Adherence and Persistence

Ability of Adherence Packaging to Impact Medication Adherence in Patients With Alzheimer’s Disease.
Cane M, McEvoy A, University of Buffalo School of Pharmacy and Pharmaceutical Sciences (2)

Analysis of Adherence Notes From a Service-Oriented Community Pharmacy.
Witty M, Parry R, University of Iowa College of Pharmacy, McDonough R, Deninger M, TowneCare Pharmacy (3)

Analyzing Patterns of Medication Adherence of Patients With Diabetes in a Chain Community Pharmacy.
Berentroth I, Walker D, University of Pittsburgh School of Pharmacy, Richardson R, Jordan C, DeJanes J, Giant Eagle, Somma McGivney M, Coley K, University of Pittsburgh School of Pharmacy (4)


Assessment of Pharmacists’ Interventions to Reduce Financial Barriers That Contribute to Nonadherence to Oral Oncolytic Therapy.
Sultan S, Allen S, University of Illinois at Chicago College of Pharmacy, Sommers-Hanson J, Malik-Islami I, Walgreens (6)

Association Between Medication Beliefs and Adherence Among Diverse, Low-Income Patients With Chronic Disease at a Community Health Center.

Cost-Benefit Analysis of Appointment-Based Medication Synchronization in Community Pharmacies.
Paterson J, Holdford D, Virginia Commonwealth University School of Pharmacy, Savanna K, St. Jude Medical (8)

Description of Patient-Centered Medical Home Pharmacies’ Interventions: Intensifying Regimens and Avoiding Adverse Effects.
Franco J, Chapman University School of Pharmacy, Remington T, Bata P, University of Michigan College of Pharmacy, Choe H, University of Michigan Health System, Foris K, University of Michigan College of Pharmacy (9)

Development of the Adherence Predictive Index for Medication Taking.
Schlomma J, Olson A, University of Minnesota College of Pharmacy, Tietger P, SpeedReading People LLC, Brown L, Tomaszewski D, Chapman University School of Pharmacy (12)

Does the Morisky Medication Adherence Scale Work for Measuring Adherence to Oral Contraceptives?
Azaros B, University of Minnesota College of Pharmacy, Tomaszewski D, Chapman University School of Pharmacy, Morisky D, University of California Los Angeles School of Public Health (13)

Lutts J, University of Tennessee Health Science Center College of Pharmacy, Crain J, Kroger Co., Hofmeier K, University of Tennessee Health Science Center College of Pharmacy, Alchley D, Barnes K, Marchetti L, Kroger Co. (14)

Effect of Community Pharmacist Intervention on Adherence to Long-Term Medications.
Pattison J, Kearney S, University of Pittsburgh School of Pharmacy, Aldridge A, RIT International, Grasso K, University of Pittsburgh School of Pharmacy, McElwee N, Merck & Co., Inc., Clark A, Rite Aid Corporation, Stalke S, Pharmacy Quality Alliance (15)

The Effect of a Medication Packaging System on Patient Satisfaction and Medication Adherence.
Boszta L, Coley K, University of Pittsburgh School of Pharmacy (16)

Effect of Motivational Interviewing on Medication Adherence in a Community Pharmacy: Potential Implications for the Centers for Medicare and Medicaid Services Star Ratings.
Dougherty T, South College School of Pharmacy (17)

The Effect of Multi-Dose Packaging on Select Medicare Part D Star Rating Measurements.
Graham E, Prichaska E, Balf Food Stores, Rüsinger J, Mellen B, University of Kansas School of Pharmacy (18)

Culbaugh L, University of Wisconsin–Madison School of Pharmacy, Schutter K, Apel B, State-Payer J, Dear Clinic, Zorek J, University of Wisconsin–Madison School of Pharmacy (19)
Evaluation of Patient Compliance With Centers for Medicare and Medicaid Services Care Coordination Measures for Asthma in a Community Pharmacy Setting. Garcia P, University of Illinois at Chicago (20)

Evaluation of Unclaimed Prescriptions at an Independent, Rural Community Pharmacy. Kusin D, Whit M, Cretney C, Jackson A, Veach S, University of Iowa College of Pharmacy (21)

Exploring the Role of Health and Medication Beliefs on the Persistence of Adjunct Aromatase Inhibitor Hormonal Therapy. Tawes R, Chapman University, Baia P, Farris K, University of Michigan College of Pharmacy (22)

Factors in Community Pharmacy That Affect Successful Conversion of Prescriptions From 30- to 90-Day Fills in Medicare Populations. Chuter P, Hiland S, Walmart, Flowers S, University of Arkansas for Medical Sciences College of Pharmacy (23)

Identifying the Preferred Attributes of Tools and Aids to Improve Medication Adherence in a Medically Underserved Population. Brown S, University of Cincinnati James L. Winkle College of Pharmacy (24)

Impact of Community Pharmacist Education Through the Use of a Patient-Friendly Handout on Statin Adherence. Hughes A, Regents University School of Pharmacy, Willis R, Albertsons Safeway, Ricchetti C, Regents University School of Pharmacy, Hamper J, Albertsons Safeway, Hoight R, Regents University School of Pharmacy, Rodgers M, Albertsons Safeway (25)

Impact of Electronic Medication Reminder Cans on Patient Adherence and Blood Pressure. Matias N, Hudon K, Jaynes H, Purdue University College of Pharmacy, Klink S, Downey L, Purdue Research Park, Zillich A, Purdue University College of Pharmacy (26)


The Impact of Refill Synchronization on Diabetes and Hypertension Clinical Outcomes in Transplant Recipients. Bogan A, Wiznitzer E, University of Southern California School of Pharmacy (28)

Impact of Self-Efficacy and Medication Beliefs on Medication Adherence Based on the Morisky Medication Adherence Scale. Tomaszewski D, Rashid M, Chapman University, School of Pharmacy, Schromm J, University of Minnesota College of Pharmacy, Brown L, Chapman University School of Pharmacy, Morisky D, University of California Los Angeles School of Public Health (29)

Impact of Self-Efficacy, Patient Knowledge, and Pharmacist Interaction on Adherence to Oral Contraceptives Based on the Morisky Medication Adherence Scale. Tomaszewski D, Chapman University School of Pharmacy, Anstrom B, University of Minnesota College of Pharmacy, Kading M, Morisky D, University of California Los Angeles School of Public Health (30)

Impact of Smart Device Mobile Application on Medication Self-Management in Patients With Type 2 Diabetes. Kisa A, Vaughan A, Drake University College of Business and Public Administration, Bhangava A, Iowa Diabetes and Endocrinology Research Center (31)

The Impact of Time My Meds Medication Synchronization Program on Chronic Medication Adherence in an Adult Community Pharmacy Population. Andrus A, Cedarville University School of Pharmacy, Tarcy Y, University of Oklahoma College of Pharmacy, Coban B, Osborn Drugs, Planas L, University of Oklahoma College of Pharmacy (32)

Implications of Pharmacist-Initiated Medication Therapy Management and a Medication Synchronization Program Upon Medication Adherence Outcomes. Lewis S, McCall K, University of New England College of Pharmacy, O'Toole M, Delhaize America Shared Services Group, Coyle E, Martin's Point Health Care, Sullivan Felton M, Creighton University School of Pharmacy (33)

Investigation of Centers for Disease Control and Prevention—Recommended Immunization Compliance in Human Immunodeficiency Virus–Positive Patients. McCarthey T, Reed W, Lynch A, MCPhS University, Ellis S, Walgreen’s (34)

The Medication Access and Adherence Tool: An Opportunity to Improve Adherence Through Targeted Interventions by Community Pharmacists. Roes C, Babrzycki E, Fver J, University of Pittsburgh School of Pharmacy (35)

Moderator Effect of Health Literacy in the Relationship Between Illness and Medication Beliefs and Medication Adherence. Uretz E, Roseman University of Health Sciences, Shiyanova O, University of Wisconsin–Madison School of Pharmacy (36)


Pharmacist-Patient Communication Factors and Association With Medication Adherence. Saylor B, Northeastern University School of Pharmacy, Young G, Northeastern University, Shah S, Takach T, Banks J, Northeastern University School of Pharmacy (38)

Polypharmacy and Adherence to Adjuvant Endocrine Therapy for Breast Cancer. Lin D, Lee W, Xing S, Calip G, University of Illinois at Chicago College of Pharmacy (39)

Primary Medication Nonadherence: The Effect of a Pharmacist-Administered Intervention in a Grocery Chain Pharmacy. Jackson T, Ramachandran S, University of Mississippi School of Pharmacy, McCallery D, St. John Fisher College, Bentley J, Pace P, Holmes E, University of Mississippi School of Pharmacy, Porter J, Krigger Pharmacy, Joshi N, University of Mississippi School of Pharmacy, Fisher C, Krigger Pharmacy, Westburn D, University of Mississippi School of Pharmacy (40)

Relationship Between Medication Synchronization and Adherence in Insured People Living With HIV/AIDS. Libaerum E, Holland M, Campbell University College of Pharmacy and Health Sciences, Owens L, Carolina Family Health Centers Inc., Herring C, Smith J, Campbell University College of Pharmacy and Health Sciences (41)

A Systematic Review of Factors Associated With Adherence to Disease Modifying Therapies in Patients With Multiple Sclerosis. Thoach A, Brown C, University of Texas at Austin College of Pharmacy, Herrera V, Saaso R, Novartis Pharmaceuticals (42)

Use of a Decision Aid to Assist Pharmacists in Providing Targeted Interventions to Overcome Patient Barriers to Medication Adherence. Nieren J, Benerbrook L, University of Pittsburgh School of Pharmacy, Smith Connors S, McCormick K, Glatt Pharmacy, Coley K, McGinnery M, University of Pittsburgh School of Pharmacy (43)

Use of the Modified Drug Adherence Work-up Tool to Identify and Address Barriers to Medication Adherence. Bae Y, Western University of Health Sciences College of Pharmacy, Worley M, Ohio State University College of Pharmacy, Law A, Western University of Health Sciences College of Pharmacy (44)

Cardiovascular Care

Comparison of Cardiovascular Risk Assessments From the American Heart Association/American College of Cardiology and the Adult Treatment Panel in a Human Immunodeficiency Virus–Infected Population: Eligibility and Appropriateness of Lipid-Lowering Treatment. Monsen C, Daflary M, Dayo Y, Mariner M, Howard University College of Pharmacy (45)


Pharmacist-Managed Cardiovascular Risk Assessment Program for Patients With Diabetes in an Urban Patient-Centered Medical Home. Rose J, Northeastern University School of Pharmacy (48)


Venous Thromboembolism Prophylaxis at a Tertiary Care Hospital: How Are We Doing? Collier D, Dell K, University of South Florida College of Pharmacy, Cowart K, Duke Regional Hospital (51)

Collaborative Practice

Appropriate Antimicrobial Selection in Dental Practice. Kakla N, Stewart A, Duquesne University Mylan School of Pharmacy (52)

Building an Interprofessional Care Team in a Rural Health Center. Whalen K, Schenrupt D, University of Florida College of Nursing (53)

Community Pharmacist Collaboration With a Patient-Centered Medical Home: Establishment of a Patient-Centered Medical Neighborhood and Payment Model. Luder U, University of Cincinnati College of Pharmacy, Frede S, Kroger Pharmacy (54)

Evaluating Risk Factors for Readmissions in Patients With Pneumonia. Shresta N, Virginia Commonwealth University, Healy M, Inova Loudoun Hospital (55)

Evaluation of Patient Perception on Accessing Care in a Community Pharmacy Through the ImJ, Institution of Collaborative Drug Therapy Agreements. Kay A, Fred Meyer, Ramirez S, Oregon State University College of Pharmacy, Bryan C, Plund T, Fred Meyer (56)

Factors Influence Physician-Pharmacist Collaboration Within Iraq Governmental Health Care Settings. Al-Juma A, University of Iowa, Al-Rekabi M, University College, Doucette W, University of Iowa, Husseen A, University College (57)

Integration of Pharmacists Into Patient-Centered Medical Homes. Wrning S, Barner J, University of Texas at Austin College of Pharmacy, Nguyen M, Susic K, CommUnityCare (58)
Communication/Patient Education
Applying Social Network Analysis to Understand Online Communication Patterns Between Migrants and Impact on Health Behavior.
Gonano B, Schommer J, University of Minnesota College of Pharmacy (66)

Assessment of Suicide Ideation Competencies in Academic Health Science Center Students Following a Blended Learning Course. A Retrospective Review.
Mossop C, Reidley T, Hess R, East Tennessee State University Bill Gatton College of Pharmacy (67)

Jester L, Jazzy S, Arthur S, Midwestern University Chicago College of Pharmacy (68)

Evaluation of Community Pharmacist-Managed Transitions of Care on Hospital Readmission Rates.
Smith E, Feldmann J, Otting C, Mercy Family Pharmacy, Wilby M, Engel B, University of Iowa College of Pharmacy (69)

Evaluation of a Community-Based Pharmacist-Run Transitions of Care Program on 30-Day Readmission Rates.
Sneckass M, St. Louis College of Pharmacy, Komako K, Logan R, Logan J, U.S. Pharmacy, Gratias N, St. Louis College of Pharmacy (70)

Implementation of the Evaluation of Community Oriented Readmissions: A Pilot Study.
Tatum A, Red Cross Pharmacy, Liu Y, University of Missouri–Kansas City School of Pharmacy, Hartwig M, May J, Red Cross Pharmacy, Staner S, University of Missouri–Kansas City School of Pharmacy (71)

Wills, Mizzan A, University of Southern California School of Pharmacy, Arusuotana D, ClinCare Pharmacy (75)

Motivational Interviewing Education: Creation and Assessment of a Learning Module Implemented Among Advanced Pharmacy Practice Experience Students.
Reilly L, University of Cincinnati James L. Winkle College of Pharmacy, Curington R, Espel M, St. Vincent de Paul Charitable Pharmacy, Brown B, Hegenmiller M, University of Cincinnati James L. Winkle College of Pharmacy (76)

Pharmacists Rarely Counsel Children and Their Caregivers: Results From a 14-Day Observational Study in Urban and Rural Community Pharmacies.
Carperete D, University of North Carolina at Chapel Hill Eshelman School of Pharmacy, Abraham O, University of Pittsburgh School of Pharmacy, Alexander D, Horowitz K, University of North Carolina at Chapel Hill Eshelman School of Pharmacy (77)

Student-Run Health Screenings and the Impact on the Local Community.
Moldau-Bukstein W, Obermark M, Fabian D, Tarla A, Adams T, Drake University College of Pharmacy and Health Sciences (78)

Diabetes
Development of a Pharmacist Facilitator Guide for Online and Face-to-Face Diabetest Support Groups.
Bortz A, Frail C, Funk K, University of Minnesota College of Pharmacy (80)

Cincinnati Calls and Cares: Determining the Effectiveness of Clinical Telephone Interventions for Patients With Type 2 Diabetes by a Pharmacist-Led Team.
Wilson C, University of Cincinnati James L. Winkle College of Pharmacy, Bums J, Cincinnati Health Department, Messenger N, Brown B, University of Cincinnati James L. Winkle College of Pharmacy (83)

Community Pharmacy-Based Insulin Pharmacotherapy Clinical Service.
Delocchio L, Leonard C, Mecador A, Godolo J, Samford University (84)

Comparative Assessment of Bleeding Risks Associated With Dipeptidyl Peptidase-4 Inhibitors.
Bolman A, Scalise M, Hansen R, Auburn University Harrison School of Pharmacy (85)

Wilson C, University of Maryland Eastern Shore, Twigg G, Apple Discount Drugs (86)

Evaluation of Continued Efficacy in Patients With Type 2 Diabetes Receiving Sulfonylurea Therapy: A Retrospective Analysis.
Kim S, El Rio Community Health Centers, Kennedy A, University of Arizona College of Pharmacy (87)

Evaluation of Pharmacist-Provided Diabetes Education With Continuous Glucose Monitoring.
Paoli A, McEvoy A, Midlopted Family Health Center (88)

Identifying Barriers to Glycemic Control in Patients With Type 2 Diabetes After Completion of an Accredited Education Program.
Whited C, Olenik N, Purdue University College of Pharmacy (89)

Impact of Community-Based A1C Screening and Lifestyle Education on Patients at Risk for Diabetes in a Rural Area.
Engel M, University of Iowa College of Pharmacy, Osterhaus M, University of Iowa College of Pharmacy, Ulrick B, Wilby M, University of Iowa College of Pharmacy (90)

The Impact of an Interdisciplinary Approach on Patients’ Glycemic Control in Diabetes Clinic vs. Usual Care.
Wilson J, Ohio State University College of Pharmacy, Porter K, Ohio State University, Barnes K, Ohio State University College of Pharmacy (91)

Babul N, Macaraig M, University of Illinois at Chicago College of Pharmacy (92)

Impact of Using Team-Based Learning in Patient Education on Diabetes Outcomes.
Parmar J, Cedarville University School of Pharmacy, Frame T, Belmont University College of Pharmacy, Franz T, Cedarville University School of Pharmacy (93)

Medication Use Evaluation of Sodium-Glucose Cotransporter-2 Inhibitors.
Tan S, Reid D, Northeastern University (94)

Preliminary Analysis of a Pharmacist-Led National Diabetes Prevention Program in a Community Setting.
Terrill-Stein A, Abdoa A, Holland C, Rea o Discount Drugs and Carolina Home Medical Inc., Marcinik M, University of North Carolina at Chapel Hill Eshelman School of Pharmacy (95)

Retrospective Chart Review Study on the Safety and Efficacy of Switching From Insulin Glargine to Insulin Detemir in Patients With Type 2 Diabetes.
Almazekha T, Kennedy A, University of Arizona College of Pharmacy (96)

Educating the Educators
Assessment of Medication Therapy Management Services Provided by Clinical Faculty, Community Pharmacy Residents, and Students in an Intramural Pharmacy Practice Clinic.
Malin S, Velez S, Jimenez F, Maldonado W, University of Puerto Rico School of Pharmacy (97)

Changes in Knowledge and Opinions of First- and Second-Year Student Pharmacists Regarding Postgraduate Opportunities After an Informational Session.
Martinez M, Early N, Rice W, Jackowski R, Midwestern University College of Pharmacy–Glendale (98)

Comparing the Effects of Community vs. Institutional Preparatory Courses On Academic Performance.
Bull M, Mills E, Riggins S, Harbester W, University of Maryland Eastern Shore School of Pharmacy (99)
Comparison of Faculty Assessment and Student Self-Assessment of Performance During Clinical Case Discussions in a Capstone Course.

Dunigan K, Abel C, Doranov J, Hoston E, Mori A, Morill A, MOPH1 University [104]

Impact of a Teaching Certificate Program on Preceptor Self-Efficacy.

Hartley M, Franz T, Cedarville University [102]

Incorporating Student Pharmacists’ Readiness to Participate in Interprofessional Learning.

Durand C, Abel C, Doranov J, Hoston E, Mori A, Morill A, MOPH1 University [103]

Patient Protection and Affordable Care Act: Our Perception as Pharmacists and Student Pharmacists.

Wagner E, Palm N, Tomaso C, Palm Beach Atlantic University Lloyd L. Gregory School of Pharmacy [104]


Durand C, Abel C, Carey K, Hoston E, Cross J, Tamole A, MOPH1 University [105]

Student Pharmacist Perception of an Elective Clinical Research Course.

Palm N, Silva M, Ocasio G, Ishak M, Dorofee J, Bruce J, Palm Beach Atlantic University [106]

Preceptors’ Identification of Key Management Skills for Doctor of Pharmacy Degree Students.

Augustine L, Slack M, Bhattacharya S, Cooley J, University of Arizona College of Pharmacy [107]

Emerging Topics

Change in Depression and Medication Requirements After Sleeve Gastroctomy.

Munana E, University at Buffalo School of Pharmacy and Pharmaceutical Sciences [108]

Effectiveness of a University-Based Pharmacy Medical Reserve Corps in Increasing the Number of Pharmacy Personnel Trained to Respond During an Emergency Event.

Franzer K, Ohi U, Brown D, Nwosu O, Oji I, Howard University College of Pharmacy [109]

Elluladoline for the Treatment of Irritable Bowel Syndrome With Diarrhea: Results of Two Randomized, Double-Blind, Placebo-Controlled Phase 3 Clinical Trials.

Casperson P, Clinical Dynamics [110]

Evaluation of the Impact of Transition of Care Services in Community Pharmacy Workforce.

Kim J, Feed Meyer Pharmacy, Ramirez S, Oregon State University College of Pharmacy, Phurd T, Bryan C, Feed Meyer Pharmacy [111]

Evaluation of Ohio Pharmacists’ Knowledge of Centers for Medicare and Medicaid Services Star Ratings.

Parker B, Ohio State University College of Pharmacy, Olesky A, CVS Health, Mehta B, Ohio State University College of Pharmacy, Lehman A, Ohio State University, Rodis J, Ohio State University College of Pharmacy [112]

Examination of Risk Factors in Patients With Prostate Cancer: A Cross-Sectional Study.

Sukhram P, Kahahen A, Roosevelt University College of Pharmacy [113]

Exploration of an “Incident-to” Billing Model for Chronic Care Management Services in a Community Pharmacy.

Clark A, Umez J, Veach S, Catney C, University of Iowa College of Pharmacy, Toon M, CasePro Health Services [114]

Exploring the Barriers and the Role of Community Pharmacists in Providing Transitions of Care.

Traylor T, Sandifer B, Catney C, Veach S, University of Iowa College of Pharmacy, Kading T, Hy-Vee Drugstore [115]

Exploring Family Physicians’ Perceptions of Pharmacist Prescribing in Alberta.

Chowdhury E, Khera A, Guiguis I, University of Alberta [116]

Hepatitis C Virus Treatment Interruptions in Patients Prescribed Ledipasvir/Sofosbuvir at Three Ambulatory Care Clinics.

Miklish M, Mattingly T, University of Maryland School of Pharmacy, Heel E, University of Maryland Medical Center, Pandit N, Hynicka I, University of Maryland School of Pharmacy, Vranek K, University of Maryland Medical Center [117]

An Impact Evaluation of the Community Pharmacy Foundation’s Grants Program.

Olson A, Steelt B, Schramm J, University of Minnesota College of Pharmacy, Kundic A, Community Pharmacy Foundation [118]

Incorporating Antibiotic Stewardship Into Health Care Provider Prescribing.

Seidler K, University of Wisconsin-Madison School of Pharmacy, Ast D, Stockbridge–Munsee Health and Wellness Center, Keser M, Margolis A, University of Wisconsin-Madison School of Pharmacy [119]

Increasing Doctor of Pharmacy Students’ Knowledge of Postgraduate Opportunities Within the Biopharmaceutical Industry: A 3-Year Analysis of a University Fellows Network Recruitment Effort and the Subsequent Effect on Candidate Applications.

Rabieza C, Khan A, Thibault N, Monpara A, MOPH1 University [120]

Knowledge and Use of Electronic Cigarettes Among Pregnant Women.

Day K, Bhandari N, Rayakazhch N, Franks A, McCann K, Ragland D, University of Arkansas for Medical Sciences [121]

A Novel Transition of Care Service: Collaboration Between an Academic Medical Center and Community Pharmacy.

Deng Z, University of Colorado School of Pharmacy [122]

Pharmacist and Patient Feedback on Empirically Designed Prescription Warning Labels: Similarities and Differences.


Preadmission Predictors of Academic Success in the First and Second Years of a Doctor of Pharmacy Graduate Program: A Retrospective Analysis.

Bansgarian J, Misraian E, University of Southern California School of Pharmacy [124]

Student Interventions on International Pharmacy Rotations.

Davis Y, Doherty M, Marano M, Akiyode O, Hameelske B, Kanodey Y, Howard University College of Pharmacy [125]

Vitamin D Deficiency and the Effect of Supplementation in Critically Ill Patients.

Medina P, Garcia J, Jimenez K, Del Moral E, Reyes E, Nova Southeastern University College of Pharmacy [127]
Geriatrics and Long-Term Care

- Determination of Anticholinergic Medication Use in Patients Prescribed Medications for the Treatment of Dementia. (128)

- Identification of Patient-Initiated Steps and Barriers Affecting Changes to High-Risk Medication Therapy Following Pharmacist Counseling. (129)

- Validation of a Novel Medication Profile-Based Falls Risk Assessment Tool. (130)

- Development and Validation of a Survey Tool to Measure Health Care Provider Bias in Providing Services to Diverse Patient Populations. (132)

- Distance to Health Care Relationship to Blood Pressure in a Young Population Affected by Health Disparities. (133)

- Expansion of Diabetes Education in a U.S.-Mexico Border Community: Expanding Services for Patients to Acquire Skills, Set Goals, and Improve Overall Knowledge. (134)

- Financial Hardship From Medication Populations. (135)


- Implementing a Professional Development Program to Foster Cultural Sensitivity Among Student Pharmacists and Students of Other Health Professions. (137)

- Social Support and Health Among Homeless and At-Risk for Homelessness Individuals. (138)

- Social Support and Health Among Homeless and At-Risk for Homelessness Individuals. (139)

- HIV and Acquired Immunodeficiency Syndrome

- Characterizing Nonprescription Syringe Sales Practices in Community Pharmacies in the United States. (140)

- Developing a Pharmacist-Led Human Immunodeficiency Virus Pre-exposure Prophylaxis Clinic at an Urban Community Clinic. (141)

- Does Taking Estriol/Enantol Disoproxil Fumarate (Truvada) for HIV Pre-exposure Prophylaxis Contribute to Risky Sexual Practices or Risk Compensation? (142)

- Development and Evaluation of Health Literacy Instructonal Video for Student Pharmacists and Pharmacist. (143)

- Barrier to Implementation of Community Pharmacy-Based Immunization Services in Wayne County, Michigan. (144)

- Determining the Need for the Hepatitis B Vaccination Series Among People With Diabetes. (145)

- Development and Assessment of a Pharmacy Technician Training Program to Incorporate Walk-In Immunizations Into the Workflow of a Community Pharmacy. (146)

- Evaluating the Impact of an Immunization Checkup at a Pharmacist-Provided Employee Health Screening. (147)

- Evaluating Prescribing Practices for Hepatitis B Immunization Based on Advisory Committee on Immunization Practices Recommendations for Patients With Diabetes. (148)

- Evaluation of Interventions to Encourage Hepatitis B Vaccination in Patients With Type 2 Diabetes. (149)

- Guardian Knowledge and Perception of Human Papillomavirus Vaccine at the Community Pharmacy. (150)

- Immunizations

- Analysis of Knowledge, Attitudes, and Beliefs That Impact Immunization Status in Patients 19 to 65 Years of Age. (151)

- Assessment of Targeted Automated Messages on Herpes Zoster Immunization Numbers in an Independent Community Pharmacy. (152)

- Barriers to Implementation of Community Pharmacy-Based Immunization Services in Wayne County, Michigan. (153)

- Determining the Need for the Hepatitis B Vaccination Series Among People With Diabetes. (154)

- Development and Assessment of a Pharmacy Technician Training Program to Incorporate Walk-In Immunizations Into the Workflow of a Community Pharmacy. (155)

- Evaluating the Impact of an Immunization Checkup at a Pharmacist-Provided Employee Health Screening. (156)

- Evaluating Prescribing Practices for Hepatitis B Immunization Based on Advisory Committee on Immunization Practices Recommendations for Patients With Diabetes. (157)

- Evaluation of Interventions to Encourage Hepatitis B Vaccination in Patients With Type 2 Diabetes. (158)

- Guardian Knowledge and Perception of Human Papillomavirus Vaccine at the Community Pharmacy. (159)

- Immunizations

- Analysis of Knowledge, Attitudes, and Beliefs That Impact Immunization Status in Patients 19 to 65 Years of Age. (160)

- Assessment of Targeted Automated Messages on Herpes Zoster Immunization Numbers in an Independent Community Pharmacy. (161)

- Barriers to Implementation of Community Pharmacy-Based Immunization Services in Wayne County, Michigan. (162)

- Determining the Need for the Hepatitis B Vaccination Series Among People With Diabetes. (163)

- Development and Assessment of a Pharmacy Technician Training Program to Incorporate Walk-In Immunizations Into the Workflow of a Community Pharmacy. (164)

- Evaluating the Impact of an Immunization Checkup at a Pharmacist-Provided Employee Health Screening. (165)

- Evaluating Prescribing Practices for Hepatitis B Immunization Based on Advisory Committee on Immunization Practices Recommendations for Patients With Diabetes. (166)

- Evaluation of Interventions to Encourage Hepatitis B Vaccination in Patients With Type 2 Diabetes. (167)

- Guardian Knowledge and Perception of Human Papillomavirus Vaccine at the Community Pharmacy. (168)

- Immunizations

- Analysis of Knowledge, Attitudes, and Beliefs That Impact Immunization Status in Patients 19 to 65 Years of Age. (169)

- Assessment of Targeted Automated Messages on Herpes Zoster Immunization Numbers in an Independent Community Pharmacy. (170)

- Barriers to Implementation of Community Pharmacy-Based Immunization Services in Wayne County, Michigan. (171)

- Determining the Need for the Hepatitis B Vaccination Series Among People With Diabetes. (172)

- Development and Assessment of a Pharmacy Technician Training Program to Incorporate Walk-In Immunizations Into the Workflow of a Community Pharmacy. (173)

- Evaluating the Impact of an Immunization Checkup at a Pharmacist-Provided Employee Health Screening. (174)

- Evaluating Prescribing Practices for Hepatitis B Immunization Based on Advisory Committee on Immunization Practices Recommendations for Patients With Diabetes. (175)

- Evaluation of Interventions to Encourage Hepatitis B Vaccination in Patients With Type 2 Diabetes. (176)

- Guardian Knowledge and Perception of Human Papillomavirus Vaccine at the Community Pharmacy. (177)

- Immunizations

- Analysis of Knowledge, Attitudes, and Beliefs That Impact Immunization Status in Patients 19 to 65 Years of Age. (178)

- Assessment of Targeted Automated Messages on Herpes Zoster Immunization Numbers in an Independent Community Pharmacy. (179)

- Barriers to Implementation of Community Pharmacy-Based Immunization Services in Wayne County, Michigan. (180)

- Determining the Need for the Hepatitis B Vaccination Series Among People With Diabetes. (181)

- Development and Assessment of a Pharmacy Technician Training Program to Incorporate Walk-In Immunizations Into the Workflow of a Community Pharmacy. (182)

- Evaluating the Impact of an Immunization Checkup at a Pharmacist-Provided Employee Health Screening. (183)

- Evaluating Prescribing Practices for Hepatitis B Immunization Based on Advisory Committee on Immunization Practices Recommendations for Patients With Diabetes. (184)

- Evaluation of Interventions to Encourage Hepatitis B Vaccination in Patients With Type 2 Diabetes. (185)

- Guardian Knowledge and Perception of Human Papillomavirus Vaccine at the Community Pharmacy. (186)

- Immunizations

- Analysis of Knowledge, Attitudes, and Beliefs That Impact Immunization Status in Patients 19 to 65 Years of Age. (187)

- Assessment of Targeted Automated Messages on Herpes Zoster Immunization Numbers in an Independent Community Pharmacy. (188)
Impact of a Standardized Immunization Assessment Tool on Community Pharmacists' Immunization Rates in a Grocery Store Pharmacy Setting.

Impact of a Student Program to Encourage Education and Administration of Influenza Vaccination.
McCleary M, Puschnick M, Coyle J, Ohio State University College of Pharmacy (166)

The Impact of Targeted Immunization Counseling at Free Health Screenings by Student Pharmacists.
Bowers B, Rowe J, Dan E, Stafford R, University of Arkansas for Medical Sciences College of Pharmacy (166)

Implementation of a Vaccine Screening Program at an Independent Community Pharmacy.
Rhodes L, University of North Carolina at Chapel Hill School of Pharmacy, Brannan A, Dolan E, Moore J, Moose Pharmacies, Macinck M, University of North Carolina at Chapel Hill School of Pharmacy (168)

Improving Patient Immunization Rates Through Optimizing Pharmacy’s Role in Providing Immunization Services.
Rogers M, Hoovd D, Parnell Javaid S, Shenandoah University (165)

Improving Pneumococcal Conjugate Vaccination Rates for Adults Aged 65 Years or Older in Minnesota Community Pharmacies.
Sheets G, Aykut M, Walgreens, Philbrick A, Harris L, Moor II, Reeve G, University of Minnesota College of Pharmacy (170)

Increasing Childhood Influenza Vaccinations in the Community Pharmacy Setting: What Factors Are Most Important to Patients?

Intent to Provide the Influenza Vaccine to Children Ages 6 to 18 Years: An Analysis of Law Implementation by Tucson Community Pharmacies.
Lemka A, Bingham B, Va A, University of Arizona College of Pharmacy (172)

Knowledge of Updated Pneumococcal Vaccine Recommendations and Evaluation of Perceived Susceptibility, Severity, Benefits, and Barriers to Vaccination Among Adults Aged 65 Years and Older.
Doshi A, Virginia Commonwealth University School of Pharmacy (173)

Perceived Knowledge, Comfort Level, and Barriers With Immunization Promotion and Administration Among Community Pharmacists in a Supermarket Chain Setting.
McDaniel J, Midwestern University, Yuczycklaha J, Virginia Commonwealth University School of Pharmacy (175)

Pharmacist Knowledge of Pneumococcal Vaccinations in Patients Ages 65 Years and Older.
Hicks H, Higginbotham S, Skano M, Duquesne University Mylan School of Pharmacy (176)

Student Pharmacist Knowledge of Pneumococcal Vaccination Administration Schedules for Adults Aged 65 Years and Older.
Golden C, Hudson H, Higginbotham S, Skano M, Duquesne University Mylan School of Pharmacy (178)

Training Pharmacy Technicians for Roles in Immunization Advocacy: Focus on Tdap Vaccination.
Sunderman B, University of North Carolina at Chapel Hill Eshelman School of Pharmacy, Armstrong A, Gatto O, Kroger C, Njoki M, University of North Carolina at Chapel Hill Eshelman School of Pharmacy (179)

Law and Regulations
Frazier E, Daftry M, Maneno M, Howard University College of Pharmacy (180)

Changes in the Safety Profile of Oral Diabetes Medications Approved by the U.S. Food and Drug Administration.
Al-Mujahid R, Secco-Vazquez E, MCPHS University (181)

Evaluating the Value of Student-run Educational Sessions to Increase Advocacy of Student Pharmacist Immunization Rights in New Jersey.
L.G., McIvor L, Ernest Mario School of Pharmacy, Bratt A, Bristol-Myers Squibb, Chung S, Ernest Mario School of Pharmacy (182)

Impact of Mandatory Query Legislation on Patient Doctor-Shopping Behavior.
Freeman P, Goodin A, Irokle S, Talbert J, University of Kentucky College of Pharmacy (183)

Pharmacists’ Perceptions Regarding the Impact of Hydrocodone Rescheduling on Workflow Management, Revenue, and Patient Outcomes.
Varadaraj R, Gomaa B, University of Texas College of Pharmacy, E, Kroger Pharmacy, Luder H, University of South Carolina College of Pharmacy, Varadaraj R, Shenandoah University, Gomaa B, Olson A, University of Minnesota College of Pharmacy (191)

Maternal, Child, and Women’s Health
Aayo A, St. Barnabas Health System, Rowse M, Touro College of Pharmacy (192)

The Implementation of a Standard Screening Tool Within a Community Pharmacy to Identify and Improve Women’s Preventive Health Disparities.
Fahreichbuch T, Freide S, Wexlaj J, Puening E, Kroger Pharmacy, Luder H, University of Cincinnati College of Pharmacy (193)

Maternal Use of Specific Selective Serotonin Reuptake Inhibitors in Early Pregnancy and the Risk of Birth Defects.
Khalaf L, Reehus J, Centers for Disease Control and Prevention, Friedman J, University of British Columbia, Louk C, Boston University, Riehl-Colarusso J, Horn M, Centers for Disease Control and Prevention (194)

Subdermal Bongrostal: Medication Use Evaluation in a Pediatric Institution.
Leprieur K, Sebastian S, Lamberjack K, Nationwide Children’s Hospital (195)

Medication Reconciliation
Assessing 30-Day Readmissions and Interventions Provided by Community and Hospital Pharmacy Residents Collaborating With a Provider in a Transitions of Care Clinic.
Anderson M, Albertsons Safeway, Ianus P, Centura St. Anthony Hospital, Ricchetti C, Haight R, Regis University School of Pharmacy, Willis R, Albertsons Safeway (197)

Community Pharmacist Engagement in Medication Reconciliation Processes for Recently Discharged Patients: A Grounded Theory Study.
Kennedy K, William S, Memorial Veterinary Hospital, Wise M, University of Wisconsin–Madison, Kind A, University of Wisconsin–Madison School of Medicine and Public Health (198)

Impact of a Pharmacist-Led Intervention on Medication Reconciliation Processes in a Dental Practice.
Oklak H, University of New England College of Pharmacy, Stewart A, Duquesne University Mylan School of Pharmacy, Tu C, University of New England College of Pharmacy (199)

Impact of Student Pharmacist Regimen Review in Simplifying Daily Medications for Patients With Diabetes.
Marks-Brown S, Rici D, Cheering B, University of Wisconsin–Madison School of Pharmacy (200)

Impact of Transitions of Care Pharmacists in a Tertiary Care Center.
Fana N, Abdo C, Samad M, Stanford Health Care (201)

Student Pharmacists in the Medication Reconciliation Process: A Literature Review.
Sellen S, Shenandoah University (202)

Utilizing Student Pharmacists to Improve the Accuracy of the Medication Reconciliation Process at an Emergency Department in a Community Hospital.
Varadaraj R, Shenandoah University, Healy M, Interview Loudoun Hospital, Petrov K, Green J, Shenandoah University (203)

Medication Therapy Management
Assessing and Resolving Adherence to Recommended Non-influenza Adult Immunization Schedules During a Medication Therapy Management Encounter in Chain Community Pharmacies.
Sierra E, University of Kentucky College of Pharmacy, Grise W, Hudspeth B, Kroger Co., Divine H, University of Kentucky College of Pharmacy (204)

Assessment of Adverse Drug Reactions in Inpatients of a Tertiary Care Hospital in India: A Clinical Pharmacist Intervention-Based Study.
Kaner R, Ramak R, Karnatak College of Pharmacy (205)
Assessment of Factors Influencing Patient Acceptance and Perception of Comprehensive Medication Reviews. 
Schulte N, Bolls Food Stores, Ruisinger J, University of Kansas School of Pharmacy, Phokaksa E, Bolls Food Stores, Melton B, University of Kansas School of Pharmacy, Steele K, Bolls Food Stores (206)

Assessment of Medication Therapy Management Training and Workflow Redesign in a Multi-Site Community Pharmacy. 
Ernest B, University of Iowa College of Pharmacy, Bickerton H, Mercy Family Pharmacy, Zhang Y, Witly M, University of Iowa College of Pharmacy (207)

Barriers to Providing Comprehensive Medication Reviews in Community Pharmacies. 
Smith M, Brown P, University of North Carolina at Chapel Hill, Eshelman School of Pharmacy, Shea C, University of North Carolina at Chapel Hill, Gillings School of Global Public Health, Ferrer S, University of North Carolina at Chapel Hill, Eshelman School of Pharmacy (208)

Clinical Routing in a Community Pharmacy. 
Parazoo G, Ohio State University College of Pharmacy, Long B, Kuhn C, Kroger Co., Melita B, Ohio State University College of Pharmacy (209)

Community Pharmacist Provision of Preconception Care via Medication Therapy Management. 
Dabrowski M, N, Ohio Northern University, Rabideau College of Pharmacy, Bright D, Ferris State University College of Pharmacy, Baitz I, Markus D, OutcomesMTM, Hartzell, Gartner J, CareSource (210)

Community Pharmacy Cohort Within the Alliance for Integrated Medication Management Collaborative to Integrate Comprehensive Medication Management Across Multiple Organizations. 
Sontsen T, University of Minnesota College of Pharmacy, Feldmann J, Mercy Family Pharmacy (211)

Community Pharmacy Medication Therapy Management: Impact of Pharmacy Technician Assistance. 
Jason M, Ohio State University College of Pharmacy, Kuhn C, Kroger Co., Waretley M, Ohio State University College of Pharmacy, Wehr A, Ohio State University Center for Biostatistics, Mcauley J, Ohio State University College of Pharmacy (212)

Consumers’ Readiness to Have a Pharmacist Provide Medication Therapy Management Services. 
Brown L, Bashash M, Chapman University School of Pharmacy, Schommer J, University of Minnesota College of Pharmacy (213)

Demonstrating the Value of Medication Therapy Management Services to Patients in the Community Pharmacy Setting to Increase Service Utilization. 

Evaluating Patient Satisfaction With a Comprehensive Medication Review Provided by a Chain Community Pharmacist. 
Cardos L, Hohmeir R, University of Tennessee Health Science Center College of Pharmacy, Fisher C, Wasson M, Kroger Pharmacy (215)

Ferrell J, Yao A, Marcelino M, Choe H, University of Michigan Health System, Faris K, University of Michigan College of Pharmacy (216)

Evaluation of Drug Therapy Problem Follow-up in a Statewide Care Management Program. 
Phillips Benfer C, Ferrelli S, University of North Carolina at Chapel Hill, Eshelman School of Pharmacy, Wei D, Pfeifferenger T, Community Care of North Carolina (217)

Evaluation of a Workflow Support Intervention for Community Pharmacies Participating in a Pharmacy Care Management Program. 
Brown P, Ferrelli S, University of North Carolina at Chapel Hill, Eshelman School of Pharmacy, Bhanam A, Moore Pharmacies, Pfeifferenger T, Community Care of North Carolina, Shea C, University of North Carolina at Chapel Hill, Gillings School of Global Public Health (218)

Identification of Medication-Related Problems by Community Pharmacists in Patients Taking Oral Anticancer Medications. 
Markley A, University of Missouri-Kansas City School of Pharmacy, Blom J, Walgreens Health-System Pharmacy, Liu Y, Kuehl P, University of Missouri-Kansas City School of Pharmacy (219)

Identifying and Implementing Best Practices of Medication Therapy Management in a Grocery Store Chain Pharmacy. 
Pelled A, B and Y Pharmacy, Capoccia K, Western New England University College of Pharmacy (220)

Impact of Continuing Education on Provider Intent to Refer Patients to Medication Therapy Management Services. 
Edwards C, Baty E, Hata M, Law A, Western University of Health Sciences College of Pharmacy, Sarino L, Ralphs Grocery Company, Kuro T, Los Angeles County (221)

Zhang Y, Doucette W, University of Iowa, Pendergast J, Duke University, Witt J, University of Iowa (222)

Implementation of Persuasive Messages to Increase Participation in Comprehensive Medication Reviews in a Community Pharmacy Setting. 
Kendall A, Bailey K, Rush S, Pope N, University of Texas at Austin College of Pharmacy (223)

Implementing Medication Therapy Management in the Community Pharmacy Workflow: A New Protocol for the Pharmacy Chain. 
Scott N, University of Arkansas for Medical Sciences College of Pharmacy (224)

The Medication Assessment Centre: A Novel Student Training and Patient Care Program. 
Larson D, Landry E, Iyiashim K, University of Saskatchewan College of Pharmacy and Nutrition (225)

Medication Therapy Management Hybrid Course Improves Student Self-Efficacy in Performing Medication Therapy Management Services. 
Munir M, Theatt T, Pennsylvania College of Pharmacy (226)

Physician Acceptance Rate of Pharmacists’ Recommendations Associated With Medicare Star Ratings. 
Doelizer J, Wertstrom K, Meier, Detllott R, Pfizer (227)

Prediction of Self-Reported Medication Adherence Among Patients With Chronic Diseases. 
Bashash A, Tomaszewski D, Chapman University School of Pharmacy, Schommer J, University of Minnesota College of Pharmacy, Brown L, Chapman University School of Pharmacy (228)

A Prospective Study on Clinical Pharmacist-Based Therapeutic Interventions in an Inpatient Tertiary Care Hospital in India. 
Kumar P, Ramnath B, Kanota College of Pharmacy (229)

A Standardized Approach to the Documentation and Follow-up of Clinical Recommendations Made During a Telephonic Comprehensive Medication Review Across a Community Pharmacy Chain. 
Sakon J, Greco A, Duquesne University, Mylan School of Pharmacy (230)

Utilizing Medication Therapy Management Interventions in an Indigent Population to Quantify and Categorize Prescriber Involvement With Patient Care. 
Fazela A, Casper K, Seifert J, Jacob L, Ohio State University College of Pharmacy, Lehman A, Center for Biostatistics, Ohio State University (231)

Mental Health Clinical Outcomes of Medication Therapy Management Following Inpatient Psychiatric Discharge. 
Ganin K, Community Health Association of Spokane (232)

Community Pharmacists’ Attitudes Toward Providing Care and Services to Patients With Mental Illness. 
Waltins A, University of North Carolina at Chapel Hill, Eshelman School of Pharmacy, McKee J, Hughes C, Pfeifferenger T, Community Care of North Carolina (233)

Identification and Management of Metabolic and Movement Abnormalities in Patients Taking Antipsychotic Medications in a Community Pharmacy Setting. 
Johnson K, Frede S, Fuller L, Kroger Pharmacy, Weed E, Luder H, University of Cincinnati James L. Winkle College of Pharmacy (234)

Impact of a Communications Course on Academic Health Science Student Attitudes and Beliefs Toward Suicide and Mental Health Stigma. 
Jeness I, Hess E, East Tennessee State University Bill Gatton College of Pharmacy (235)

Implementation of Depression Screening in an Independent Community Pharmacy. 
Balak J, University of North Carolina at Chapel Hill, Eshelman School of Pharmacy, Roark A, Chapman A, Huce C, Brune Hue Pharmacy, Maximilian I, University of North Carolina at Chapel Hill, Eshelman School of Pharmacy (236)

Nonmedical Use of Antidepressants and Help-Seeking Behavior Among College Students With Depressive Symptoms. 
Nakurugu S, Ford K, Williams J, University of Texas at Austin College of Pharmacy (237)

Potentially Inappropriate Antidepressant Use Among Older Adults in Office-Based Outpatient Settings: National Trends From 2002 to 2012. 
Bleiler, S, Schommer J, Hadassal R, Uden D, Capstaff B, University of Minnesota College of Public Health (238)

Racial/Ethnic Differences in the Use of Complementary and Alternative Medicine in Adults With Moderate Mental Distress: Results From the 2012 National Health Interview Survey. 
Blaivas J, Lyle J, University of Minnesota College of Pharmacy (239)

Jacobi L, Casper K, Seifert J, Fazela A, Ohio State University College of Pharmacy, Brown N, Ohio State University (240)

Nuclear Pharmacy Validation Measures for Radiochemical Purity Testing. 
Ozal, O, Gabeath W, University of Oklahoma College of Pharmacy (241)

OTC, Self-Care and CAM Appropriateness of Acetaminophen Dosing by Caregivers Visiting a Pediatric Emergency Department at an Academic Hospital. 
Weller S, University of Puerto Rico School of Pharmacy, Seranno-Bhau D, University Pediatric Hospital–San Juan, Rodriguez N, Ortiz Y, Hernandez J, Melin K, Garcia R, University of Puerto Rico School of Pharmacy (242)
Evaluation of a Simplified Rubric for Evaluating Self-Care Counseling Competency. 
Chen A, Thornton P, Frantz T, Ballentine J, Callis S, Fox N, Cedarville University School of Pharmacy (243)

Examining Health Claims Provided on Dietary Supplement Packaging. 
Taylor D, Sherr I, Emiss E, Regis University School of Pharmacy (244)

A Guidance Document for Family Practitioners on Over-the-Counter Medication in Pregnancy and Lactation. 
Mickool D, Crawford R, Hodges J, University of New England College of Pharmacy (245)

New Advances With Simeprevir. 
Balaban D, Charlottesville Gastroenterology Associates, McNamara S, Cad D, Fleet Laboratories (246)

Pharmacists’ Counseling on Two Over-the-Counter Medications: Ibuprofen and Emergency Contraceptives: A Secret Shopper Study. 
Peters J, Desa K, Ricci D, Chewing B, University of Wisconsin–Madison School of Pharmacy (247)

Student Pharmacists’ Awareness of Nonprescription Medication Brand-Name Extensions. 
McMeth T, Lynch A, Dunican K, Seed S, Cabrera A, Abel C, MCHPS University (248)

Sweeteners... Are They Really Sweetening Our Life? Effects in Premature Delivery, Asthma, and Allergic Rhinitis. 
Willow-Amayo E, Rivera-Berrios N, Nova Southeastern University College of Pharmacy (249)

Using Peer Evaluation in the Education of Student Pharmacists About Dietary Supplements. 
Dornie E, Buderwitz P, Okpala M, Orr K, Hume A, University of Rhode Island College of Pharmacy (250)

Pain Management 

The Impact of Clinical Pharmacy Services on Patient Care and Practice Management in a Multidisciplinary Specialty Pain Clinic. 
Semenchik M, Durham M, Mitrazan E, University of Southern California School of Pharmacy (251)

A Medication Utilization Evaluation of Naloxone Orders in a Community Hospital. 
Hoover P, Moore A, Wimbrel E, University of Missouri–Kansas City School of Pharmacy (252)

Patient Attitudes and Behavior 

An Evaluation of Patients’ Awareness and Views of Pharmacists in the Ambulatory Care Setting. 
Payne M, Hall L, Green C, Ohio State University College of Pharmacy, Porter K, Ohio State University (253)

Examination of Benefits and Barriers of Medication Adherence Counseling Among Underserved Men. 
Amurukwe-Ngo B, Bambade B, Bamer J, University of Texas at Austin College of Pharmacy (254)

Impact of Clinical Services Provided by Grocery Chain Community Pharmacists on Customer Satisfaction. 
 RESPONS E, Divine H, Roberts P, Tracy A, University of Kentucky College of Pharmacy (255)

Impact of a Medication Reconciliation Service on Patient Self-Efficacy and Satisfaction in an Interprofessional Clinic. 
Bhavan G, Hsia H, Hata M, Miereles R, Western University of Health Sciences (256)

Patients’ Perception of Community Pharmacists as Health Care Providers and Its Relationship to Willingness to Participate in Pharmacist-Provided Services. 
Renna Y, Bailey- Wheeler J, Sarpong D, Harts M, Hart T, Xavier University of Louisiana College of Pharmacy (257)

Patients’ Perceptions of Pharmacy Services. 
Rosa A, Pinto S, University of Toledo College of Pharmacy and Pharmaceutical Sciences (258)

The Perceptions of Physicians and Patients Regarding the Use of Generic Drugs in San Juan, Puerto Rico. 
Estela Rodriguez-V, Castro Collazo M, Garcia L, Del Rio N, University of Puerto Rico College of Pharmacy (259)

Perceptions of Prescription and Over-the-Counter Medication Use in Populations With a History of Cardiovascular Disease. 
Pattak J, Dilllata L, A, New Haven Pharmaceuticals Inc. (260)

Shiyabanola O, Cihou S, Huang Y, University of Wisconsin–Madison, Smith R, University of Wisconsin–Madison School of Medicine and Public Health (261)

Patient Care Services 

Changes in Pharmacy Practice Due to a Change in Prescription Refill Processing: The Iowa New Practice Model. 
Andresco D, Drake University College of Pharmacy and Health Sciences, Myers M, Iowa Pharmacy Association (263)

Characteristics of Patients Accepting and Declining Participation in a Transition of Care Service Provided by a Community Pharmacists. 
Kowalick J, Mangola A, University of Wisconsin School of Pharmacy, Kischner J, Schreiner N, Steu’s Pharmacy Bay Natural (264)

Characterizing Medication Synchronization Programs Within Independent Pharmacies. 
Hase S, Gonglon H, Luyon-Wall G, University of Maryland School of Pharmacy, Hase B, Shapursky Pharmacy (265)

The Clinical Community Pharmacy: A Standardized Approach to the Patient Care Process. 
Patel M, Koht T, Duquesne University Pharmacy, Lassila H, Duquesne University Mylan School of Pharmacy (266)

Comparing the Accuracy of Two Point-of-Care Lipid Testing Devices. 
Pasieczni K, Leinh S, Chen J, University of Minnesota College of Pharmacy-Duluth (267)

Description of an Innovative, High-Touch, In-Home Medication Therapy Management Program for Individually Living Older Adults. 
Taylor J, University of Kentucky College of Pharmacy, Eckmann L, Wheeler Pharmacy, Hanna C, American Pharmacy Services Corporation, Divine H, University of Kentucky College of Pharmacy (268)

Description of a Practice Model Extending Direct Patient Care From a Patient-Centered Medical Home Into Community Pharmacies: A Pilot Study Between Community Pharmacy and the University of Michigan Patient-Centered Medical Home. 

Developing a Standardized Protocol to Assist Pharmacists Dispensing Opioid Medications to Patients. 
Nida M, Chu M, University of Wisconsin–Madison School of Pharmacy, Moore M, Medicine Shoppe, Kieser M, University of Wisconsin–Madison School of Pharmacy (270)

Emerging Roles for the Community Pharmacist: Rapid Influenza Diagnostic Testing and Medication Management. 
Yaxiwe S, Djucic-Kachlic M, Marcelo J, Babil N, University of Illinois College of Pharmacy (271)

Evaluation of the Implementation of a Skin Scope Analysis Program as an Addition to Clinical Services in a Grocery Store-Based Community Pharmacy Setting. 
Maier J, Kooper Co., Ker K, Ohio Northern University Raabe College of Pharmacy, Green T, Kooper Co. (272)

An Evaluation of Successful Point-of-Care Testing Implementation by Community Pharmacists in Pennsylvania. 
Stepenol P, Barry B, Benenbrook I, Coley K, University of Pittsburgh School of Pharmacy, Olenak J, Wilkes University Nesbitt School of Pharmacy, Somma McGivney M, University of Pittsburgh School of Pharmacy (273)

Expansion of a Pharmacist-Led Medication Discontinuation Pilot Service Based on the Anticholinergic Risk Scale. 
Lemes K, University of Wisconsin–Madison School of Pharmacy, Lusowe K, Dean Clinic East, Eckhoff J, University of Wisconsin–Madison School of Medicine and Public Health, StazPayer J, Dean Health System, Zorek J, University of Wisconsin–Madison School of Pharmacy (274)

Wiersema A, Nguyen T, Hein J, Hedge D, South Dakota State University College of Pharmacy, Stover A, Cedarville University School of Pharmacy, Van Klampenberg E, South Dakota State University College of Pharmacy, Sinclair P, Lewis Family Drug (275)

Feasibility Study of Implementing a Pharmacist-Prescribed Therapies Program for Acute Conditions in Community Chain Pharmacies. 
Chay K, University of Virginia School of Pharmacy, Li Y, Reynolds M, Quality Food Centers, Freebaugh R, University of Washington School of Pharmacy, Arnold J, Washington State Pharmacy Association (276)

A Feasibility Study to Implement a Transitions of Care Service in a Community Pharmacy. 
Barry A, Kuehl P, University of Missouri–Kansas City School of Pharmacy (277)

Fostering Leadership, Skill Development to Address the Institute for Healthcare Improvement Triple Aim Goals at Two Colleges of Pharmacy. 
Robinson J, Panther S, Washington State University College of Pharmacy, Allen R, Jefferson C, Murphy N, University of Washington School of Pharmacy (278)

Identifying Preceptors’ Perceptions of Student Pharmacists’ Readiness for Transitions of Care Activities During Their Pharmacy Practice Experiences. 
Carroll S, David T, Shah B, Saulat M, Palm Beach Atlantic University Lloyd L, Gregory School of Pharmacy (279)

IHOPE: Improving Healthcare Outcomes Through Patient Education. 
Le J, Mount Sinai Brooklyn (280)

Impact of Community Pharmacist-Performed Medication Reconciliations in Post-Discharge Patients on 30-Day Hospital Readmission Rates. 
Wieseler J, Gurney M, Midwestern University College of Pharmacy–Glendale, Hecht K, Albertons Safeway, Kucera A, Midwestern University College of Pharmacy–Glendale (281)

Impact of Community Pharmacy and Home Health Care Transitions of Care Services on 30-Day Emergency Department Visit Rates. 
Newman N, Porter B, Ohio State University College of Pharmacy, Hoyt C, Uptown Pharmacy, South Coast L, James Hospital, Payne K, Blackstone, Lethman A, Ohio State University Center for Biostatistics, Rods J, Ohio State University College of Pharmacy (282)
Impact of a Follow-up Phone Call on Patient Return to Community Pharmacy Following First-Time Visit to Convenience Care Clinic. 

Baker J, University of Toledo College of Pharmacy and Pharmaceutical Sciences, DDonato K, Krager Co., Schroeder M, Lengel A, University of Toledo College of Pharmacy and Pharmaceutical Sciences, Mustaine M, Krager Co., Powers M, University of Toledo College of Pharmacy and Pharmaceutical Sciences (283)

Implementation of a Discharge Bedside Prescription Delivery Program at a Multihospital Community Health System. 

Asin R, Cermeyph E, Zook T, Meigs A, Nguyen P, NorthShore University HealthSystem (284)

Implementing Medication Synchronization in a Chain Pharmacy: The Role of Pharmacy Interns. 

Wittrnan T, University of Pittsburgh School of Pharmacy, Richards J, Rite Aid, Abraham O, Berenbrok L, Coley K, Somma McGivney M, University of Pittsburgh School of Pharmacy (285)

An Interdisciplinary Approach to Increase Billable Patient Care Opportunities in a Rural Community Pharmacy Resulting in Positive Patient Outcomes. 

Twag G, Matsko J, Sherr J, Apple Discount Drugs (286)

Medical Home Care for Children With Asthma: Results From the 2011-12 National Survey of Children’s Health. 

Pavlakos R, Beatty S, Ohio State University College of Veterinary Medicine, Brown P, Smith M, University of North Carolina at Chapel Hill School of Pharmacy, Friend K, University of Rhode Island College of Pharmacy (305)

Minimize Intravenous Infusion-Related Medication Errors. 

Esaka H, Aalam N, Harlem Hospital Center (288)

A Novel Payor-Provider Collaboration to Improve Blood Pressure Control in the Community Pharmacy Setting. 

Friel C, University of Minnesota College of Pharmacy, Cooper S, HealthPartners, Gallagher T, Autop Drug, Sarks J, Topor L, PharmAssist International, Bruzek R, HealthPartners (289)

Patient Assessment of Community Pharmacist-Provided Medication Therapy Management Services. 

Kleisch A, Neuhous K, Kirsky D, Northeast Ohio Medical University (290)

Patient Benefit and Satisfaction With a Pharmacist-Led Medicare Part D Plan Selection Program. 

Ravindra S, Beaty S, Ohio State University College of Pharmacy (291)

Patient Perceptions of Pharmacoepidemiologic Testing to Personalize Pain Management in a Community Pharmacy Setting. 

Williamson K, Goode J, Virginia Commonwealth University School of Pharmacy, Grimes M, Buford Road Pharmacy (292)

Patient Perspectives About Community Pharmacy-Based Value-Added Services. 

Las E, Wilhelm M, Southern Illinois University Edwardsville School of Pharmacy (293)

Patient Satisfaction Associated With Various Marketing Techniques for Comprehensive Medication Reviews in a Community Pharmacy. 

Dudzinski K, Wenstrom K, Meijer, Detlof R, Pfizer (294)

Project Breathe: Assessing Caregivers’ Knowledge and Perception of Asthma Education Efforts. 

Kellely Y, Stephens K, Smelter A, Dukin J, University of Mississippi School of Pharmacy (295)

Project Breathe: Impact and Scope of Student Pharmacist Collaboration. 

Kellely Y, Stephens K, Smelter A, University of Mississippi School of Pharmacy, Schmidt S, North Dakota State University, Kiper R, Cedarville University, Meza C, University of Tennessee Health Science Center, Curley J, North Dakota State University, Chini A, Moon A, Cedarville University, Grumby A, Dukin J, University of Mississippi School of Pharmacy (296)

The Public’s Digital View of Pharmacy: An Exploration of Community Pharmacy Websites in Tennessee. 

Bona-Hart N, Hofmeier K, University of Tennessee Health Science Center College of Pharmacy (297)

Results From a Model Extending Direct Patient Care From a Patient-Centered Medical Home Into Community Pharmacies: A Pilot Study Between CVS Pharmacy and the University of Michigan Patient-Centered Medical Home. 


The Screening of Early-Onset Cognitive Impairment in a Community Pharmacy Setting. 

Malldin M, Riss J, Bartolucci A, Brands M, Flesier D, Cubi/Supervalu Pharmacies (299)

Smoking Cessation Targeting Perioperative Patients: An Evaluation of a Community Pharmacy-Based Program. 

Kearin J, Bocci J, Alkens J, Kelley-Ross Pharmacy (300)

Teen Views on Access to Birth Control in Pharmacies: A Qualitative Study. 

Miller C, Rafle S, University of California San Diego Skaggs School of Pharmacy and Pharmaceutical Sciences, Rafle S, Bay Area Pain and Wellness Center, Williamson T, Indiana University School of Medicine, Cohen Landau S (301)

Trend Analysis of Paid Claims for the Wisconsin Medicaid Pharmaceutical Care Program—2007 to 2012. 

Lebchek S, Matt D, University of Wisconsin-Madison School of Pharmacy (302)

Personalized Medicine/Pharmacogenomics 

Implementation of a Pharmacist-Led Pharmacogenomics Service for Programs of All-Inclusive Care for the Elderly. 

Bran K, Knowlton C, Knowlton D, Schwartz E, Dunnings J, Case-Kreins (303)

Improving Pharmacists’ Ability to Engage Patients in Pharmacogenomics Testing Within a Chain Community Pharmacy. 

Harl K, Beertenbr K, University of Pittsburgh School of Pharmacy, McGrath S, J, Rite Aid, Coley K, Empey P, Somma McGivney M, University of Pittsburgh School of Pharmacy (304)

Pharmacist Application of Pharmacogenomics in Clinical Practice. 

Speokins J, Fuku B, Schoondheimer S, Sabolmi M, University of Minnesota College of Pharmacy (305)

Pharmacist Behaviors and Attitudes 

The Acute Impact of Relaxation Techniques on Stress, Psychological and Physiological Health. 


Assessment of the Characteristics and Readiness of Community Pharmacists Participating in a Pharmacy Care Management Program. 

Ferris S, University of North Carolina at Chapel Hill School of Pharmacy, Shee C, University of North Carolina at Chapel Hill Gillings School of Public Health, Brown P, Smith M, University of North Carolina at Chapel Hill School of Pharmacy, Pfeifferberger T, Community Care of North Carolina, Farley J, University of North Carolina at Chapel Hill School of Pharmacy (307)

Assessment of Community Pharmacist Readiness and Perceptions Regarding Naloxone Dispensing in West Virginia. 

Hicks H, Elswick B, West Virginia University School of Pharmacy (308)

Assessment of Pharmacists’ Attitudes Toward Expanded Scope of Clinical Community and Ambulatory Care Practice in Ohio. 

Falck C, Sullivan D, Ohio State University College of Pharmacy (309)

Barriers to Student Pharmacists’ Involvement in Advocacy-Related Initiatives. 

Fu G, Banda S, Valina L, Tascami M, Feudo D, Ernest Maria School of Pharmacy (310)

Career Stage Attitudinal Differences Toward Expanded Scope of Pharmacist Practice: A Canadian Perspective. 

Wormald B, Mahaffey T, Boyle T, St. Francis Xavier University, Busbey A, Barker J, Dalhousie University Rowe School of Business (311)

Community Pharmacists’ Perspective Toward Medical Prescription Clarity and Content in Alexandria, Egypt. 

Abedrabohman O, Saber S, Alexandria University, Abd-Alrazza M, Borg Al-Abdelrazza M, Alexandria University, Abou-AI A, Sanafli Pasteur (312)

Community Pharmacists’ Attitudes Toward the Administration of Long-Acting Injectable Antipsychotic Therapies. 

Gupta S, University of the Sciences, Lopera T, Mameru J, Jansen Scientific Affairs LLC, Mandel H, University of the Sciences (313)


Gillett H, East Tennessee State University College of Pharmacy, Cottle J, University of Pittsburgh School of Pharmacy (314)

Identifying Barriers to Dispensing Nonprescription Syringes: A Survey of Community Pharmacists in North Carolina. 

Ona J, Harris D, Bible M, Marcinick M, University of North Carolina at Chapel Hill Eshelman School of Pharmacy (316)

Integration of Community Pharmacists in Transitions of Care Services: Current Trends and Pharmacist Perceptions. 

Carter E, University of Colorado, Trinkle K, University of Colorado Skaggs School of Pharmacy, Perica K, University of Colorado Hospital (317)

Pharmacist Perceptions and Baseline Knowledge Assessment of a Naloxone Standing Order in Community Pharmacies. 

Brown T, Hoghaghbor S, Skturno M, Duquesne University Mylan School of Pharmacy (318)

Pharmacist Self-Reported Knowledge, Attitudes, Beliefs, and Practices Survey Regarding the Development and Implementation of a Pharmacist-Directed Harmful Contraceptive Program. 

Khalafali J, University of Southern California School of Pharmacy, Sarino I, Ralphs Grocery Company, Mirzaian E, University of Southern California School of Pharmacy (319)

Pharmacists in Industry: Analysis of Marketing Candidates. 

Bhug A, Rakehi P, Hatfield J, Bao D, Ferro L, Rutgers University (320)

Pharmacists’ Role in Harm Reduction: A Survey Study of Kentucky Pharmacists’ Willingness to Participate in Needle Exchange. 

Gardner S, University of Kentucky College of Pharmacy, Green T, Boston University School of Medicine, Fallin A, University of Kentucky College of Nursing, Troske S, Freeman P, University of Kentucky College of Pharmacy (321)
Assessing the Influence of Patients’ Functional Health Literacy and Beliefs About Medications on Adherence to Heart Health Medications. King S, Rogers E, Tutucotte K, Union University (353).


Quality and Safety


Association of Gastrointestinal Effects and Statin Use. A Large Propensity Score-Matched Retrospective Cohort Study. Martinez A, Freeman T, University of Kentucky College of Pharmacy (369).


Quantifying the Relationship Between Patient Characteristics and Involvement in Developing and Implementing a Treatment Plan. Ray N, Ulrich E, Drake University College of Pharmacy and Health Sciences (382).

Targeting Community Pharmacy Star Ratings: Reducing the Use of High-Risk Medications in Elderly Patients. Matthews E, University of Southern California School of Pharmacy, Sarino L, Ralphs Grocery Company, Mirzaian E, University of California, San Diego Skaggs School of Pharmacy and Pharmaceutical Sciences (383).


Reimbursement

Implementation of Medication Therapy Management Services for Chronic Care Medicare Patients. Bugli A, Malinowski J, Wilkes University (386).

Trends in Average Wholesale Prices of New Drugs With Oral Formulations in the United States—1990 to 2013. Saez-Vaquez E, MCHP, University of California San Francisco Medical Center, Rodriguez/Manguso R, University of Massachusetts–Amherst School of Public Health and Health Sciences (387).

Using Performance as a Payment Criterion for Providing Clinical Services in Community Pharmacies. Farley J, University of North Carolina at Chapel Hill Eshelman School of Pharmacy, Wei D, Shashy C, Community Care of North Carolina, Baggett G, Ray N, University of North Carolina at Chapel Hill Eshelman School of Pharmacy, Pfleiffer T, Community Care of North Carolina, Ferrer S, University of North Carolina at Chapel Hill Eshelman School of Pharmacy, Moore J, Moose Pharmacy, Trygstad T, Community Care of North Carolina (388).

The Value of Subsidies of Health Plans and Cost Sharing for Prescription Drugs in the Health Insurance Marketplace. Narayanaswamy S, Mort J, South Dakota State University College of Pharmacy (389).

Respiratory Care

**Safety and Efficacy of Tiotropium Respinat vs. HandiHaler in Chronic Obstructive Pulmonary Disease: The TiOSPIR Trial.**
Wise P, Johns Hopkins University School of Medicine, Anzueto A, University of Texas, Cotton D, Joseph E, Boehringer Ingelheim Pharmaceuticals Inc., Katenbeck S, Koer-ner-Bergmann M, Boehringer Ingelheim Pharma GmbH & Co. KG, Dahl, Ondeser University (392)

**Tiotropium + Olodaterol Shows Clinically Meaningful Improvements in Quality of Life vs. Placebo.**
Albrahim S, Mergauntown Pulmonary Associates, Gronke I, Hallman C, Boehringer Ingelheim Pharma GmbH & Co. KG, Bennett N, Cleaime-Beaty E, Boehringer Ingelheim Pharmaceuticals Inc., Ferguson G, Pulmonary Research Institute of Southeast Michigan (393)

**Specialty Pharmacy**
Access to Hepatitis C Medications in a Community Pharmacy Setting.
Bass H, Kinney J, Mercer University College of Pharmacy, Schnapp A, Walgreens (394)

Clinical Outcomes and Costs Associated With Pre- and Post-Initiation of Cyclic Fibrosis Transmembrane Conductance Regulator Potentiating Agents in Managed Care Medicaid Plans.

Community Pharmacists’ Role in Care Transitions on a Multidisciplinary Transplant Team.
Nguyen D, Walgreens, Rogers C, Richards K, Beth Israel Deaconess Medical Center, Loring A, Walgreens (396)

Determination of Particle Fineness of Mortar-Triturated Powders in Compounding: Effect on Dissolution and Potency of Extemporaneous Amlodipine Besylate by Extemporaneous Preparations.
Nevins E, Nino Southern University College of Pharmacy (397)

Evaluation of Cost to Dispense in an Independent Community Specialty Pharmacy.
Kuiselmann J, Ziegler B, Fabel P, University of South Carolina College of Pharmacy, Danzler C, Garnett M, Barney’s Pharmacy, Maed C, University of Georgia College of Pharmacy (398)

Evolution of Specialty Pharmacy Accreditation Services in Outpatient Pharmacies Within a Multihospital Community Health System.
Baser N, Schwaar K, Zook T, Hanleykhy W, NorthShore University HealthSystem (399)

Impact of Specialty Medication Expenditures on Total Medication Expenditures.
Fink B, Schondelmeyer S, University of Minnesota College of Pharmacy (400)

A Needs Assessment of Community Pharmacists for Pharmacist Specialization in Canada.
Petra J, Mackinnon N, University of Cincinnati James L, Winkle College of Pharmacy, Jorgenson D, University of Saskatchewan College of Pharmacy and Nutrition, Smith J, Intergage Consulting Group Inc. (401)

Pharmacists’ Ability to Increase Chronic Disease State Medication Adherence in a Specialized Risk Population.
Hargh C, Machado M, Misty A, Walgreens (402)

Cotton R, Fink B, Schondelmeyer S, Sabalbi M, University of Minnesota College of Pharmacy (403)

The Role of Community Pharmacy in the Treatment of Patients With Hepatitis C.
Wills S, Kebducara C, St. Louis College of Pharmacy, Smith D, Gibson N, Walgreens, Voss S, St Louis College of Pharmacy, Willham J, Holgate K, Walgreens, Gatts N, St Louis College of Pharmacy (404)

**Substance Abuse and Addictions**
Quit Rates in Patients Undergoing a Personalized Tobacco Cessation Coaching Program at a University Health Center.
Gould A, Thiota K, DMond P, Campbell University College of Pharmacy and Health Sciences, Penning N, Campbell University School of Orthopedic Medicine, Lingerfell B, Walgreens (405)

Messersby T, Southern Illinois University Edwardsville School of Pharmacy (406)

Assessing the Effectiveness of Prescription Drug Abuse-Focused Instruction Given to Secondary Education Majors Prior to Student Teaching: A Pilot Study.
Galler C, Kerr J, Southern Illinois University Edwardsville School of Pharmacy (407)

Factors Associated With Treatment Persistence Among Patients Newly Initiated on Opioid Substitution Pharmacotherapy.
Shcherbakov N, Western New England University College of Pharmacy, Tejero G, Span J, Health New England (408)

Nebraska Medication Education on Disposal Strategies Coalition: Removing Unwanted Medications From Nebraska Homes.
Telsner J, Creighton University School of Pharmacy and Health Professions, Muetting, M, Nebraska Pharmacists Association (410)

Gibbs S, Abel C, Towlie J, MCHPS University (411)

Saw Hay E, Albertsons Companies, Koon L, University of California San Francisco School of Pharmacy, Strauss R, Hamer J, Albertsons Companies (412)

Rybakov S, East Tennessee State University Gatton College of Pharmacy, Tuvinder F, East Tennessee State University Quillen College of Medicine, Haye E, East Tennessee State University Gatton College of Pharmacy, Hagaman A, Pack R, East Tennessee State University College of Public Health, Hagemen N, East Tennessee State University Gatton College of Pharmacy (413)

Qualitative Assessment of Pharmacists’ Use of Prescription Drug Monitoring Program Data and Attitudes Toward Patient Engagement.
Flammia M, Hatfield M, Sawran R, University of Houston College of Pharmacy (414)

Screening Patients for Misuse of Opioid Pain Medications in Community Pharmacies.
Cochan G, University of Pittsburgh School of Social Work, Bacc U, University of Washington School of Pharmacy, Seybert A, University of Pittsburgh School of Pharmacy, Miller S, University of Pittsburgh Medical Center, Rater T, University of Pittsburgh School of Pharmacy (415)

Technology
Evaluation of E-Prescribing Errors in an Outpatient Pharmacy Within a Multihospital Community Health System.
Cameron G, Crouse P, Hanleykhy K, Zook T, NorthShore University HealthSystem (416)

The Impact of Computerized Physician Order Entry Implementation on Patient Safety: Lessons Learned.
Zhao C, Lee J, Creighton University School of Pharmacy and Health Professions (417)

Impact of Integrating a Prescription Drug Monitoring Program Into Supermarket Pharmacy Dispensing Software.
Haldorsson K, Curran G, Stafford R, University of Arkansas for Medical Sciences (418)

Implementing a Specialty Pharmacy Patient Management Application for Solid Organ Transplant Service.
Oliveira R, Whisle R, Nathanson A, Johns Hopkins Home Care Group, Swanhart M, Reichert B, Johns Hopkins Hospital, Campbell C, Johns Hopkins Home Care Group (419)

Medication Adherence Rates Utilizing a Community Pharmacy-Based Mobile Application.
Underwood B, Williams N, Southwestern Oklahoma State University, Kinnard J, H, Walgreens (420)

Mobile Applications for Medication Self-Management and Adherence.
Dish T, University of California San Francisco School of Pharmacy, Choy J, Gerentech USA, Lee K, University of California San Francisco School of Pharmacy (421)

Perceptions of Electronic Health Record and Electronic Prescribing Use on Safety and Quality in Rural Ambulatory Care Clinics.

There Are Too Many Apps for That: Development of a Website Helps Patients and Providers Find Quality Medication Adherence Applications.
Helderganda S, Mone B, Shilling R, VanValkenburg M, Renna C, Hadden K, Dayer L, University of Arkansas for Medical Sciences (423)

**Workforce and Manpower**
Beyond Medication Provision: Pharmacists Comment on Emergent Roles in Patient Care Services.
St. Germaine S, Gathier J, Schommer J, Cooza B, Nguyen T, Rajacasan S, Zhao R, University of Minnesota College of Pharmacy (424)

Beyond the Postgraduate Year 1 Community Pharmacy Residency: Characterizing Career Pathways of Residency Graduates.
Stamford M, Doprinosov S, Snyder N, Purdue University College of Pharmacy (425)

Evaluating the Impact of an Employee Wellness Program in an Independent Pharmacy.
Want C, Bour J, University of Georgia College of Pharmacy, Danzler C, Barney’s Pharmacy, Young H, University of Georgia College of Pharmacy, Carmichael E, Barney’s Pharmacy, Kurselman D, University of South Carolina College of Pharmacy (426)


Pharmacists’ Career Histories: Results From the 2014 National Pharmacist Workforce Survey.
Dashti A, Gathier C, Schommer J, University of Minnesota College of Pharmacy, Doucette W, University of Iowa College of Pharmacy, Matt D, Keebling D, University of Wisconsin–Madison School of Pharmacy (429)

Prescription Fill Times as a Relative Value Unit at Outpatient Pharmacies Within a Health System.
Garcia A, University of Arizona College of Pharmacy, Chun J, Fu D, Johns Hopkins Homecare Group (430)