers. Alshehri A, Banner J, Brown C, Ford K, Rascati K. University of Texas, Austin, S. Muslim Children Education and Civic Center

171—Cost Savings Associated with Utilization of Donated Medication Program in the Hospital Outpatient Pharmacy Setting. Blackburn H, Dispensary of Hope, Neu D, Bennett A, Saint Thomas Health

172—Identifying Key Factors Associated with High-Achieving Chain Pharmacy Teams Delivering Quality Care for Patients in Medically Underserved Areas. Check B, Leachman N, Ngo T, Plotcher S, Borja-Hart N. University of Tennessee, Finchum J, Matthew 25


174—Language Resources at Pittsburgh Community Pharmacies in Refugee-Concentrated Areas. Taylor A, Ingram J. University of Pittsburgh

175—Inclusion of Racial and Ethnic Minorities in Asthma Clinical Trials. Mereda E, US Food and Drug Administration, Sims J, Southern Illinois University

176—Developing Cultural Competency Education Materials to Improve Cultural Awareness in an Accelerated Health Care Program. Allen J, Bemunudo R, Chakraborty A, Roseman University

177—Importance of a Pharmacist on Interprofessional Global Medical Bridges. Rumanowski A, Nardolillo J, Eisenhower C, Charpentier M, Ingemi A. University of Rhode Island

178—An Interprofessional Feasibility Trial of Telehealth for Patients with Parkinson Disease in Two Rural States. Singh B, Milano V, Fox L. University of Wyoming, Guirguis L, University of Alabama, Bond I, Massachusetts College

179—Asthma and Health-Related Quality of Life in Late Midlife Adults. Uristonitis B, Despande M, Arnoldi J, Southern Illinois University

180—Evaluation of Student Pharmacists as Patient Care Providers in Medically Underserved Community Pharmacies. White N, Gaff K, Skrabal M, Jones R, Creighton University, Ridgway J. University of Nebraska

181—Are Self-Efficacy and Knowledge Associated with Medication Adherence and Asthma Control in Hispanic Adults with Asthma? Rawal S, Ali A, Young H, University of Georgia

Health Literacy


183—Health Literacy and Readiness to Initiate Treatment for Osteoporosis in an At-Risk Sample of US Women. Miller M, Texas A&M University, Danila M, Mudana A, Rahn E, Saag K, Outman R, University of Alabama


185—Assessment of Patient Medication Literacy. Doverty T, South College

HIV and Acquired Immunodeficiency Syndrome

186—Impact of Specialty Pharmacy Services on Antiretroviral Medication Adherence Rates, Viral Loads, and CD4 Counts in Adult Patients with Human Immunodeficiency Virus. Carpenter C, McCafferty C, University of New England


191—Assessment of HIV-Positive Patients’ Perception and Referral Sources for Immunizations Compared to the HIV-Negative Population. Milia A, Arnett S, Miller M, Purdue University

192—Effect of Patient Travel Time to Clinic on Plasma HIV Viral Suppression in Patients Receiving Care at the Nebraska Medicine Specialty Care Clinic. Pohren L, University of Nebraska, Padayi A, Klepsier D, Haverm J, Scarsi K, University of Nebraska Medical Center

193—Patient Perception of TDF to Non-TDF-Based HIV Medication Switch. Sissia A, Schaefer J, Thomas Jefferson University

194—Determining the Effectiveness of a One-on-One HAART Education and Adherence Monitoring Program in a Chain Community Pharmacy Pilot Study. Yanne J, Hussein S, Chicago State University Chicago State University

Immunizations

195—Assessment of Accuracy for Adult Immunization Recommendations by Chain Community Pharmacies in Arizona. Ahern D, Varney J, Campbell P, University of Arizona

196—Value-Based Model for Incentivizing Adult Immunizations at Community Pharmacies. Bersnbrook L, Renner H, Somma McGinney M, Coley K, University of Pittsburgh


199—Impact of a Pharmacist-Led Education Program on Rates of Initial Pneumococcal Polysaccharide Vaccination Among Vaccine-Eligible Adults with Asthma and COPD. Eshus J, Trotta K, Johnson S, Campbell University, Wilton N, Walgreens


201—Conducting Pneumococcal and Shingles Vaccine Status Assessment During Targeted Medication Reviews. Flores L, Rhodes L, Marciniak M, University of North Carolina, Holier A, Mustafa R, Walgreen Company

202—Optimizing Student Pharmacist Placement to Enhance Influenza Vaccinations in Community Pharmacies. Corofdal G, Caparth K, Feng X, Simbamboroi U, West Virginia University, Kinney O, Kroger Pharmacy

203—Impact of a Multicomponent Immunization Intervention on Pneumococcal and Herpes Zoster Vaccinations: A Randomized Controlled Trial of Community Pharmacies in Two States. Herrmann L, Hails M, Gans S, Westphal L, Aurora, Hanson M, Duke University, Huston S, Da D, Keck Graduate Institute

205—Effect of Pharmacist Intervention on Herpes Zoster Vaccination Rates in a Federally Qualified Health Center. Issa J, University of Arizona


209—Immunogensity and Safety of an Adjuvanted Herpes Zoster Subunit Vaccine Candidate When Coadministered with a 23-Valent Pneumococcal Polysaccharide Vaccine in Adults 50 Years of Age or Older: A Phase III, Randomized Clinical Trial. Havelch J, Business and Decision Life Sciences for GSK, Cai H, Pfizer Inc, Poder A, Clinical Research Center, Gerson J, Colchester Research Group, Enweonye I, Heineman T, Genecis Biosciscs, Herve C, Wauters D, Oostvogels L, GSK, Rheaut P, Medicor Research Inc, Tall J, Innomedica Medical Center


211—Herpes Zoster (HZ) Revaccination Strategies: Assessment of the Potential HZ and Postherpetic Neurailgia Case Avoidance in the United States for People Previously Vaccinated Against HZ. Patterson B, Buck P, Pawlowski J, GSK, Carrico J, Hicks K, RITI Health Solutions, Curran D, Van Oorschot D, GSK Vaccines, Lee B, Johns Hopkins University, Yawn B, University of Minnesota
212—Impact of a Pharmacist-Extender Training Program to Improve Noninfluenza Vaccination Rates Within a Single Division of a Large, National Supermarket Chain Pharmacy. Percy J, Crain, J, Marchetti M, Atchley D, Rein L, Kroger Pharmacy, Holmeyer K, University of Tennessee Health

213—Evaluation of Immunization Compliance in Kidney Transplant Patients in an Academic Medical Center Pharmacy. Shum J, Mirzaan E, University of Southern California

214—Evaluation of the Most Frequently Administered Immunizations in the Community Pharmacy Setting Within Three Districts of a National Pharmacy Chain. Tat D, Kinsey J, Mercer University, Clark A, Yi Y, Rite Aid Pharmacy

215—Enhancing Adult Immunization Care in Community Pharmacies: A Qualitative Analysis. Tran M, Bacci J, Sy E, Odell-P D, University of Washington


218—National Survey of Pharmacy-Based Immunization Services. Westrick S, Kader M, Rashid M, Auburn University, Patterson B, Buck P, GSK, Rotholz M, American Pharmacists Association

219—Impact of Pharmacist-Delivered Education on Early Parent Awareness and Perceptions Regarding Human Papillomavirus (HPV) Vaccination in the Community Pharmacy Setting in West Virginia. Wick J, Elswick B, West Virginia University, Austin J, Kroger Pharmacy

Laws and Regulations

220—Survey of Extemporaneous Compounding Utilization and Standards in Minnesota Pharmacies: Comparison of 2017 vs. 2010 Results. Bastianelli K, Broughton J, University of Minnesota

221—Assessment of Drug Lag for Priority Review Drugs Approved in the United States, Europe, and Canada. Ghasawzadeh S, Balkis M, Massachusetts College

222—Pharmacist-Led Initiative to Reduce Opioid Use in an Ambulatory Care Setting. Hutchinson C, Micko D, University of New England

223—Evaluation of FDA Warnings and Untitled Letters on Social Media Usage and Pharmaceutical Companies’ Usage of Twitter Pre- and Post-publication of the 2014 FDA Draft Guidance for Internet/Social Media Platform Usage. O’ Conare E, Parkh V, Toscani M, Rutgers Pharmaceutical Industry Fellowship Program

224—Assessing State-Mandated Training Requirements for Narxone-Dispensing Pharmacists. Roberts A, University of Kansas, Smith A, Creighton University, Carpenter D, University of North Carolina, Legek K, University of Wisconsin

225—Analyzing Medical and Recreational Cannabis State Laws—A Pharmacological Perspective. Wong F, Fransen K, University of Colorado

Marketing and Management


227—Do Direct-to-Consumer Prescription Drug TV Advertisements Influence Patients’ Medication Use? Allen A, Cooper B, Adate E, Ohio Northern University

228—A Process to Meet Quality Indicators and Generate Revenue Using Pharmacy-Based Services. Mustopak, B, Balkis M, Austin S, Drake University

229—Evaluating Sustainability of a Travel Health Clinic in an Independent Pharmacy. Parrish A, Bolea Aguirre C, University of Georgia, Thurmond C, Village Drug Shop

230—Identifying Pharmacy Characteristics Associated with Effective Implementation of a Medicaid Community Pharmacy Care Management Intervention. Turner K, Troytong J, Weinberger M, Sha C, Ferretti S, Fatti M, Ray N, Rite Aid Pharmacy, University of Minnesota, Renfro C, University of Tennessee

Maternal, Child, and Women’s Health


234—Exploring the Role of Medication Adherence on Health-Related Quality of Life in Women Diagnosed with Polyyclic Ovarian Syndrome. Neuen J, Chapman University


236—Preconception Care Needs Among Female Patients of Childbearing Age from an Urban Community Pharmacy. Reidenbach M, Balle L, Ellis A, Spartan Pharmacy, Bright D, Ferris State University, DiPietro Mager N, Ohio Northern University

237—Pharmacists’ Perspectives on Counseling Adolescents and Young Adults on Sexually Transmitted Infection Prevention and Treatment. Rabin M, University of Pittsburgh, Abraham O, Feather’s A, University of Pittsburgh

238—Evaluation of Nonadherent Pillzivumab in an Inpatient Setting. Sallah E, Rutgers University, McDonald D, Robinson C, Atlantic Health System

239—Findings of Key Differences Between Prescription and Nonprescription Prenatal Vitamins That Might Influence Product Choice. Siddhale, Brunet, Dewe J, National Institute of Health


241—Trends in the Prescribing of Medications During Pregnancy or Preuerperiurn in Ambulatory Care Settings. Weatherhi S, Manero M, Aksen G, Dafftary M, Wingale L, Ettorre E, Hospital University

Medication Reconciliation


243—Impact of Student Pharmacists Performing a Medication Reconciliation Pilot on General Medicine Floors at a Large Academic Medical Center in Boston. Tsang A, Kat Z, Nouwen T, Mitchell F, Carroll L, Massachusetts General Hospital

244—Multidisciplinary Approach to Improve Patient Safety Through the Medication Reconciliation Process. Searle M, Palm Beach Atlantic University

245—Primary Care Medication Reconciliation Workflow Analysis: Opportunities for Community Pharmacist Collaboration. Stockeotwurk K, Smith M, University of Connecticut

Medication Therapy Management

246—Impact of Short-Term Carbapenem Restriction on the Incidence of Multidrug-Resistant Gram-Negative Bacilli in the Intensive Care Unit. Abbas aH, Marla A, Alhag A, King Saud Medical City

247—Association Between Behaviors and Attitudes of Pharmacy Technicians and Medication Therapy Management (MTM) Completion Rates. Adeoye O, Snyder M, Purdue University, Lourens S, Morris R, Indiana University

248—Impact of Pharmacist-Based Medication Therapy Management (MTM) Services on Clinical, Economic, and Humanistic Outcomes for Patients with Type 2 Diabetes. Abbas A, Hults B, Nova Southeastern University

249—Retrospective Analysis of Medication Therapy Problems Identified During Medication Synchronization. Anderson S, Dusette W, Weiss S, Willy M, University of Iowa, McDonal D, Towncentre Pharmacy

250—The Iowa New Practice Model: Expansion of an Initiative to Enable Pharmacists to Provide More Patient Care Services. Andressen M, Drake University, Meyers M, Gainer K, Pudlo A, Iowa Pharmacy Association

251—Adoption of a Technician-Driven Medication Therapy Management Program in Community Pharmacies. Burrent M, Scott N, Smith M, University of Arkansas


256—Implementing a Student Pharmacist—Run Medication Therapy Management Program in a Community Pharmacy. Hintz T, Wryttrock K, McKay K, Idaho State University


APha2018 Annual Meeting & Exposition 63
CONTRIBUTED PAPERS

303—Evaluation of Transdermal Amitriptyline Pain Gels Compounded from Pure Powder or Oral Tablets. Amstrong S, Sanford University

304—Impact of an Opt-Out Naloxone Program in an Independent Community Pharmacy. Khalil A, Rebich C, University of Georgia; Roark E, Barney’s Pharmacy

305—Pharmacist’s Role in Opioid Management in a Federally Qualified Health Center. Lau C, Powers C, Bertsch M, Sun Life Family Health Center

306—Comparison of Transdermal Ketoprofen Pain Gels Compounded with Pure Drug Powder or Manufactured Capsules. Powell S, Sanford University

307—Evaluation of Opioid Use Among Community-Dwelling Older Adults: The Role of CYP450-Mediated Drug Interactions. Sarker T, CareKinesis, Bain K, Turgeon J, Tabula Rasa Healthcare


309—Patient Perspectives of Community-Based Pharmacist’s Prescribing. Cislo N, Rocafor T, Layson-Wolf C, University of Maryland


311—Qualitative Research into the Barriers for Effective Patient Self-Management of Comorbid Diabetes, Obesity, and Asthma. Feehan M, University of Utah, Feehan R, Kantar Millward Brown, Ranker L, Independent, Montuoro J, Smith’s Food and Drug, Litchman M, Allen N, University of Utah, McAdam Marx C, Arkansas University

312—Using Warm Handoffs from Providers to Clinical Pharmacist to Improve Patient Engagement and Disease Management. Patane L, Chiaromonte C, Turner K, University of Utah

313—Contrasting the Public Opinion of Pharmacists Across States with Different Scopes of Practice. Ciska M, Castro D, Valita K, University of Illinois, Leung A, Nguyen M, Ninth S, University of the Pacific


315—Patient Perceptions of the Pharmacists’ Patient Care Process (PCCP) Within an Independent Community Pharmacy. Nelson N, Dalton E, South University, Howell L, Richmond Hill Pharmacy


Patient Care Services

321—Medication Therapy Problems and Vaccine Needs Identified During Appointment-Based Medication Synchronization Enrollment Visits. Arroyo O, Virginia Commonwealth University

322—Implementation of a Community Pharmacy–Led Congestive Heart Failure Clinical Service Within a Hospital Institution. Babia A, McCants T, Unonu J, Maneno M, Howard University, Bailey J, Walgreens


324—Impact of Medication Synchronization Programs for Select Maine Population on Proportion of Days Covered (PDC) Scores and Medicare Part D Medication-related Adherence Metrics. Berners S, McCall K, Tu C, University of New England, Caylor H, Martin’s Point Health Care, O’Toole M, Delhaize America


327—Exploring Health Care Setting Specific Barriers that Prevent Health Care Professionals from Counseling Patients on their Medication: A Systematic Review. Calmacjuggo J, Gurich L, Pinto S, University of Toledo College


329—Impact of a Pharmacist and Student Pharmacists Conducting Home Visits. Chin C, Joseph V, St. John’s University

330—Implementation of Osteoporosis Screening Services for Women at an Outpatient Pharmacy Within a Health System. Ciska E, Ojuric Katich M, Babul N, University of Illinois

331—Effectiveness of Community Pharmacist Integration into a Patient-Centered Medical Home on CMS Clinical Quality Measure: Hemoglobin A1C. Condon L, Stafford R, Smith M, University of Arkansas

332—Patients’ Medication Needs and the Community Pharmacist’s Role Following a Natural Disaster. Cuevas, Akevado D, Nicole Q, Melin K, University of Puerto Rico


334—Community Pharmacist Intervention of Inhalar Technique Optimization in Patients with Poorly Controlled Asthma/COPD. Davis H, Mistry A, Machado M, Massachusetts College

335—Pilot Study to Assess Outcomes of a 4-Week Drug Allergy Clarification Program on a General Medicine Floor. Dean C, White W, Sanford University


337—Impact of a Bidirectional Referral System on Diabetes and Hypertension Management. Dermond E, Dang Y, University of Maryland

338—Evaluating the Early Implementation of Pharmacist-Provided Patient Care Services of a Statewide Pharmacy Network Within a Regional Grocery Chain Pharmacy. Donmez E, University of Pittsburgh, Berenbrok L, Caylor K, McGivney M, Antinopoulos B, University of Pittsburgh, Moore C, Richardson R, Giant Eagle Pharmacy

339—Patient Perceptions of Pharmacist Clinical Services Following Comprehensive Medication Review. Dunlop M, Caney B, Duquesne University, Sidone B, Mainline Pharmacy

340—Intervention by a Community Student Pharmacist for the Initiation of Statin Therapy in Patients with Type 2 Diabetes. Dunne N, Stewart A, Boulus J, University of North Carolina, Holland C, Reiso Discount Drug

341—Implementation of an Electronic Medical Record in Student-Led Health Screenings. East C, Clark S, Johnson B, Dault R, Calo J, Sanford University

342—Project Taking Charge: An Interprofessional Health Promotion Program. Tong T, Eng H, University of Arizona

343—Pharmacy Interns’ Perceptions of Knowledge and Skills Required for Patient Care Services Delivery. Fox L, Nadpara P, Goode J, Virginia Commonwealth University, Harrison A, Kroger

344—Determining Processes and Impacts of an Inter-Professional Student Team on Super-Utilizers of the Healthcare System. Eriy J, Duncan A, HN, Grapcauz M, McGettigan L, Wilkes University

345—Time and Motion Study of Pharmacist Prescribing of Hormonal Contraceptives in Community Pharmacies. Frost T, Small D, Doyle J, Pacific University, Klepsner D, University of Nebraska


347—Targeted Interventions for Naloxone Prescribing. Gonzales T, Caldo J, Sanford University, Zambo M, Auburn University, Garmon C, CVS Health

348—Student-Led Integration of Medication Disposal Envelopes into Pharmaceutical Care of Older Adults. Greens A, University of Pittsburgh

349—Does Practice Setting Influence the Roles and Responsibilities of Health Professionals When Performing Medication Counseling? Gurich L, Calmacjuggo J, Pinto S, University of Toledo

350—Comparison of A1C Control with Pharmacist Involvement in Uninsured Patients with Diabetes at an Academic Medical Center. Hanson S, Johnson A, University of North Carolina

351—Implementation of Educational and Referral Programs in Community Pharmacies to Assist Medicare Beneficiaries with Limited Income. Hirt K, Margalit J, University of Tennessee, Hohmann L, Westrick S, Auburn University


355—The Refill Assist Program: A Proactive Therapy Scheduling Service. Liebrecht A, Ohio Northern University, Summerlin C, University of Maryland, Langel M, Johns Hopkins Outpatient Pharmacy

356—Perception of Interpretation Services for Patients with English as a Second Language During Pharmacist-Led Chronic Disease State Management Programs. Lievin L, Russeringer J, Melton B, University of Kansas, Prohaska E, Steele K, Ball's Food Store.


364—Utilization of Pharmacist-Performed Rapid Influenza and Group A Streptococcus Testing and Treatment in the Community Pharmacy Setting: Economic Value and Patient Satisfaction. Phane E, Mirrane F, University of Southern California, Alshehhi N, ClinicCare Pharmacy.


367—Ketogenic Weight Loss Clinic in a Rural Ambulatory Care Setting. Roth C, Bertsch M, Hatchard J, Pawero C, Sun Life Family Health Center, Slack M, University of Arizona


370—Health Care Provider Preferences Regarding Community Pharmacy-Based Clinical Services. Shumaker L, Hometown Pharmacy.


373—Lessons Learned and Real-World Challenges of Implementing Clinical Pharmacy Services in a Primary Care Office. Steckowich J, Smith M, University of Connecticut.


375—Challenges and Opportunities to Support Medication Use for People Living with Cystic Fibrosis. Syedn N, Feathers A, Abraham O, University of Pittsburgh.


378—Impact of Proactive, Pharmacist-Driven Spirometry Referral Service in a Primary Care Setting. Whitmer J, Valincenta A, Ohio State University, Mueller L, Community Health Network, Wright E, Primary One Health.


381—How Does Inhibition of Cyclin-Dependent Kinase 7 (CDK7) Affect the Growth of Breast Cancer Cells? Hennes CH, Chang-Le J, Brodie E, University of South Carolina, McDermott M, University of California.


384—Drug-Induced Phenocconversion Among Community-Dwelling Older Adults Who Received a Pharmacogenomic Consultation. McAulay D, Bain K, CareKinesis.


386—First Molecular Evidence of ABCCC5, a Drug Efflux Transporter in Human Urothelial Bladder Cancer Cells. Rana D, Afeli S, Presbyterian College.

Personalized Medicine/Pharmacogenomics

387—Tuberculin Skin Test (TST) Administration and Reading in the Outpatient Supermarket Setting: Attitudes and Barriers from Pharmacists and University Faculty and Students. Acosta J, Safeway, Gurney M, Midwestern University, Marzuk P, Lesser C, Hamper J, Albertsons Companies.


390—Effectiveness of a University-Based, Pharmacy-Specific Medical Reserve Corps in Increasing Pharmacy Personnel’s Knowledge of and Willingness to Respond to Public Health Emergencies. Anderson S, Streeter L, Capital City Pharmacy Medical Reserve Corps, Foster B, Howard University Medical Reserve Corps.


396—Community Pharmacies’ Perceptions and Barriers in Completing the Follow-Up Step of the Pharmacists’ Patient Care Process. Elliott E, Hudspeth B, Grise W, Schudler A, Divine H, University of Kentucky.
Professional Development


414—What Determines the Success of New Practitioners Entering the Pharmacy Workforce? Janke K, Bechtel K, University of Minnesota, Nelson M, De-Bloomfield, Drake University

416—Cocurriculum Development at an Accelerated Doctor of Pharmacy Program. Ford J, Gentry W, South College, Freeman N, Trent S, University of Tennessee Medical Center


419—Educational Board Games Adjacent to Traditional Lectures for Learning Infectious Diseases. Hu S, Ethridge H, Samuel E, Cates D, Philadelphia College


421—Assessment of Professional Growth in Student Pharmacists from the Organizing and Execution of Interdisciplinary Global Medical Mission Trips as an Immersive Extracurricular Activity. Lee J, Pan J, University of Washington


423—Continuing Professional Education Practices of Community and Hospital/Clinic Pharmacists in the Upper Midwest: Professional Specialization, Population-Driven Self-Education, or Something Else? Marvanova M, North Dakota State University; Henkel P, University of Eastern Finland


426—National Pharmacy Students’ Preferences of Post-Graduate Career Options. Merkle M, McManus A, Scott S, Douglas M, Northeastern University, Monpara A, Partisano A, Ahylnam Pharmaceuticals


428—Characteristics Valued by Employers When Hiring a Recently Graduated Pharmacist. Stockbland, Hammmonds W, Guld J, Thomason D, Samford University

429—Cognitive Biases in Student Pharmacists. Vuong M, Shaffeur E, Guld J, Samford University

430—On the Path to PhD? PharmD Student Perceptions of Advantages and Barriers to Seeking Master’s and PhD Programs. Watterson T, Chui M, University of Wisconsin-Madison


432—Perceptions of Pharmacists Based in Utah About Pain Management and Opioid Dispensing. B Educational Council for Pharmacy Education (ACPE)


434—Student Pharmacist-Led Wellness Screenings for Underserved Populations: Barriers, Opportunities, Lessons Learned. Tavlos D, Page N, Bozka T, Brumbaugh J, Ohio State University


437—Treatment of Latent Tuberculosis Infection with Rifapentine and Isoniazid in New Mexico Pharmacies. Jakeman B, Logothetis S, Bachynskyj A, Borrego M, Roberts M, Bursen M, University of New Mexico, Fortune D, Ferreira J, New Mexico Department of Health


440—Houston Harvey Heroes—Pharmacist Provides Lingeriing Support for an Unprecedented Catastrophe. Madhavan S, University of Houston College of Pharmacy

441—Implementing Student Pharmacist Tuberculin Skin Test Training Using Team-Based Learning. Bertch T, McKeimian K, Panther S, Washington State University

442—Assessing Latent Tuberculosis Treatment and Identifying Barriers in a Medically Underserved Population. Murphy C, Naseman K, Faella A, Ohio State University


450—Evaluation of Prescription Class I Drug Recalls and Identification of Best Practices. Burd E, Pratt L, Mathew J, Rutgers University, Toscani M, Rutgers Institute for Pharmaceutical Industry Fellowship


452—Efficacy of Urea vs. Tolvaptan in the Treatment of Hyponatremia. Downey T, Fox L, University of Wyoming


457—Ciprofloxacin and Levofloxacin: Twitter versus Food and Drug Administration Adverse Event Reporting System. Harpster E, Purdue University, Hultgren K, Center for Medication Safety Advancement


461—Identification of Factors Contributing to Poor Blood Glucose Control in ICU Patients. Kraneau J, Locke M, Langrock J, Smith M, University of Iowa

462—Accuracy and Completeness of Patient Allergy Information in a Community Pharmacy. Krinsky D, Miller C, Webb D, Northeast Ohio Medical University


464—Assessing Long-Term Use of Proton Pump Inhibitors for Patients Enrolled in a Multi-Hospital Community Health System Sponsored Medication Assistance Program. Lazarevski V, Chandler M, Papageorgiou R, NorthShore University HealthSystem

465—Pharmacist-Managed Urinary Tract Antimicrobial Stewardship Program for Patients Discharged from the Emergency Department. Lewis G, University of Illinois, McDowell M, Mt Sinai Hospital and Health Systems

466—Impact of Community Pharmacist Intervention on Concurrent Benzodiazepine and Opioid Prescribing Patterns. Luchen P, Pruchaska E, Balls Food Stores, Rusingar T, Melton B, University of Kansas

467—Implementation of Education and Hardwired Protocol for Prevention of Hypoglycemic Events in the Inpatient Setting. Mehra M, Virginia Commonwealth University, Healy V, Triova Loudon Hospital


469—Updated Review on Antiviral Therapy for Pregnant Women with Chronic Hepatitis B Virus Infection. Okoli A, Suzuki M, Pacific University

470—Estimating the Health Care Expenditure Burden of Patients with Cancer in the United States. Park J, Lack K, University of Wisconsin

471—Using Participatory Design to Develop a Pharmacy-Based Intervention to Improve OTC Medication Safety for Older Adults. Beddy A, Stone J, Chui M, University of Wisconsin, Lester C, University of Michigan, Holden R, Purdue University

472—Impact of Safety Matters: Executive Walk-Rounds in Ambulatory and Inpatient Hospital Settings. Sangani A, Ko E, Fiumara K, Desai S, Ulbricht C, Brigham and Women’s Hospital, Department of Quality and Safety

473—Gaps in Error Knowledge as New Medication Technologies are Adopted: The Case of Electronic Prescribing and Automated Dispensing Cabinets (ADCs). Shah S, Galt K, Fuji K, Bramble B, Kaufman T, Creighton University

474—Hospital ADEs Due to Anticoagulants, Diabetes Agents, and Opioids: National Trend Analysis. Sheidery F, Bleist B, Nova Southeastern University

475—Evaluation of Appropriate Indication and Dosage of Darbepoetin-Alfa in a Teaching Institution. Goldshern S, Soffer M, Kumar S, Long Island University, Lura A, Kings County Hospital


477—Evaluation of Appropriateness of Outpatient Direct Oral Anticoagulant Prescriptions in a Multi-Hospital Community Health System. Trim S, Bloziszewski M, NorthShore University HealthSystem

478—Evaluation of an Oral Ribavirin Protocol for Treating Community Acquired Respiratory Virus (CARV) Infections in Patients with Hematologic Malignancy. Wang E, Yang E, University of Colorado Hospital

479—In-Depth Analysis of Fair Balance in Direct-to-Consumer Broadcast Advertisements. Zhao G, Student, Sanghavi K, Lipp, Rutgers Pharmaceutical Industry Fellowship


481—Impact of a Multidisciplinary School-Based Asthma Program on Asthma Outcomes. Barrett C, Elliott J, Sossong N, Dewhirst P, Al Ghamidi N, Duquesne University, Gentile D, Pharmaceutical Alliance, Pediatric Care, Morghen T, Morghen Consulting, LLC

486—Impact of Community Pharmacists on Missouri Medicaid Patients with Moderate-to-Severe Persistent Asthma. Hurtley K, Liu Y, Stoner S, Guthrie K, University of Missouri, May J, Hartwig D, Red Cross Pharmacy Inc


488—Improving Youth Question-ASKing and Provider Education During Pediatric Asthma Visits. Sraith B, Carpenter D, Davis S, Garcia N, University of North Carolina, Lee C, Polygnot Systems

489—Community Pharmacist Assessment of Asthma Control. Wylde T, Veach S, Gooden A, Willy M, University of Iowa, Jerrell B, Hy-Vee Pharmacy

Specially Pharmacy, Substance Abuse and Addictions

490—International Comparison of Mitigation Strategies Affecting Opioid Abuse and Overdose. Anikoma-Dirks B, Cimashuwake Ula R, Park S, Maryland University

491—Pharmacists’ Role in an Interdisciplinary Team-Based Care Approach to the Treatment of Opioid Use Disorder at a Community Health Center. Baumann A, Skriver J, Northeastern University, Youn R, Polisiky K, Walgreens, Ryan V, South End Community Health Center


495—Pharmacist Impact on Time-to-Dispense for Oncology Specialty Medications. Fanza R, Tortoreto P, Loyola Medical Center


497—Impact of a Pharmacist-Driven Intervention on Outpatient Dispensing of Naloxone. Griffith S, Wishart D, Bricker K, Luebchow A, Wake Forest Baptist Health

498—Assessing the Impact of a Patient Care Management Program on the Rate of Clinical Interventions made By Pharmacists at a Specialty Pharmacy in Transplant Patients. Hatchett B, Walgreens Pharmacy

Respiratory Care

485—Implementation of Extended Long-Acting Beta2 Agonists in Fixed-Dose Combinations in Asthma and COPD: A Systematic Review. Buonanno S, Miserocchi M, Pescacci G, University of Rome, Reinstein E, Kansas University, Tarantino T, Rome University, Marra G, University of Rome

486—Impact of Community Pharmacists on Missouri Medicaid Patients with Moderate-to-Severe Persistent Asthma. Hurtley K, Liu Y, Stoner S, Guthrie K, University of Missouri, May J, Hartwig D, Red Cross Pharmacy Inc
500—Impact of Ongoing Therapeutic Competency Training to Staff Members in a Health System Based Specialty Pharmacy. Kimmel B, University of Illinois

501—Implementation of Prescription Drug Monitoring Programs Associated with Reductions in Per Capita Prescribing of Opioids. McCullough K, Bernard K, Carrigan C, Tu C, University of New England, Piper B, Geisinger Commonwealth School of Medicine, Nicholas S, Huston University

502—Pharmacist Involvement in Oncology-Based Patient-Reported Adverse Effects in Community-Based Specialty Pharmacies. Proesch J, Jean M, Battas N, St Louis College, Locksley L, Smith A, Brand A, Holltrowe K, Tenisky N, Walgreens


505—Evaluating Arizona Community Pharmacists’ Knowledge and Confidence in Effectively Dispensing and Providing Patient Education for Naloxone Therapy in a Grocery Store Chain. Penny J, Jackowski R, Midwestern University, Rice W, Fry’s Pharmacy


512—Standardized Documentation Workflow Within an Electronic Health Record to Track Pharmacist’s Interventions in Pediatric Ambulatory Care Clinics. McNeil N, Sebastian S, Nationwide Children’s Hospital, Karen C, Nationwide Children’s Hospital-Partners for Kids


514—Pharmacy Practice Innovation Research Centers Across the United States. Sadek T, Baek S, Dixon D, Virginia Commonwealth University, Lalitha E, Howard University

515—Assessment of Central Fill Pharmacy Automation Implementation in Academic Medical Center Outpatient Pharmacy Workflows. Schneider T, Reichert B, Johns Hopkins Home Care Group, Swartz M, Johns Hopkins Health System, Rusinko J, Johns Hopkins Home Care Group, Outpatient Pharmacy Services

516—Pharmacist Integration in Endocrinology Practice: Documenting the Documentation Barriers. Zafar R, Eyyosukian C, Shartel A, University of Maryland, Patel R, St Johns University, Kucharski K, Sanofi

517—Impact of Pharmacist Interventions at Discharge on Heart Failure Readmission Rates. Aurora J, Jurzatkowski A, St Vincent’s Medical Center


519—Transforming the Pharmacy Practice Model in SNF and LTC Setting. Fueller A, Alessi C, TIRR Memorial Hermann


521—Providers’ Considerations to Implementing Transitions-of-CareClinic in a Federally Qualified Health Center. Davis B, Fletcher L, HealthLink, Vincent A, Purdue College

522—Posthospital Discharge Automated Calling Program to Identify and Resolve Medication-Related Issues During Care Transition. Felip J, Saldivar V, Pinn T, Finder J, Houston Methodist Hospital

523—Decision Makers’ and Staff Perceptions of the Pharmacist’s Role in Transitions-of-Care Programs. Foster G, Gatewood S, Nadpara P, Goode J, Virginia Commonwealth University, Kerber T, Bremo Pharmacy


525—Transitions-of-Care Coordination Readmission Rates. Fu C, Kraemer K, Schmidt T, Doyle C, Phillips B, Thrifty White Pharmacy

526—Demonstrating the Value of an Innovative Transition-of-Care Pharmacy Service with Quality Measures and a Unique Way of Gauging Significance of Pharmacy Interventions. Kristjeller J, Manning D, Wilkes University

527—Impact of Readmission Rates When Patients Receive Medications from an Integrated Outpatient Pharmacy Prior to Discharge Tracked with the Use of Pharmacy Application Technology. Mercadi C, Thomas R, ProDoseRx

528—Implementing a Transitional Care Program in an Enhanced Services Independent Community Pharmacy. Nicholas B, Kennelly K, Wity M, Veitch S, University of Iowa, Pilkington W, Greenwood Pharmacy

529—Implementation of a Student Pharmacist-Driven Medication Reconciliation Service for Ambulatory Oncology Patients in a Large Academic Medical Center. Phan H, Williams M, Fu D, Johns Hopkins Home Care Group, Brown V, McElroy K, Burton B, Johns Hopkins Hospital


531—Evaluation of an Independent Community Pharmacist-Led Transition-of-Care Service for Discharging Skilled Nursing Facility Patients. Saether A, Stuey’s Bay Natural Pharmacy

532—Improving Transitions of Care: Pharmacist Involvement with Skilled Nursing Patients. Schneider E, Hunter N, Waggett A, UnityPoint Health
