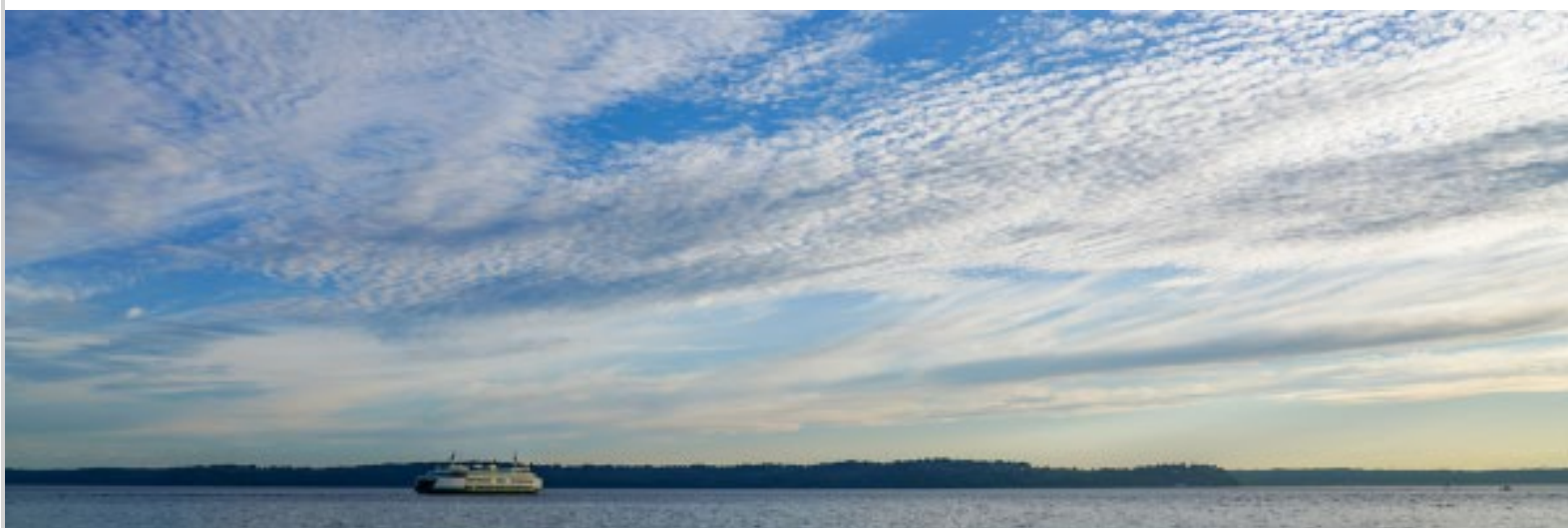


W THE CHOICE INSTITUTE

School of Pharmacy

THE CHOICE INSTITUTE | SCHOOL OF PHARMACY



Director's Welcome

Dear colleagues and friends,

We are once again thrilled to share our activities and achievements at the CHOICE Institute during the Winter quarter of 2024. We organized a letter to submit to CMS, calling out their plan to stop sharing physical CMS data with academic institutions. This is a misconstrued plan, as detailed in the letter, now signed by over 450 academic researchers. The option to sign the letter is available below. Congratulations to our third-year PhD student, Felipe Montano-Campos, for being awarded the Latino Center for Health Fellowship. We also have a terrific group of master's and PhD students in the job market this year. Their profiles can be found [here](#). We are also excited to welcome our largest cohort of MS fellows to date– with the launch of our two new industry partnerships, with Novo Nordisk and Sanofi. Finally, our ISPOR social reception announcement is out (see RSVP link below). We hope to see many of you there!

Sincerely,

Anirban Basu, PhD

Professor & Stergachis Family Endowed Director

The CHOICE Institute



WINTER QUARTER UPDATES

Highlighted are some of the many activities at The CHOICE Institute from this quarter.



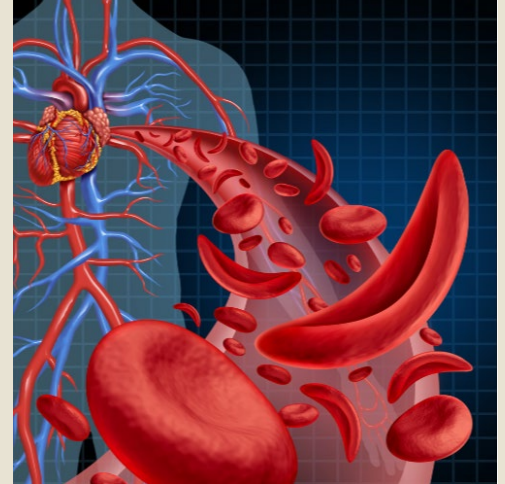
[RSVP to the CHOICE Alumni & Friends ISPOR Reception in Atlanta](#)

We are excited to invite you to the 2024 ISPOR Social Reception hosted by the University of Washington CHOICE Institute and School of Pharmacy! Join us for drinks and appetizers at Wild Leap Atlanta--down the street from the Georgia World Congress Center. See you in Atlanta!



[Felipe Montano-Campos Awarded Latino Center for Health Fellowship](#)

Congratulations to PhD student Felipe Montano-Campos for being awarded the Fellowship from the Latino Center for Health. An interdisciplinary health sciences research center at the University of Washington, the Latino Center for Health is committed to improving the health and well-being of Latinx individuals, families, and communities in Washington state.



[CEA of Gene Therapy in Sickle Cell Disease Published by CHOICE Team](#)

An analysis led by Professor Anirban Basu & funded by the National Heart, Lung, and Blood Institute (NHLBI), suggests that compared with the life-long costs of treating sickle cell disease (SCD), a potential one-time gene therapy treatment will significantly reduce morbidity, improve survival, and reduce the cost of care over patients' lifetimes compared to conventional care.



CHOICE Faculty Organize Letter to CMS in Response to Data Request and Access Policy Changes

Over 450 academic researchers spanning over 100 institutions across the United States signed a letter that we organized in response to the request for information by CMS titled ‘Research Data Request and Access Policy Changes’ issued on February 12th, 2024. The letter points out that the policy changes proposed by CMS, especially those related to the decision that *“CMS is discontinuing the delivery of physical data extracts in support of external research projects,”* are incredibly detrimental to public health and scientific progress in the United States. The proposed changes in the Research Data Request and Access Policy will **put the future of such research in jeopardy, erode academic freedom, directly harm Medicaid and Medicare beneficiaries’ access to and quality of care, hamper the Administrator’s ability to protect the trust fund, and frustrate the agency’s rulemaking toward the goals mentioned above.**

The letter was submitted to CMS in February. However, a dynamic version of the letter, which is continuing to be signed, is available [here](#). If you haven’t signed yet and wish to add your support, you can do so [here](#).

The CHOICE Institute is pleased to announce our 2024-26 cohort of HEOR Fellows who will start their programs this July. This year, we are excited to be welcoming our largest cohort of fellows to date– with the launch of our two new industry partnerships, with Novo Nordisk and Sanofi. [Meet the fellows.](#)

Congratulations to PhD student **Emma Cousin**, Professor **Sean D. Sullivan** and their collaborators for receiving a [PhRMA Foundation](#) Challenge Award. The PhRMA Foundation awarded \$25,000 Challenge Awards to the authors of three manuscripts that explore crucial challenges faced by the Centers for Medicare & Medicaid Services (CMS) in implementing the Medicare Drug Price Negotiation Program. Their paper, titled, [Medicare Drug Price Negotiation: The Complexities of Selecting Therapeutic Alternatives for Estimating Comparative Effectiveness](#), describes the process and intricacies of

selecting therapeutic alternatives for the first 10 drugs subject to Medicare price negotiation. This work was a collaboration between the University of Washington, The London School of Economics & Political Science, and funded by The Commonwealth Fund.

Assistant Professor **Clayton English** and his co-investigators, Associate Professor **Jenny Bacci** and Professor **Andy Stergachis**, received a 2023 Garvey Institute for Brain Health Solutions (GIBHS) Innovation Grant award in November. Their project is titled, "Partnering with community pharmacies to enhance access to long-acting injectable antipsychotics (LAIAs) in Washington State." This project will explore the appropriateness, acceptability, and feasibility of administering LAIAs at community pharmacies, which, if implemented, could potentially increase access to treatment, improve patient outcomes, and expand the delivery of behavioral health services provided by pharmacists. GIBHS funded 12 projects that develop and test innovative partnerships that extend the impact of mental health professionals in Washington state. [Learn more.](#)

Several CHOICE PhD students & alumni including **Samantha Clark** (PhD grad '22), **Ben Nwogu** (3rd year student), and **Rachel Wittenauer** (4th year student) recently co-authored a publication in The Lancet HIV titled, "Impact of self-testing for oral pre-exposure prophylaxis (PrEP) on drug resistance and HIV outcomes in Western Kenya: a modeling study," which evaluated the impact of using HIV self-testing to inform expanded access to and use of PrEP. [Read more.](#)

Assistant Professor **Jing Li** gave an invited presentation at the University of Pennsylvania's Leonard Davis Institute of Health Economics (Penn LDI) Research Seminar in January. The title of her presentation is: "Social Preferences of U.S. Physicians: Experimental and Observational Data". [Read more.](#)

Assistant Professor **Clayton English** was recently appointed to the American Association of Psychiatric Pharmacists Foundation (AAPPF) Board of Directors for a three-year term starting in January 2024. The foundation

is the philanthropic arm of AAPP and its charge is to advance the field of psychiatric pharmacy and the profession through supporting research, scholarship, and development of clinical practitioners. [Learn more.](#)

In December, PhD Student **Shiven Bhardwaj**, along with his team at Healthsperien, launched a whitepaper on how public sector purchasers partner with PBMs to address rising drug costs. They also presented their findings in a webinar. Full report and webinar can be [found here.](#)

ISPOR Chapter Update | *By Ben Nwogu, Chapter President*

On Friday, January 26, 2024, the UW ISPOR Chapter organized a captivating industry career talk event entitled “Market Access Strategies: Understanding the Value of Care in the Pharmaceutical Industry.” The keynote speaker for the event was Edouard Lassalle, Associate Director of Market Access Operations & Analytics at Jazz Pharmaceuticals. Mr. Lassalle shared valuable insights into the intricate process of introducing pharmaceutical products into both the US and international markets. His presentation delved into country-specific disparities in value assessment, pricing strategies, and reimbursement approaches. The event garnered substantial attendance, incorporating a hybrid format that facilitated physical participation for most attendees, complemented by a virtual presence via Zoom for others. The dynamic interaction between the students and the speaker underscored the event's success in fostering engagement and knowledge exchange. Looking ahead, the Chapter's leadership is gearing up for another compelling industry-focused career event scheduled for the upcoming Spring quarter. Nina Hill, an esteemed CHOICE alumna and a seasoned HEOR (Health Economics and Outcomes Research) expert with a wealth of industry experience, is slated to be the featured speaker.

Nominate a School of Pharmacy Alumni for the 2024 PAA Distinguished Alumni Award

The UW School of Pharmacy and the Pharmacy Alumni Association (PAA) invite you to recognize exceptional

School of Pharmacy alumni by nominating one or more colleagues for the School's 2024 Distinguished Alumni Awards. Presented annually by the Pharmacy Alumni Association, these awards recognize graduates who demonstrate excellence in the profession, are connected to the School, and have a positive impact on the pharmacy and research community regionally and/or nationally. Awards will be presented in spring 2024. In recognition of both our professional and graduate programs at the School of Pharmacy, two awards are given to exceptional alumni each year. One award honors an outstanding graduate working in Pharmaceutical Sciences/Research, while the other recognizes an outstanding graduate working in Pharmacy Practice. UWSOP PhD, MS, PharmD and BS graduates are all eligible for nomination. For questions, please email rxalumni@uw.edu or call 206-616-7613.

CHOICE Kudos

Kudos to Felipe for being part of the admission committee and spearheading the effort to connect prospective and current students. - Shiven B.

Kudos to Ashley for bringing the energy to happy hours! -Rachel W.

Kudos to Leana for all of her amazing work on our certificate programs, including taking the time to add closed captions for all lectures, which has significantly improved the accessibility of our online course content! -Marina G.

CHOICE BLOG: INCREMENTAL THOUGHTS



SELECTED PUBLICATIONS

Adamson B, Waskom M, Blarre A, Kelly J, Krismer K, Nemeth S, Gippetti J, Ritten J, Harrison K, Ho G, Linzmayer R, Bansal T, Wilkinson S, Amster G, Estola E, Benedum CM, Fidyk E, Estévez M, Shapiro W, Cohen AB. [Approach to machine learning for extraction of real-world data variables from electronic health records.](#) *Front Pharmacol.* 2023 Sep 15;14:1180962. doi: 10.3389/fphar.2023.1180962. PMID: 37781703; PMCID: PMC10541019.

Antimicrobial Resistance Collaborators (includes **Stergachis A**). [The burden of antimicrobial resistance in the Americas in 2019: a cross-country systematic analysis](#). Lancet Reg Health Am. 2023 Aug 8;25:100561.

Antimicrobial Resistance Collaborators (includes **Stergachis A**). [The burden of bacterial antimicrobial resistance in the WHO Region of Africa in 2019: a cross-country systematic analysis](#). Lancet Global Public H. 2024 Feb;12(2):e201-e216.

Basu A, Winn AN, **Johnson KM**, **Jiao B**, **Devine B**, Hankins JS, Arnold SD, Bender MA, **Ramsey SD**. [Gene Therapy Versus Common Care for Eligible Individuals With Sickle Cell Disease in the United States: A Cost-Effectiveness Analysis](#). Ann Intern Med. 2024 Feb;177(2):155-164. doi: 10.7326/M23-1520. Epub 2024 Jan 23. PMID: 38252942.

Buekens P, Berrueta M, Ciapponi A, Bardach A, Mazzoni A, Rodriguez-Cairolí F, Gottlieb S, Kampmann B, Parker E, Xiong X, **Zaraa S**, **Stergachis A**. [Safe in Pregnancy: Half a Million Pregnant Persons Vaccinated against COVID-19 Included in a Global Living Systematic Review and Meta-Analysis](#). Vaccine. 2024 Feb 9:S0264-410X(24)00158-0.

Carlo AD, **Basu A**, Unützer J, Jordan N. [Acceptance of Insurance by Psychiatrists and Other Physicians, 2007-2016](#). Psychiatr Serv. 2024 Jan 1;75(1):25-31. doi: 10.1176/appi.ps.202100669. Epub 2023 Jul 10. PMID: 37424301.

Carlson J, Foos V, Kasle A, Mugwagwa T, Draica F, Lee Wiemken T, Nguyen JL, Cha-Silva A, Migliaccio-Walle K, Dzingina M. [Cost-Effectiveness of Oral Nirmatrelvir/Ritonavir in Patients at High Risk for Progression to Severe COVID-19 in the United States](#). Value Health. 2024 Feb;27(2):164-172. doi: 10.1016/j.jval.2023.11.003. Epub 2023 Dec 2. PMID: 38043712.

Cheng Z, Hao H, Tsofliou F, Katz MD, Zhang Y. [Effects of online support and social media communities on](#)

[gestational diabetes: A systematic review](#). Int J Med Inform. 2023 Dec;180:105263. doi: 10.1016/j.ijmedinf.2023.105263. Epub 2023 Oct 14. PMID: 37907014.

Cox SN, Wu L, **Wittenauer R**, **Clark S**, Roberts DA, **Nwogu IB**, et al. [Impact of HIV self-testing for oral pre-exposure prophylaxis scale-up on drug resistance and HIV outcomes in western Kenya: a modelling study](#). Lancet HIV. 2024 Jan. [https://doi.org/10.1016/S2352-3018\(23\)00268-0](https://doi.org/10.1016/S2352-3018(23)00268-0).

Dayer VW, Drummond MF, Dabbous O, Toumi M, Neumann P, Tunis S, Teich N, Saleh S, Persson U, von der Schulenburg JG, Malone DC, Salimullah T, **Sullivan SD**. [Real-world evidence for coverage determination of treatments for rare diseases](#). Orphanet J Rare Dis. 2024 Feb 7;19(1):47. doi: 10.1186/s13023-024-03041-z. PMID: 38326894; PMCID: PMC10848432.

Deem JD, Phan BA, Ogimoto K, Cheng A, Bryan CL, Scarlett JM, Schwartz MW, Morton GJ. [Warm Responsive Neurons in the Hypothalamic Preoptic Area are Potent Regulators of Glucose Homeostasis in Male Mice](#). Endocrinology. 2023 Jun 6;164(7):bqad074. doi: 10.1210/endocr/bqad074. PMID: 37279930; PMCID: PMC10653198.

Deem JD, Tingley D, Bjerregaard AM, Secher A, Chan O, Uzo C, Richardson NE, Giering E, Doan T, Phan BA, Wu B, Scarlett JM, Morton GJ, Schwartz MW. [Identification of Hypothalamic Glucoregulatory Neurons That Sense and Respond to Changes in Glycemia](#). Diabetes. 2023 Sep 1;72(9):1207-1213. doi: 10.2337/db23-0139. PMID: 37347793; PMCID: PMC10450823.

Deem JD, Tingley D, Watts CA, Ogimoto K, Bryan CL, Phan BAN, Damian V, Bruchas MR, Scarlett JM, Schwartz MW, Morton GJ. [High-fat diet feeding disrupts the coupling of thermoregulation to energy homeostasis](#). Mol Metab. 2023 Dec;78:101835. doi: 10.1016/j.molmet.2023.101835. Epub 2023 Nov 4. PMID: 37931788; PMCID: PMC10681932.

Fahim SM, Lin G, **Suh K, Carlson JJ**, Richardson M, Herce-Hagiwara B, **Dickerson R**, Pearson SD, Rind DM, Agboola F. [Atidarsagene autotemcel for metachromatic leukodystrophy: A summary from the Institute for Clinical and Economic Review's California Technology Assessment Forum](#). Journal of Managed Care & Specialty Pharmacy. 2024 Feb 3;30(2).
<https://doi.org/10.18553/jmcp.2024.30.2.201>

GBD 2019 Meningitis Antimicrobial Resistance Collaborators (includes **Stergachis A**). [Global, regional, and national burden of meningitis and its aetiologies, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019](#). The Lancet Neurology. 2023;22:685-711.

Gold LS, **Hansen RN**, Mayer-Hamblett N, Nichols DP, Gifford AH, Kloster M, Goss CH, **Kessler L**. [The cost of simplifying treatments for cystic fibrosis: Implications of the SIMPLIFY trial](#). J Manag Care Spec Pharm. 2024 Jan;30(1):26-33. doi: 10.18553/jmcp.2024.30.1.26. PMID: 38153868; PMCID: PMC10775778.

Hammarlund N, Holt SK, **Basu A**, Etzioni R, Morehead D, Lee JR, Wolff EM, Gore JL, Nyame YA. [Isolating the Drivers of Racial Inequities in Prostate Cancer Treatment](#). Cancer Epidemiol Biomarkers Prev. 2024 Jan 12. doi: 10.1158/1055-9965.EPI-23-0892. Epub ahead of print. PMID: 38214587.

Hernandez I, **Sullivan SD**. [Net prices of new antiobesity medications](#). Obesity (Silver Spring). 2024 Mar;32(3):472-475. doi: 10.1002/oby.23973. Epub 2024 Jan 16. PMID: 38228492.

Ingraham BC, **Barthold D**, Fishman P, Coe NB. [Caregiving for Dementia: Trends pre-post onset and predictive factors of family caregiving \(2002-2018\)](#), Health Affairs Scholar, 2024;, qxae020, <https://doi.org/10.1093/haschl/qxae020>

Jiao B, Carlson JJ, Garrison LP Jr, Basu A. [Evaluating Policies of Expanding Versus Restricting First-Line Treatment Choices: A Cost-Effectiveness Analysis](#)

[Framework](#). Value Health. 2024 Jan 6;S1098-3015(24)00002-0. doi: 10.1016/j.jval.2023.12.013. Epub ahead of print. PMID: 38191022.

Jiao B. [Estimating the Potential Benefits of Confirmatory Trials for Drugs with Accelerated Approval: A Comprehensive Value of Information Framework](#). Pharmacoeconomics. 2023 Dec;41(12):1617-1627. doi: 10.1007/s40273-023-01303-5. Epub 2023 Jul 25. PMID: 37490206.

Kalayjian A, Laszlo K, Fassler M, Schonrock Z, Delarose KE, Ly AM, **English CD, Cirrincione LR.** [Patterns of psychotropic medication prescribing and potential drug-hormone interactions among transgender and gender-diverse adults within 2 years of hormone therapy](#). J Am Pharm Assoc (2003). 2024 Jan-Feb;64(1):283-289.e2.

Lane J, Nakambale H, Kadakia A, Dambisya Y, **Stergachis A,** Odoch W. [A systematic scoping review of medicine availability and affordability in Africa](#). BMC Health Services Research. 2024 Jan 17;24(1):91.

Lane J, **Stergachis A.** [Combining Legal Epidemiology and Implementation Science to Improve Global Access to Medicines: Challenges and Opportunities](#). Frontiers H Services. 2024 Jan 9;3:1291183.

Mpofu P, Kent S, Jónsson P, Pittell H, Groves B, Altomare I, Copeland A, Baxi S, Bargo D, Sujenthiran A, **Adamson B.** [Evaluation of US oncology electronic health record real-world data to reduce uncertainty in health technology appraisals: a retrospective cohort study](#). BMJ Open. 2023 Oct 17;13(10):e074559. doi: 10.1136/bmjopen-2023-074559. PMID: 37848301; PMCID: PMC10582952.

Saber W, **Bansal A,** Li L, Scott BL, Sangaralingham LR, Thao V, **Roth JA,** Wright W, **Steuten LMG,** Pidala JA, Mishra A, Maziarz RT, Westervelt P, McGuirk JP, Cutler C, Nakamura R, **Ramsey SD.** [Cost-Effectiveness of Reduced-Intensity Allogeneic Hematopoietic Cell Transplantation for Older Patients With High-Risk Myelodysplastic Syndrome: Analysis of BMT CTN 1102](#). JCO Oncol Pract.

2024 Jan 23;OP2300413. doi: 10.1200/OP.23.00413. Epub ahead of print. PMID: 38261970.

Saldarriaga EM, Beima-Sofie K, Wamalwa D, Mugo C, Njuguna I, Onyango A, John-Stewart G, Sharma M. [Estimating the costs of adolescent HIV care visits and an intervention to facilitate transition to adult care in Kenya.](#) PLoS One. 2024 Feb 8;19(2):e0296734. doi: 10.1371/journal.pone.0296734. PMID: 38330069; PMCID: PMC10852328.

Saleh S, Dabbous O, **Sullivan SD**, Ankleshwaria D, Trombini D, Toumi M, Daa M, Patel A, Kazazoglu Taylor B, Tunis S. [A practical approach for adoption of a hub and spoke model for cell and gene therapies in low- and middle-income countries: framework and case studies.](#) Gene Ther. 2024 Jan;31(1-2):1-11. doi: 10.1038/s41434-023-00425-x. Epub 2023 Oct 30. PMID: 37903929; PMCID: PMC10788266.

Tsui JI, Gojic AJ, Pierce KA, Tung EL, Connolly NC, Radick AC, Hunt RR, Sandvold R, Taber K, Ninburg M, Kubiniec RH, Scott JD, **Hansen RN**, Stekler JD, Austin EJ, Williams EC, Glick SN. [Pilot study of a community pharmacist led program to treat hepatitis C virus among people who inject drugs.](#) Drug Alcohol Depend Rep. 2023 Dec 23;10:100213. doi: 10.1016/j.dadr.2023.100213. PMID: 38261893; PMCID: PMC10796962.

Turner AJ, Sammon C, Latimer N, **Adamson B, Beal B**, Subbiah V, Abrams KR, Ray J. [Transporting Comparative Effectiveness Evidence Between Countries: Considerations for Health Technology Assessments.](#) Pharmacoeconomics. 2024 Feb;42(2):165-176. doi: 10.1007/s40273-023-01323-1. Epub 2023 Oct 27. PMID: 37891433; PMCID: PMC10811184.

Zaraa S, White HS, Stergachis A, Novotny EJ, Protos C, Simic G, **Bacci JL**. [Using design thinking to strengthen the community pharmacist's role in epilepsy care.](#) Epilepsy Behav. 2023 Nov 28;150:109542.



THE CHOICE INSTITUTE

School of Pharmacy



[CONTACT US](#) | [PRIVACY](#) | [TERMS](#)

© 2024 THE CHOICE INSTITUTE | SCHOOL OF PHARMACY, 1959 NE Pacific St. Suite H375, Seattle, WA 98195