

CURRICULUM VITAE

Aaron Winn PhD

**Associate Professor
Department of School of Pharmacy Administration
Division of Administration**

OFFICE ADDRESS:

Medical Education Building
8701 Watertown Plank Rd
Milwaukee, WI 53226

EDUCATION:

2003 - 2007 Economics, University of Illinois at Chicago, Chicago, IL
2007 - 2009 MPP, University of Chicago, Chicago, IL
2013 - 2017 PhD, University of North Carolina at Chapel Hill, Chapel Hill, NC

FACULTY APPOINTMENTS:

09/2017 - 06/2022 Assistant Professor, Clinical Sciences, School of Pharmacy, Medical College of Wisconsin
07/2022 - 09/2022 Visiting Scholar, Health Economics Research Centre, University of Oxford
07/2022 - Present Associate Professor, Clinical Sciences, School of Pharmacy, Medical College of Wisconsin

ADMINISTRATIVE APPOINTMENTS:

2022 - Present Director of Analytics and Assessment, School of Pharmacy

EDUCATIONAL ADMINISTRATIVE APPOINTMENTS:

2017 - 2019 Course Developer and Director, PHAR 550: Health Systems and Patient Safety, School of Pharmacy, Medical College of Wisconsin, Milwaukee, WI
2018 - Present Course Developer and Director, PHAR 551: Evidence Based Practice, School of Pharmacy, Medical College of Wisconsin, Milwaukee, WI
2018 - Present Course Developer and Director, PHAR 552: Population Health, School of Pharmacy, Medical College of Wisconsin, Milwaukee, WI
2021 - Present Course Director, PUCH 19925: Introduction to Statistical Analysis Using Stata, Institute of Health and Equity, Medical College of Wisconsin, Milwaukee, WI

AWARDS AND HONORS:

2013 - 2017 Doctoral Fellowship, Royster Society of Fellows
2016 Student Travel Grant, Lineberger Cancer Center, University of North Carolina, Chapel Hill
2017 Best Abstract, AcademyHealth
2019 Highest Quality Peer Reviewer, Journal of Managed Care and Specialty Pharmacy
2019 Cost Effectiveness Analysis Registry Paper of the Year Award, The Tufts Medical Center, Center for the Evaluation of Value of Risk in Health
2020 Ronald D. Mann Best Paper Award Honorable Mention, International Society for Pharmacoepidemiology
2021 Graduate School Outstanding Educator Award, Medical College of Wisconsin
2021 Presentation Selected as "Best of ADA" , American Diabetes Association

EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:

Journal Review
2015 - Present Journal of Clinical Oncology
2015 - Present American Journal of Preventative Medicine

2016 - Present Annals of Internal Medicine
 2016 - 2017 North Carolina Journal of Medicine
 2017 - Present Journal of Managed Care and Specialty Pharmacy
 2017 - Present Open Forum Infectious Diseases
 2017 - Present Clinical Breast Cancer
 2018 - Present Alzheimer's & Dementia
 2018 - Present Journal of the National Cancer Institute
 2018 - Present Pharmacoepidemiology and Drug Safety
 2018 - Present Cancer Causes & Control
 2018 - Present The American Journal of Managed Care
 2018 - Present The Gerontologist
 2018 - Present Cancer
 2019 - Present Value in Health
 2019 - Present Journal of General Internal Medicine
 2019 - Present American Journal of Preventive Medicine
 2019 - Present Research in Social and Administrative Pharmacy
 2019 - Present Journal of the American Pharmacists Association
 2019 - Present Journal of the National Cancer Institute - Cancer Spectrum
 2020 - Present Clinical Epidemiology
 2020 - Present Patient Preference and Adherence
 2020 - Present Journal of the American Medical Informatics Association
 2021 - Present Journal of Medical Economics
 2022 - Present Applied Economics

LOCAL/REGIONAL APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

2020 - Present Member, Advisory Board, Pharmacy Practice Enhancement and Action Research Link (PearlRx)

NATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

2020 - Present Member, ESAS Nominations/Awards Committee, APhA
 2022 - Present Member, Real World Evidence Special Interest Group, International Society for Pharmacoeconomics and Outcomes Research
 2023 Ad-Hoc Member, Special Emphasis Panel on Policy and AD and ADRD Healthcare Disparities: Access, Utilization, and Quality, National Institute on Aging
 2023 Ad-Hoc Member, AGCD2 Chartered Review Committee, Career Development for Early Career Investigators Study Section, National Institute on Aging

RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:

Active

Peer Review

Title:	The Cure Sickle Cell Initiative Economic Analysis: An Evaluation of the Costs of Sickle Cell Disease and Potential Health Plan Budget Impacts of Gene Therapy as a New Treatment Option
Source:	NHLBI 1OT3HL151434
Role:	Investigator
PI:	Ramsey
Dates:	01/07/2019 - 06/30/2022
Direct Funds:	\$727,500 (Using data from multiple large claims databases (Medicare, Medicaid, and MarketScan), I, with input from other investigators, developed of a mathematical model of the relationships between patient demographics,

treatments and sickle cell disease related outcomes. Moreover, we incorporate the impact of sickle cell events on patients' quality of life and health care costs. Using this model, we will examine the costs and value of new treatments for patient with sickle cell disease.)

Title: Understanding and addressing health disparities in Wisconsin through statewide partnerships
Source: Advancing Healthier Wisconsin
Role: Investigator
PI: Neuner
Dates: 07/01/2021 - 06/30/2024
Direct Funds: \$1,500,000 (This project will 1) develop reports on populations with the greatest disparities in access to care, quality of care, healthcare use, and health outcomes in Wisconsin over time 2) build and evaluate statewide capacity to enhance health improvement strategies with best practices that simultaneously reduce disparities, and 3) Facilitate partnerships to develop and amplify research to target disparities that lack evidence-based interventions. As an investigator and methodologist for this project, my role focuses on accurate study design and accurate measurement of quality of care using administrative data sources.)

Title: Bridging Community-based Continence Promotion and Primary Care
Source: AHRQ
Role: Investigator
PI: Brown, Neuner, and Flynn (Co-PIs)
Dates: 02/01/2022 - 01/31/2025
Direct Funds: \$2,999,558 (This project aims to evaluate the effectiveness of a primary care based practice facilitation effort either used alone or in combination with community partnerships to promote use of evidence based practices for non-surgical intervention for urinary incontinence. As an investigator, I will lead the economic analysis to determine the value of the services provided.)

Title: Understanding and Addressing Opioid and Benzodiazepine Co-prescribing among Older Adults with Cancer
Source: NIA R21AG072688
Role: PI
PI: Winn and Check
Dates: 03/01/2022 - 02/28/2024

Direct Funds: \$466,440 (This study will characterize patterns of opioid and benzodiazepine co-prescribing among older adults diagnosed with breast, colorectal, or lung cancer and examine the risks of avoidable harms associated with opioid and benzodiazepine co-prescribing. As the co-PI, will be responsible for the overall execution of the project, with particular focus on the quantitative analysis. I will oversee the research design, planning, analyses for all aspects of the quantitative analysis (Aims 1 and 2).)

Title: Understanding the Importance of Industry Relationships for Cancer Care Quality, Outcomes, and Costs

Source: National Cancer Institute

Role: Investigator

PI: Mitchell (Memorial Sloan Kettering)

Dates: 09/2022 - 08/2027

Direct Funds: \$2,138,965 (Personal payments from the pharmaceutical industry to US physicians are common and influence physician prescribing. Approximately 80% of medical oncologists receive personal payments from industry each year, with a mean of over \$5,500 per physician. This grant will assess whether receipt of industry payments by physicians is associated with the likelihood that they deliver the guideline-preferred treatment for each patient and established forms of low-value care. Additionally, we will assess the association between industry payments and patient outcomes and costs of care. As an investigator and methodologist for this project, I will supervise the data analysts and lead the statistical analysis.)

Non-Peer Review

Title: Evaluation of Wisconsin's SeniorCare Prescription Drug Program

Source: Wisconsin Department of Health Services

Role: Investigator

PI: Look

Dates: 2021 - 2026

**Prior
Peer Review**

Title: Stopping Tyrosine Kinase Inhibitors in CML Patients (Stop-TKIs)

Source: NCI 1R01CA184798

Role: Investigator
PI: Flynn and Atallah
Dates: 01/01/2015 - 08/31/2021
Direct Funds: \$3,345,984 (The Stopping Tyrosine Kinase Inhibitors in CML Patients (Stop TKIs) study discontinued TKI therapy in 170 willing and eligible CML patients and monitored them closely for 3 years to characterize the patient factors associated with CML recurrence, described patient-reported health status changes after TKI discontinuation, and explored patient decision making regarding discontinuation with monitoring. In this study, I examined the quality of life impact, as measured using a quality adjusted life year, developed a simulation model with forecasted the health care savings of stopping TKI and overall value of stopping TKIs.)

Title: Using Big Data Informatics to Improve Care of Women with Advance Breast Cancer

Source: Advancing a Healthier Wisconsin and the CTSI

Role: PI

PI: Winn

Dates: 08/01/2018 - 07/31/2020

Direct Funds: \$250,000 (This study examined the use of CDK4/6 inhibitors among women with advanced breast cancer and explored patient factors that influenced utilization. Among post-menopausal women with estrogen or progesterone receptor- positive advanced breast cancer, we found substantial racial disparities in use of CDK4/6 inhibitors.)

Title: Predicting and Reducing Future Health Disparities for U.S. Adults with Diabetes

Source: National Institute on Minority Health and Health Disparities R01MD013420

Role: Investigator/Methodologist

PI: Laiteerapong (University of Chicago)

Dates: 10/19/2018 - 04/30/2022

Direct Funds: \$2,022,438 (Using data from Kaiser Permanente Northern California, a multi-ethnic, socioeconomically diverse population with diabetes (n~192,000) (16% Latino, 11% African American, 7% South Asian, 4% Chinese; 13% difficulty with English) I, with input from other investigators, developed of a mathematical model of the relationships between patient risk factors and outcomes. We are using this simulation

model to forecast the long-term implications of efforts to reduce diabetes health disparities.)

Title: Hearing Patient's Voice: Contextual Phenotyping of Patient Narratives and Clinical Data using ML & NLP
Source: Clinical & Translational Science Institute
Role: Investigator
PI: Somai
Dates: 07/01/2020 - 06/30/2021
Direct Funds: \$50,000 (In this study, I provided input on appropriate study design.)

Title: Wisconsin Exploratory Center for Interdisciplinary Research in Benign Urology. Project Title: Improving Lower Urinary Tract Symptoms through Interdisciplinary Research and Collaboration between Primary and Specialty Care
Source: NIDDK P20 DK127511
Role: Investigator
PI: Flynn and Neuner
Dates: 09/15/2020 - 06/30/2022
Direct Funds: \$624,000 (The Wisconsin Exploratory Center will enhance the intellectual infrastructure of the benign genitourinary research community and foster scientific research that advances the field by bringing together members of our local community of scientists already investigating benign genitourinary diseases, recruiting experienced scientists investigating other conditions to apply their expertise and techniques to the study of benign genitourinary diseases, conducting pilot research, and supporting student research experiences and a seminar series. For this project, I have served as an epidemiological and statistical methodologist for observational research studies focused on understanding factors that improve UI care.)

Title: Evaluation of a pharmacist-led immunization program to impact vaccination rates for elderly and underserved patients during the COVID-19 era
Source: American Society of Health-System Pharmacists Foundation
Role: Mentor
PI: Smith
Dates: 05/01/2021 - 07/31/2022

Direct Funds: \$2,500 (Proposal for Dr. Courtney Smith, PharmD for career development to mixed-methods research. This study examines the impact of a pharmacist-led visit, coupled with interdisciplinary teamwork with other immunizing providers in order to enhance patient trust for receiving vaccinations, promote effective patient-provider communication, and encourage efficient decision-making for vaccine recommendations during the COVID-19 era. This study utilizes a qualitative, mixed-methods study in order to assess the potential benefits and opportunities for a pharmacist-led immunization program to increase pneumococcal and influenza vaccination rates.)

INVITED LECTURES/WORKSHOPS/PRESENTATIONS:

Regional

- Aaron N Winn, Regression Discontinuity Design, University of Wisconsin Graduate School Research Seminar, Virtual due to COVID-19, 12/03/2020
- Aaron N Winn, Introduction to Propensity Scores, University of Wisconsin Graduate School Research Seminar, Virtual due to COVID-19, 12/04/2020
- Aaron N Winn, Understanding and Applying Regression Discontinuity Design, University of Wisconsin Graduate School Research Seminar, Madison, WI, 12/08/2022
- Aaron N Winn, Why do simulation modeling? A case study in the value of new diabetes treatments and understanding health disparities., University of Wisconsin School of Pharmacy Section of Social and Administrative Pharmacy Seminar Series, Madison, WI, 12/09/2022
- Aaron N Winn, Propensity Score Analysis, University of Wisconsin Graduate School Research Seminar, Madison, WI, 12/09/2022

National

- Aaron N Winn, The Role of Social Networks in the Receipt of Industry Payments, Health Economics Workshop at the University of Chicago, 2018
- Aaron N Winn, Understanding the Role of Patient Costs In Use and Adherence to High Value Cancer Medications, Chronic Diseases & Medical Decision Making, University of Chicago, 08/2020
- Aaron N Winn, The Effect of Health System Factors on Vulnerable Populations, Division of Pharmaceutical Outcomes and Policy Seminar at the University of North Carolina at Chapel Hill Eshelman School of Pharmacy, 2020
- Aaron N Winn, SGLT2is and GLP-1RAs—Equity and Value, American Diabetes Association Annual Meeting, Virtual due to COVID-19, 2021
- Aaron N Winn, Understanding the Role of Patient Costs In Use and Adherence to High Value Cancer Medications, Social and Administrative Pharmacy Seminar, Minneapolis, MN, 03/03/2022
- Aaron N Winn, Development and Internal Validity of the Type 2 Diabetes Outcomes Model of the US (DOMUS), Chronic Diseases & Medical Decision Making, Chicago, IL, 03/30/2022

International

- Aaron N Winn, Development and Validation of a US Based Diabetes Model, Health Economic Research Centre Seminar, Oxford University, Oxford, UK, 07/2022

PEER REVIEWED WORKSHOPS/PRESENTATIONS:

Local

- Winn AN, Mitchell A, Fergestrom N, Neuner JM, Trogdon J, The Role of Physician Social Networks in

Receipt of Pharmaceutical Industry Payments, Milwaukee Regional Research Forum, Milwaukee, WI, 2018

National

- Huang E, Winn AN, John P, Chin M, Meltzer D, The impact of baseline health status on the prioritization of intensive control of glucose and blood pressure levels in elderly patients with diabetes, Society for Medical Decision Making, 2008
- Winn AN, John P, Sarkisian C, Meltzer D, Huang E, The Association of Expectations Regarding Aging and Diabetes-Related Utilities, American Geriatrics Society, 2009
- Winn, AN, O'Grady, M, John P, Substantial Medicare Savings May Result If Insurers Cover 'Artificial Pancreas' Sooner For Diabetes Patients, AcademyHealth, 2011
- Lin PJ, Cohen JT, Winn AN, Kent DM, Neumann PJ, Patterns of Comorbidity Clusters Among Adults with Diabetes, AcademyHealth, 2013
- Olchanski N, Winn AN, Cohen JT, Neumann PJ, Abdominal Aortic Aneurysm Screening: How Many Life Years Lost From Underuse of the Medicare Screening Benefit?, AcademyHealth, 2013
- Olchanski N, Winn AN, Cohen JT, Neumann PJ, Abdominal Aortic Aneurysm Screening: The Impact of the SAAAVE Act of 2007, AcademyHealth, 2013
- Shah G, Winn AN, Cohen J, Lin P, Parsons S, Survival benefit and cost of autologous hematopoietic stem cell transplantation (Auto HSCT) in elderly patients with multiple myeloma (MM) using the SEER-Medicare database., American Society of Clinical Oncology, 2014
- Shah G, Winn AN, Cohen J, Lin P, Parsons S., Cost-Implications Of Comorbidity For Autologous Hematopoietic Stem Cell Transplantation (Auto HSCT) In Elderly Patients With Multiple Myeloma (MM) Using The SEER-Medicare Database, American Society of Hematology, 2014
- Winn AN, Dusetzina SB, Importance of Capturing Longitudinal Adherence Trajectories: Mortality and Adherence to Hormonal Therapy Among Women with Breast Cancer, AcademyHealth, 2015
- Olchanski N, Winn AN, Zhang Y, The Development, Calibration, and Validation of the US Population Health Microsimulation Model, Society of Medical Decision Making, 2016
- Winn AN, Dusetzina SB, Factors Associated with Tyrosine Kinase Inhibitors Initiation and Adherence among Medicare Beneficiaries with Chronic Myeloid Leukemia, AcademyHealth, 2016
- Olchanski N, Winn AN, Zhang Y, Cohen J, A Simulation Approach to Population Health: The Development and Validation of the US Population Health Microsimulation Model, AcademyHealth, 2016
- Shah GL, Winn AN, Lin PJ, Kumar AJ, Parsons SK, Comparison of Survival and Costs of Rituximab-Based Chemotherapy for Initial Therapy of Follicular Lymphoma in Elderly Patients, American Society of Hematology, 2016
- Dusetzina SB, Huskamp H, Winn AN, Basch E, Keating N, The Impact of State Chemotherapy Laws on Use and Spending for Oral Chemotherapy, AcademyHealth, 2016
- Shah GL, Winn AN, Lin PJ, Kumar AJ, Parsons SK, The Utility of the Charlson Comorbidity Index in Predicting Use of Treatment and Survival in Older Lymphoma Patients, American Society of Hematology, 2016
- Mitchell A, Winn AN, and Dusetzina SB, Pharmaceutical Industry Payments and Physician Drug Selection in Oncology, AcademyHealth, 2017
- Winn AN, Dusetzina SB, Winn AN, Dusetzina SB. Paying More for the Same Care: Comparing Physician Office and Hospital Outpatient Department Spending for Infused Chemotherapy among Privately Insured Patients., AcademyHealth, 2017
- Mitchell A, Winn AN, and Dusetzina SB, Pharmaceutical Industry Payments and Physician Drug Selection in Oncology, American Society of Clinical Oncology, 2017
- Winn AN, Keating NL, Trogon JG, Basch EM, Dusetzina SB, Association between Chemotherapy Provider Competition and Access, Cost and Quality of Care for Medicare Beneficiaries with Cancer, Annual Conference of the American Society of Health Economist (ASHEcon), Atlanta, GA, 2018
- Roberts A, Neuner, JM, Fergestrom N, Winn AN, New onset persistent opioid use among older adult breast cancer survivors, American Pharmacists Association (APhA) Annual Meeting & Exposition, Seattle, WA, 2019
- Winn AN, Fergestrom NM, Neuner JM, The Impact of Reduced Copays on Primary and Secondary Adherence to Hormonal Therapy for Older Breast Cancer Patients: Multi-State Analysis, 41st Annual Meeting of the Society for Medical Decision Making, Portland, OR, 2019
- Winn AN, Karter AJ, Staab EM, Liu J, Wan W, Skandari R, Knitter AC, Moffet HM, Miller DR, Peek ME, Huang ES, Laiteerapong N, Racial Difference in Diabetes Medication Initiation, American Diabetes

Association Annual Meeting, Virtual, 2020

Choi J, Winn AN, Skandari R, Franco M, Staab EM, Huang ES, Wan W, Philipson L, Laiteerapong N, US Cost-Effectiveness of First-Line Glucagon-Like Peptide-1 Receptor Agonists (GLP1RA) and Sodium-Glucose Cotransporter-2 Inhibitors (SGLT2I) for Patients With Type 2 Diabetes, Society of General Internal Medicine 2021 Annual Meeting, Virtual, 2021

International

- Cangelosi MJ, Zhong Y, Winn AN, Chambers JD, Value-Based Insurance Design Informed By Government Research: A Case Study of Osteoporosis Fractures, International Society for Pharmacoeconomics and Outcomes Research, 2013
- Chambers JD, Pyo J, Winn A, Neumann PJ, A Systematic Review of the Network Meta-Analysis Literature, International Society for Pharmacoeconomics and Outcomes Research, 2013
- Lin PJ, Cohen JT, Winn AN, Kent DM, Neumann PJ., Patterns of Comorbidity Clusters Among Adults with Diabetes, International Society for Pharmacoeconomics and Outcomes Research, 2013
- Lin P, Olchanski N, Winn AN, Lang K, Using EMR Data for Conducting Retrospective Studies: Opportunities and Pitfalls, International Society for Pharmacoeconomics and Outcomes Research, 2013
- Winn AN, Neumann PJ, Cost-Effectiveness of FDA-Approved Cancer Drugs Since 2000, of International Society for Pharmacoeconomics and Outcomes Research, 2013
- Olchanski N, Winn AN, Cohen JT, Neumann PJ, Abdominal Aortic Aneurysm Screening: How Many Life Years Lost From Underuse of the Medicare Screening Benefit?, International Meeting of International Society for Pharmacoeconomics and Outcomes Research, 2013
- Olchanski N, Zhong Y, Winn AN, Terrin N, Cohen JT, Neumann PJ, Population Health Model: Projecting Health Trajectory of the Massachusetts Population, International Society for Pharmacoeconomics and Outcomes Research, 2014
- Winn AN, Lin P, Cohen J, Parsons S, Cost-effectiveness Analysis of Innovation in Hematologic Malignancies, International Society for Pharmacoeconomics and Outcomes Research, 2014
- Saret C, Winn AN, Cohen J, Lin P, Shah G, Parsons S, Value of Innovation in leukemia, Lymphoma and Myeloma: A Systematic Review, International Society for Pharmacoeconomics and Outcomes Research, 2014
- Zhong Y, Lin PJ, Winn AN, Cohen JT, Neumann PJ, Cost-utility Analyses in Diabetes: A Systematic Review and Potential Gains from Using Economic Evidence, International Society for Pharmacoeconomics and Outcomes Research, 2014
- Dusetzina SB, Winn AN, Taking Medication Adherence Personally: What Does Prior Adherence Tell Us about Future Adherence?, International Conference on Pharmacoepidemiology and Therapeutic Risk Management, 2015
- Winn AN, Dusetzina SB, Improving Adherence Measurement for Applied Pharmacoepidemiology: Estimating the Association between Endocrine Therapy Adherence and Mortality among Women with Breast Cancer, International Conference on Pharmacoepidemiology and Therapeutic Risk Management, 2015
- Winn AN, Dusetzina S, Multi-State Models – A Complimentary Approach to Group Based Trajectory Models, International Conference on Pharmacoepidemiology and Therapeutic Risk Management, 2016
- Kumar AJ, Winn AN, Lin PJ, Shah GL, Parsons SK, . Enrollment Patterns for Hospice and Cost of End-of-Life Care Among Elderly Patients with Diffuse Large B-cell Lymphoma: A SEER-Medicare Analysis, International Meeting of International Society for Pharmacoeconomics and Outcomes Research, 2016
- Kumar AJ, Winn AN, Lin PJ, Shah GL, Parsons SK, Cost-Effectiveness of Rituximab-based Chemotherapy Combinations for the Initial Therapy of Follicular Lymphoma, International Society for Pharmacoeconomics and Outcomes Research, 2016
- Winn AN, Fergestrom N, Neuner JM, Using Group Based Trajectory Models and Propensity Score Weighting to Detect Heterogeneous Treatment Effects: the Case Study of Generic Hormonal Therapy for Women With Breast Cancer, International Conference on Pharmacoepidemiology and Therapeutic Risk Management, Prague, Czech Republic, 2018
- Winn AN, Fergestrom N, Neuner JM, Trogon J, The Role Of Physician Social Networks in Receipt of Pharmaceutical Payments, International Health Economics Association World Congress, Basel, Switzerland, 2019
- Winn AN, Fergestrom NM, Nuener JM, The Impact of Reduced Copay for Hormonal Therapy on Primary and Secondary NonAdherence for Breast Cancer Medicare Patients, 35th International Conference on

COMMITTEE SERVICE:

Medical College of Wisconsin

- 2017 - 2018 Member, Assessment, School of Pharmacy
- 2017 - 2019 Member, Faculty Council
- 2018 - Present Chair, Assessment, School of Pharmacy
- 2019 Member, Search Committee, School of Pharmacy
- 2019 - Present Member, Accreditation Council for Pharmacy Education (ACPE) Self-Study Committee, School of Pharmacy
- 2020 Member, Search Committee, Medical College of Wisconsin
- 2021 - Present Member, Student Wellness and Assessment Task Force, School of Pharmacy
- 2021 - Present Member, Awards and Honors, School of Pharmacy

MEDICAL COLLEGE TEACHING ACTIVITIES:

Graduate Student Education

- 2018 - Present PUCH 18223: Public Health Policy, 1 lecture titled, "Pharmacoeconomics and Drug Policy"
- 2018 - Present PUCH 19229A, Survey Research Methods, 1 lecture titled, "Using Stata: Tips and Tricks"
- 2021 - Present PUCH 19925: Introduction to Statistical Analysis Using Stata, Course Director and Instructor (48 Contact Hours)

Pharmacy Student Education

- 2017 - Present PHAR 552: Population Health, Course Director and Instructor (21 Contact Hours)
- 2017 - Present PHAR 551: Evidence Based Practice, Course Director and Instructor (20 Contact Hours)
- 2018 - 2019 PHAR 550: Health Systems and Patient Safety, Course Director and Instructor (11 Contact Hours)
- 2018 - Present PHAR 530: Patient Care Lab I - Lab Lead - Parts of an Article
- 2020 - Present PHAR 533: Patient Care Lab IV - Lab Lead - Introduction to Journal Club

PROGRAMMATIC DEVELOPMENTS:

Educational Programs

Faculty

- 2020 - 2021 Lead the creation of a new strategic plan for the School of Pharmacy

Research Programs

- 09/2018 - 08/2020 CTSI of Southeast Wisconsin, Clinical Research Scholars Program

SELECTED MEDIA COVERAGE:

- Zand, B., Why are cancer drugs more expensive than ever?, in Houston Chronicle. 2018: Houston, TX.
- Allen, A. For Highland Park man, why did a single shot of a very old cancer drug cost \$38,398? Chicago Sun Times. Oct 28, 2022 Available at: <https://chicago.suntimes.com/consumer-affairs/2022/10/28/23427268/healthcare-bills-billing-paul-hinds-josie-tenore-highland-park-university-chicago-medicine-lupron>
- Miller, J., Many women with breast cancer, limited pharmacy access forgo flu shot, in Healio. 2021.
- Cohen, E.K., Aaron. Bayer paid doctors millions for questionable birth control device. CNN. 2018; Available from: <https://www.cnn.com/2018/07/27/health/essure-bayer-doctor-payments-eprise/index.html?no-st=1532986280>.
- Schroeder, M., How to Better Manage Diabetes – and Save Money Doing It, in US News and World Report. 2018.
- Weintraub, A., Laws To Control Cancer Drug Costs Don't Help Patients With Highest Expenses, in Forbes. 2017. <https://www.forbes.com/sites/arneweintraub/2017/11/09/laws-to-control-cancer-drug-costs-dont-help-patients-with-highest-expenses/?sh=3f37c9797aa6>

- Dodge, B., We got an exclusive look at the presentation that convinced 3 rival firms to invest \$37.5 million in a hot healthcare startup that's using AI to keep patients out of the emergency room, in *Business Insider*. 2020: New York City, NY.
- Carrol, L., Online triage tool may help patients decide if they need immediate care, in *Reuters*. 2019.
- Worcester, S., Beyond Misuse: AEs and Opioids in Older Cancer Survivors, in *Medscape*. 2020.
- Meara, P. One Type Of Cancer Is Killing Black Women At Record-High Rates. White women are less likely to die from the same condition. 2019; *BET*. Available from: <https://www.bet.com/article/1qv8h9/a-type-of-cancer-is-killing-black-women-at-record-high-rates>.
- Johnston, C., Study Gives Mixed Reviews on Laws to Equalize Cancer Patients Out of Pocket Costs, in *Washington Post*. 2017.
- Ornstein, C.W., Tracy; Grochowski Jones, Ryann, Across the U.S., over 700 doctors were paid more than a million dollars by drug and medical-device companies since 2014, in *The Philadelphia Inquirer*. 2019: Philadelphia.
- Wetsman, N. Google's new tool will identify skin conditions — what will people do with that information? *The Verge*. 2021. <https://www.theverge.com/2021/5/24/22451361/google-skin-condition-dermatology-symptom-checker>
- Szabo, L. As Drug Costs Soar, People Delay Or Skip Cancer Treatments. *NPR*. 2017; Available from: <https://www.npr.org/sections/health-shots/2017/03/15/520110742/as-drug-costs-soar-people-delay-or-skip-cancer-treatments>.
- Ornstein, C.W., Tracy; Grochowski Jones, Ryann, Across the U.S., over 700 doctors were paid more than a million dollars by drug and medical-device companies since 2014, in *The Philadelphia Inquirer*. 2019: Philadelphia.

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. Huang ES, O'Grady M, Basu A, Winn A, John P, Lee J, Meltzer D, Kollman C, Laffel L, Tamborlane W, Weinzimer S, Wysocki T, Juvenile Diabetes Research Foundation Continuous Glucose Monitoring Study Group. The cost-effectiveness of continuous glucose monitoring in type 1 diabetes. *Diabetes Care*. 2010 Jun;33(6):1269-74. PMID: PMC2875436
2. Greeley SA, John PM, Winn AN, Ornelas J, Lipton RB, Philipson LH, Bell GI, Huang ES. The cost-effectiveness of personalized genetic medicine: the case of genetic testing in neonatal diabetes. *Diabetes Care*. 2011 Mar;34(3):622-7. PMID: PMC3041194
3. Lee JM, Rhee K, O'grady MJ, Basu A, Winn A, John P, Meltzer DO, Kollman C, Laffel LM, Lawrence JM, Tamborlane WV, Wysocki T, Xing D, Huang ES, JDRF Continuous Glucose Monitoring Study Group. Health utilities for children and adults with type 1 diabetes. *Med Care*. 2011 Oct;49(10):924-31. PMID: PMC3210197
4. O'Grady MJ, John P, Winn A. Substantial Medicare savings may result if insurers cover 'artificial pancreas' sooner for diabetes patients. *Health Aff (Millwood)*. 2012 Aug;31(8):1822-9.
5. Naylor RN, John PM, Winn AN, Carmody D, Greeley SA, Philipson LH, Bell GI, Huang ES. Cost-effectiveness of MODY genetic testing: translating genomic advances into practical health applications. *Diabetes Care*. 2014;37(1):202-9. PMID: PMC3867988
6. Dusetzina SB, Winn AN, Abel GA, Huskamp HA, Keating NL. Cost sharing and adherence to tyrosine kinase inhibitors for patients with chronic myeloid leukemia. *J Clin Oncol*. 2014 Feb 01;32(4):306-11.
7. Olchanski N, Winn A, Cohen JT, Neumann PJ. Abdominal aortic aneurysm screening: how many life years lost from underuse of the medicare screening benefit? *J Gen Intern Med*. 2014 Aug;29(8):1155-61. PMID: PMC4099445
8. Chambers JD, Winn A, Zhong Y, Olchanski N, Cangelosi MJ. Potential role of network meta-analysis in value-based insurance design. *Am J Manag Care*. 2014 Aug;20(8):641-8.
9. Saret CJ, Winn AN, Shah G, Parsons SK, Lin PJ, Cohen JT, Neumann PJ. Value of innovation in hematologic malignancies: a systematic review of published cost-effectiveness analyses. *Blood*. 2015 Mar 19;125(12):1866-9. PMID: PMC4366623
10. Zhong Y, Lin PJ, Cohen JT, Winn AN, Neumann PJ. Cost-utility analyses in diabetes: a systematic review and implications from real-world evidence. *Value Health*. 2015 Mar;18(2):308-14.
11. Lin PJ, Kent DM, Winn A, Cohen JT, Neumann PJ. Multiple chronic conditions in type 2 diabetes mellitus: prevalence and consequences. *Am J Manag Care*. 2015 Jan 01;21(1):e23-34.
12. Chambers JD, Naci H, Wouters OJ, Pyo J, Gunjal S, Kennedy IR, Hoey MG, Winn A, Neumann PJ. An

- assessment of the methodological quality of published network meta-analyses: a systematic review. *PLoS One*. 2015;10(4):e0121715. PMID: PMC4414531
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 14. Shah GL, Winn AN, Lin PJ, Klein A, Sprague KA, Smith HP, Buchsbaum R, Cohen JT, Miller KB, Comenzo R, Parsons SK. Cost-Effectiveness of Autologous Hematopoietic Stem Cell Transplantation for Elderly Patients with Multiple Myeloma using the Surveillance, Epidemiology, and End Results-Medicare Database. *Biol Blood Marrow Transplant*. 2015 Oct;21(10):1823-9. PMID: PMC4933291
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Editorials, Letters to Editor, Other

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