

**JASON T. CONNOR**  
**CURRICULUM VITAE**

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- EDUCATION:** Ph.D. Statistics & Public Policy, Carnegie Mellon University, December 2006  
Thesis Advisors: Stephen E. Fienberg & Daniel S. Nagin  
Dissertation: “Multivariate Mixture Models to Describe Longitudinal  
Patterns of Frailty in American Seniors”  
M.S., Statistics, Carnegie Mellon University, May 2000  
B.S., Biomedical Engineering, Texas A&M University, May 1997
- WORK EXPERIENCE:** ConfluenceStat, LLC, 2017-present  
President & Lead Statistical Scientist  
University of Central Florida College of Medicine,  
Assistant Professor of Medical Education, 2008 - present  
Johns Hopkins University, Visiting Assistant Professor, Summers 2010-present  
Berry Consultants, Statistical Scientist, 2006-2017  
Director & Senior Statistical Scientist, 2013-2017  
Statistical Scientist, 2006-2013  
Carnegie Mellon University, Adjunct Faculty,  
Master of Information Science Management Program, 2004  
Cleveland Clinic Foundation, 2000-2003  
Senior Biostatistician, Associate Team Leader, 2002-2003  
Biostatistician, 2000-2002  
National Institute of Standards and Technology, Intern, Summers 1996 & 1997  
Mineral County News-Tribune, Reporter, 1992-1997
- TEACHING:** Johns Hopkins University  
  - Bayesian Adaptive Trials (Graduate course)University of Washington  
  - Bayesian Adaptive Designs for Clinical Trials (Graduate course)Society for Clinical Trials  
  - Platform Trials (Short course)
  - Bayesian Adaptive Trials (Short course)National Institute of Neurological Disorders and Stroke  
  - Clinical Trials Methodology Course, Advanced Track (CME course)University of Central Florida College of Medicine  
  - Focused Individualized Research Experience (Medical course)Carnegie Mellon University  
  - Statistics for IT Managers (Graduate course)
  - Statistical Reasoning
  - Statistical Reasoning & Practice
  - Statistics for IT Managers (Graduate course, teaching assistant)
  - Quantitative Methods of Public Policy Analysis (Graduate course, teaching assistant)
  - Statistical Computing (Graduate course, teaching assistant)

- EDITORSHIPS:** *Comparative Effectiveness Research*, Editorial Board, 2011-present  
*American Journal of Gastroenterology*, Associate Editor, 2004-2009
- PROFESSIONAL SERVICE / ELECTED POSITIONS** FDA Medical Devices Advisory Committee  
 Circulatory Systems Devices Panel, 2019-present  
 Neurological Devices Panel, 2013-2018  
 Gastroenterology-Urology Devices Panel, 2007-2011  
 Clinical Trials Transformation Initiative, 2013-present  
 Quality by Design Working Group  
 Data Monitoring Committees Working Group  
 Patient Centered Outcomes Research Institute (PCORI) Clinical Trials Advisory Panel, 2014-2018.  
 American College of Gastroenterology  
 FDA Committee, 2008-11  
 Research Committee, 2006-2010  
 ENAR Regional Advisory Board, 2005-2007  
 Vice President, Cleveland Chapter, American Statistical Association, 2003  
 Councilman, Parks and Recreation Commissioner, Town of Barton, MD, 1995-1996
- MEMBERSHIPS:** American Statistical Association  
 Society for Clinical Trials  
 Biometrics Society, ENAR
- HONORS, AWARDS, AND FELLOWSHIPS:** Johns Hopkins Bloomberg School of Public Health Teaching Excellence Award  
 Awarded by students in 2015, 2016, 2017, 2019
- Runner-up, Best Contributed Paper Award, American Statistical Association  
 Biopharmaceutical Section: A Case Study of a Bayesian Adaptive Cardiology Device  
 Trial Leading to Approval. Montreal QC, August 2013.
- Fellow, American College of Gastroenterology, 2004.
- Auxiliary Award, Best Scientific Paper: Fecal Lactoferrin as an Aid in Diagnosis of Symptomatic Patients with Ileal Pouch Anal Anastomosis. Parsi MA, Shen B, Achkar J-P, Remzi F, Goldblum, JR, Lin D, Connor JT, Boone J, Fazio VW, Lashner BA. American College of Gastroenterology Meeting, Baltimore MD, October 2003.
- Finalist Best Poster Award: Validation of Equations Used to Predict Warfarin Dosing Decisions. Shermock KM, Connor JT, Thomas N, Fink J, Bragg L. Encore poster at the International Society for Pharmacoeconomics and Outcomes Research Annual Meeting, May 2003.
- National Institutes of Health Trainee Fellowship, August 1997-August 1998.  
 Case Western Reserve University, Department of Biomedical Engineering.

**PUBLICATIONS:**

Crippa A, De Laere B, Discacciati A, Larsson B, Connor T, Gabriel EE, Thellenberg C, Jänes E, Enblad G, Ullen A, Hjälms-Eriksson M, Oldenburg J, Ost P, Lindberg J, Eklund M, Grönberg H. The ProBio Trial: Molecular Biomarkers for Advancing Personalized Treatment Decision in Patients with Metastatic Castration-resistant Prostate Cancer. *Trials*. June 26, 2020, Vol. 21, No 759.

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Butler CC, Connor JT, Lewis RJ, Broglio K, Saville BR, Cook J, van der Velden A, Verheij T. Answering Patients-Centered Questions Efficiently: Response-Adaptive Platform Trials in Primary Care. *British Journal of General Practice*. June 2018, p294-295, Vol. 68, No. 671.

Connor JT, DeMichele A, Wittes J. University of Pennsylvania 9<sup>th</sup> Annual Conference on Statistical Issues in Clinical Trials: Where Are We with Adaptive Clinical Trial Designs? *Clinical Trials*. October 2017, p470-482, Vol. 14, No. 5.

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Connor JT. Bayesian Adaptive Trials in Comparative Effectiveness Research. Chapter in *Methods in Comparative Effectiveness Research*. C Gatsonis and SC Morton, Eds. Chapman & Hall. February 2017.

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#### **CONFERENCE & INVITED PRESENTATIONS, WORKSHOPS, & WEBINARS:**

The Established Status Epilepticus Treatment Trial (ESETT): An Adaptive Trial in Comparative Effectiveness Research. Strategic Research Area in Epidemiology Workshop. Karolinska Institutet. November 2019. Solna, Sweden.

Introduction to Platform Trials in ALS. Northeast Amyotrophic Lateral Sclerosis Consortium. October 2018. Clearwater, FL.

Dynamic Power Priors: Acceptance by Regulators, Sponsors, & Clinicians and Their Role in Reproducibility Problem. The Society for Clinical Trials Annual Meeting. May 2018. Portland, OR.

Platform Trials: A Vision of the Future. Short Course. The Society for Clinical Trials Annual Meeting. May 2018. Portland, OR.

A Global Oncology Platform Trial for Personalized Medicine: GBM AGILE. Joint Statistical Meetings. August 2017. Baltimore, MD.

Do Bayesian Adaptive Trials Offer Advantages for Comparative Effectiveness Research? Virtually Re-executing the ALLHAT Trial. ISPOR Student Network Educational Webinar. April 2017. Webinar.

Dose Finding. NINDS Clinical Trials Methodology Course. August 2016. Ann Arbor, MI.

Platform Trials & Pooled Placebo Control. Epilepsy Foundation Research Roundtable: Reducing Placebo Exposure in Epilepsy Trials. May 2016. Washington, DC.

An Introduction to Adaptive Clinical Trials. Epilepsy Foundation Research Roundtable: Reducing Placebo Exposure in Epilepsy Trials. May 2016. Washington, DC.

Platform Trials: A Vision of the Future. Short Course. The Society for Clinical Trials Annual Meeting. May 2016. Montreal, Quebec.

Subgroup Analyses for Treatment Effects. AdvaMed. May 2016. Washington, DC.

Discussant on Adaptive Trials. University of Pennsylvania Annual Conference on Statistical Issues in Clinical Trials. April 2016. Philadelphia, PA

The Role of Simulation in Rare Disease Trials. Joint Statistical Meetings. August 2015. Seattle, WA.

Adaptive Clinical Trials in Comparative Effectiveness Research. August 2015. Society for Clinical Trials Webinar.

Simulation in Randomized Clinical Trials. PCORI. June 2015. Washington, DC.

Incorporating the PCT into the Learning Healthcare System: The Platform Response-Adaptive Trial. Drug Information Association. June 2015. Washington, DC.

Adaptive Clinical Trial Designs Beyond Theory into Reality: An Interactive Workshop. Society for Clinical Trials Annual Meeting. May 2015. Arlington, VA.

Bayesian Adaptive Designs with a CER example in Refractory Status Epilepticus (the ESETT Trial). University of South Florida Seminar. April 2015. Tampa, FL.

Conducting Clinical Trials. Institute of Medicine. March 2015. Washington, DC.

SHINE Shadow: A Bayesian Adaptive Trial vs. a Group Sequential Trial in Stroke. ENAR. March 2014. Baltimore, MD.

Clinical Trials in Rare Diseases: Starting from Scratch Even with Limited Resources. PCORI Rare Diseases Advisory Panel. January 2014. Washington, DC.

Innovative Trial Designs: A Triple Win for Patients, Health Care Providers, and Manufacturers. University of Maryland Center for Excellence in Regulatory Science and Innovation. September 2013. Baltimore, MD.

Standards for the Design, Conduct, and Evaluation of Adaptive Randomized Clinical Trials. Patient Centered Outcomes Research Institute (PCORI) at Academy Health Annual Research Meeting. June 2013. Baltimore, MD.

Advantages of Bayesian Adaptive Trials for Comparative Effectiveness Research: Readapting ALLHAT. Academy Health Annual Research Meeting. June 2013. Baltimore, MD.

The Application of Bayesian Adaptive Designs for CER Trials. Academy Health Annual Research Meeting. June 2013. Baltimore, MD.

A Case Study of a Bayesian Adaptive Cardiovascular Device Trial Leading to Approval. International Chinese Statistical Association Meeting. June 2013. Bethesda, MD.

Asking the Questions That Clinicians Want Answered Within an Adaptive Comparative Effectiveness Trial. Society of American Emergency Medicine Meeting. May 2013. Atlanta, GA.

Testing Bayesian Adaptive Clinical Trial Strategies in CER: Re-execution of ALLHAT. International Biometrics Society Eastern North American Region 2013 Spring Meeting. March 2013. Orlando, FL.

A Case Study in Bayesian Adaptive Clinical Trials: A Seamless Phase 2/3 Oncology Trial. American Society for Clinical Pharmacology and Therapeutics. March 2013. Indianapolis, IN.

A Bayesian Adaptive Trial for CER: Case Study in Status Epilepticus . FDA/Industry Statistics Workshop. September 2012. Washington, DC.

A Bayesian Adaptive Trial for CER: Case Study in Status Epilepticus . 2012 DeCIDE Symposium: From Efficacy to Effectiveness. June 2012. Rockville, MD.

Bayesian Adaptive Designs for Clinical Trials. Adaptive Clinical Trials Short Course. The Society for Clinical Trials Annual Meeting. May 2012. Miami, FL.

ESETT: A Bayesian Adaptive Comparative Effectiveness Trial in Refractory Status Epilepticus. Translation Science 2012. April 2012. Washington, DC.

The ADAPT-IT Grant: Analyzing the Process of Bayesian Adaptive Clinical Trial Design. Adaptive Designs Key Opinion Leader Lecture. March 2012. Online.

ESETT: A Bayesian Adaptive Comparative Effectiveness Trial in Refractory Status Epilepticus. International Stroke Conference. February 2012. New Orleans, LA.

Bayesian Adaptive Designs with a CER example in Refractory Status Epilepticus (the ESETT Trial). New Design and Analytical Methods in Outcomes and Comparative Effectiveness Research Symposia. February 2012. Birmingham, AL.

A Case Study in Adapting Bayesian and Adaptive Trial Techniques for Comparative Effectiveness Research. Center for Medical Technology Policy, Comparative Effectiveness Institute. July 2012. Sante Fe, NM.

Goals of Phase 2 Designs. ADAPT Congress. September 2012. Philadelphia, PA.

Frequentist, Bayesian, and Likelihood Designs for a Phase II Cancer Trial with a Time-to-Event Endpoint: Head-to-head Comparison of Three Philosophies of Trial Design. Bayesian Proposal. The Society for Clinical Trials Annual Meeting. May 2011. Vancouver, BC.

Response Adaptive Randomization. The Society for Clinical Trials Annual Meeting. May 2011. Vancouver, BC.

Bayesian Adaptive Designs for Clinical Trials. Adaptive Clinical Trials Short Course. The Society for Clinical Trials Annual Meeting. May 2011. Vancouver, BC.

Rethinking Methodology of Breast Cancer Trials: How to Good the Evidence Faster. National Breast Cancer Coalition Annual Advocacy Training Meeting. May 2011. Washington, DC.

Using Bayesian Adaptive Designs for FDA Event Safety Studies. Joint Statistical Meetings. August 2010. Vancouver, BC.

Bayesian Adaptive Trials in Practice. Vanderbilt University. July 2010. Nashville, TN.

Case Study: Using FACTS for a Phase 2 Non-inferiority Dose-Finding Trial. FACTS Users' Group Meeting. July 2010. Boston, MA.

Bayesian Adaptive Trials in Practice. Internal Chinese Statistical Association Applied Statistics Symposium. June 2010. Indianapolis, IN.

Implementation Issues of Adaptive Design Clinical Trials. Internal Chinese Statistical Association Applied Statistics Symposium. June 2010. Indianapolis, IN.

Bayesian Adaptive Designs for Clinical Trials. Adaptive Clinical Trials Short Course. The Society for Clinical Trials Annual Meeting. May 2010. Baltimore, MD.

Bayesian Adaptive Designs for Phase 3 Cardiovascular Safety. International Biometrics Society Eastern North American Region 2010 Spring Meeting, New Orleans, LA.

Bayesian Adaptive Designs in the Dynamic CER Environment to Improve Efficiency and Responsiveness. Part of NIH Seminar Rethinking Randomized Clinical Trials for Comparative Effectiveness Research, Applications in Obesity and Diabetes, February 2010. Bethesda, MD.

Bayesian Adaptive Techniques in Comparative Effectiveness Research. Academy Health Annual Research Meeting Seminars in Health Services Research Methods. June 2009. Chicago, IL.

Designing a Bayesian Adaptive Trial: A Report from the Field. Johns Hopkins University. May 2009. Baltimore, MD.

Bayesian Adaptive Techniques in Comparative Effectiveness Research. New Approaches to Clinical Trials: Implications for Comparative Effectiveness Invitational Forum. May 2009. Washington, DC.

Adaptive Randomization by Design. BIO. May 2009. Atlanta, GA.

An Adaptive Bayesian Device Trial Tutorial. Adaptive Clinical Trials Short Course. The Society for Clinical Trials Annual Meeting. May 2009. Atlanta, GA.

A Phase III Cardiovascular Safety Study Using a Bayesian Adaptive Design. Bayesian Biostatistics Conference. January 2009. Houston, TX.

Adaptive Bayesian Trials (An Adaptive Talk). Issues in Comparative Effective Research: Seeking Efficiency Exploring Bayesian Adaptive Trial Methods. Society for Medical Decision Making Conference. October 2008. Philadelphia, PA.

An Adaptive Bayesian Phase II Cancer Trial. American College of Clinical Pharmacology Conference. September 2008. Philadelphia, PA.

Normal Dynamic Linear Model for Dose Finding in a Phase II Bayesian Adaptive Trial. Joint Statistical Meetings. August 2008. Denver, CO.

Using Predictive Power to Determine Sample Size in an Adaptive Bayesian Trial. Poster. Case Studies in Bayesian Statistics Workshop 9. October 2007. Pittsburgh PA.

Ethics and Execution of Adaptive Bayesian Clinical Trials: A Uterine Cancer Case Study. Pittsburgh Cancer Institute. October 2007. Pittsburgh, PA

Multivariate Developmental Trajectory Models to Identify Longitudinal Patterns of Disability in Seniors. Joint Statistical Meetings. July 2007. Salt Lake City, UT.

Multivariate Developmental Trajectory Models to Describe Longitudinal Patterns of Frailty in American Seniors. International Biometrics Conference. July 2006, Montreal, Quebec.

Longitudinal, Multivariate Trajectory Models for Estimating American Disability. International Biometrics Society Eastern North American Region 2006 Spring Meeting, Tampa, FL.

Avoiding Pitfalls in Interpreting the Medical Literature. Grand Rounds, St. Vincent Health System. March 2006, Erie, PA.

Estimating Health Outcomes Trajectories via Finite Mixture Models. International Biometrics Society Eastern North American Region 2005 Spring Meeting, Austin, TX.

A First Course in the R Programming Language. Cleveland Chapter of the American Statistical Association. June 2004. Cleveland, OH.

Choosing the Optimal POCT Device Via a Longitudinal Study. International Biometrics Society Eastern North American Region 2004 Spring Meeting, Pittsburgh, PA.