

DECEMBER 2018

Director's Welcome

We are pleased to share with you the many achievements of The CHOICE Institute faculty, students and alumni for the Autumn 2018 quarter. Whether enriching the value discussions in health care, developing state-of-the-art methods in comparative and cost-effectiveness research or evaluating local and national health care policies to inform stakeholders, the CHOICE members have been leading the charge.

Lou Garrison, PhD, won the first prize offered by the PhRMA Foundation and Personalized Medicine Coalition for a paper on defining and measuring value aligned with personalized/precision medicine. **Douglas Barthold**, PhD, is finishing his first year in CHOICE and have carved out a niche in pharmacoepidemiology of aging and evaluating regulations directed towards pharmaceuticals and pharmacists, publishing several papers in these areas. **Beth Devine**, PharmD, PhD, and PhD student **Shuxian Chen** debut the Real-world Evidence Assessments and Needs Guidance (REAdi) Tool, a secured web-based application that integrates aspects of the formal systematic review process with concepts used in formulary decision-making, at the Academy of Managed Care Pharmacy (AMCP) Nexus Meeting.

Aastha Bansal, PhD, was recently awarded a \$2.5M+, seven-year Method to Extend Research in Time (MERIT) (R37) award from the National Cancer Institute to develop a dynamic decision-making framework for identifying personalized risk-adaptive surveillance strategies for cancer survivors. Alumni and Affiliate Assistant Professor **Kai Yeung**, PhD, was recently awarded a grant from Donaghue Foundation on expanding value-based formularies. Several of our members have published in leading journals. Details are provided here.

We wish you a Merry Christmas and a very happy 2019!

Sincerely,

Anirban

Anirban Basu, PhD

Professor and Stergachis Family Endowed Director, The CHOICE Institute

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Awards and Honors



LOU GARRISON NAMED 2018 VALUE ASSESSMENT CHALLENGE AWARD RECIPIENT

UWSOP Professor Emeritus and Visiting Senior Fellow at the Office of Health Economics, Lou Garrison collaborated with Adrian Towse of the Office of Health Economics, London, England on a research proposal that garnered the \$50,000 first place award. [MORE](#)

ANIRBAN BASU RECEIVES MID-CAREER EXCELLENCE AWARD BY HPSS

Anirban Basu was awarded the Mid-Career Excellence Award from the American Statistical Association Section on Health Policy Statistics (HPSS). People within 15 years of their most significant degree are eligible for this award. [MORE](#)



CHOICE Research and Grants



Doug Barthold

Finds a type of blood pressure medication may reduce the risk of Alzheimer's disease [MORE](#)



Aastha Bansal

Garnered a \$2.5M+, 7-year covered Method to Extend Research in Time (MERIT) (R37) NIH award [MORE](#)



Kai Yeung

Received a grant to look at testing and expanding on value in prescription drug benefit design [MORE](#)



[Beth Devine](#)

Debuts Real-world Evidence Assessments and Needs Guidance (READi) Tool [MORE](#)



[Anirban Basu](#)

Received NIH grant to improve projections of the future burden of dementia care [MORE](#)



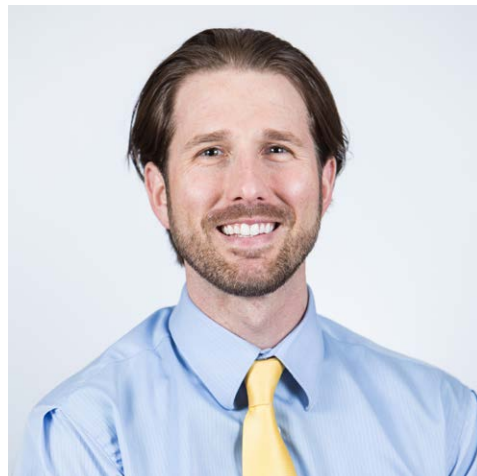
[Shelly Gray](#)

Awarded \$3M CDC grant to study impact of deprescribing to reduce falls in older adults [MORE](#)



[Andy Stergachis](#)

Found Greece's population health declined, death rates rose after harsh austerity measures [MORE](#)



[Zach Marcum](#)

Takes a multi-pronged approach to developing a demential prevention strategy [MORE](#)



[Erik Landaas](#)

Received grant to go to Thailand & study app that screens for traumatic brain injuries [MORE](#)

Selected Publications

Bacci, Jennifer L; Hansen, Ryan; Ree C; Reynolds MJ; Stergachis, Andy; Odegard, Peggy S. [The effects of vaccination forecasts and value-based payment on adult immunizations by community pharmacists.](#) Vaccine 2018.

Basu, Anirban provided Health Economics Training as part of the Healthcare Technology Assessment Fellowship, WHO Collaborating Centre for Priority Medical Devices & Health Technology Policy, National Health Systems Resource Centre, Ministry of Health & Family Welfare, Govt. of India

Basu Anirban; Coe NB; Chapman CG. [2SLS vs 2SRI: Appropriate methods for rare outcomes and/or rare exposures.](#) Health Economics 2018; 27(6):937-955.

Basu Anirban; Jones AM; Dias PR. [Heterogeneity in the Impact of Type of Schooling on Adult Health and Lifestyle.](#) Journal of Health Economics 2018; 57: 1-14.

Carlson, Josh J; Kim DD; **Guzauskas, Greg F; Veenstra, David L; Basu, Anirban; Hendrix, Nathaniel;** et al. [Integrating value of research into NCI Clinical Trials Cooperative Group research review and prioritization: A pilot study.](#) Cancer Med. 2018.

Carlson, Josh J; Suh Kangho; Orfanos P; Wong W. [Cost Effectiveness of Alectinib vs. Crizotinib in First-Line Anaplastic Lymphoma Kinase-Positive Advanced Non-Small-Cell Lung Cancer.](#) Pharmacoeconomics. 2018;36(4):495-504.

Dublin S; Walker RL; Shortreed SM; Ludman EJ; Sherman KJ; **Hansen RN;** Thakral M; Saunders K; Parchman ML; Von Korff M. [Impact of Initiatives to Reduce Prescription Opioid Risks on Medically Attended Injuries in People Using Chronic Opioid Therapy.](#) Pharmacoepidemiology and Drug Safety 2018. In Press.

Gold LS; Patrick DL; **Hansen, Ryan;** Beckett V; Goss CH; Kessler L. [Correspondence between Symptoms and Preference-Based Health Status Measures in the STOP Study.](#) Journal of Cystic Fibrosis 2018. In Press.

Grewal, Simrun; Ramsey, Scott; Balu S; **Carlson, Josh J.** [Cost-savings for biosimilars in the United States: a theoretical framework and budget impact case study application using filgrastim.](#) Expert review of pharmacoeconomics & outcomes research. 2018;18(4):447-454.

Hansen, Ryan; Pham AT; Boing EA; Lovelace B; Wan GJ; Urman RD. [Reduced Length of Stay and Hospitalization Costs among Inpatient Hysterectomy Patients with Postoperative Pain Management including IV versus Oral Acetaminophen.](#) PLOS ONE 2018. In Press.

Marcum, Zachary; Barthold, Douglas; and **Gray, Shelly L.,** et al. published "Brain health and dementia prevention: a mixed-method analysis," which is forthcoming in American Journal of Health Behavior.

Marcum, Zachary; Hohl SD; **Gray, Shelly L; Barthold, Douglas;** Crane PK; Larson EB, 2018. "Brain health and dementia prevention: a mixed-method analysis." American Journal of Health Behavior, [forthcoming]

Slejko, Julia; Basu, Anirban; Sullivan, Sean D. [Returns to Scientific Publications for Pharmaceutical Products](#) in the U.S. Health Economics 2018; 27(2):282-293.

Song Y; **Barthold, Douglas,** 2018. "[The effects of state-level pharmacist regulations on generic substitution of prescription drugs.](#)" Health Economics, 27(11), 1717-1737

Li M; Bennette CS; Amendola LM; Ragan Hart M; Heagerty P; Comstock B; Tarczy-Hornoch P; Fullerton SM; Regier DA; Burke W; Trinidad SB; Jarvik GP; **Veenstra, David L**; Patrick DL. "[The Feelings About genomic Testing Results \(FACToR\) Questionnaire: Development and Preliminary Validation.](#)" J Genet Couns. 2018 Sep 1. doi: 10.1007/s10897-018-0286-9. [Epub ahead of print] PMID: 30173308

Zimmermann M; Rind D; Chapman R; Kumar V; Kahn S; **Carlson, Josh J.** [Economic Evaluation of Dupilumab for Moderate-to-Severe Atopic Dermatitis: A Cost-Utility Analysis.](#) J Drugs Dermatol. 2018;17(7):750-756.



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