

**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:** Berry Consultants, Statistical Scientist, 2006-present  
Director & Senior Statistical Scientist, 2013-present  
Statistical Scientist, 2006-2013  
University of Central Florida College of Medicine,  
Assistant Professor of Medical Education, 2008 - present  
Johns Hopkins University, Visiting Assistant Professor, Summers 2010-present  
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

**EDITORSHIPS:** *Comparative Effectiveness Research*, Editorial Board, 2011-present  
*American Journal of Gastroenterology*, Associate Editor, 2004-2009

**TEACHING:** Johns Hopkins University  
• Bayesian Adaptive Trials (Graduate 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)

<b>PROFESSIONAL SERVICE / ELECTED POSITIONS</b>	<p>Patient Centered Outcomes Research Institute (PCORI) Clinical Trials Advisory Panel, 2014-present.</p> <p>Clinical Trials Transformation Initiative, 2013-present</p> <p>Quality by Design Working Group</p> <p>Data Monitoring Committees Working Group</p> <p>FDA Neurology Devices Advisory Panel</p> <p>of the Medical Devices Advisory Committee, 2013-present</p> <p>Appointed Member, American College of Gastroenterology FDA Committee, 2008-11</p> <p>FDA Gastroenterology and Urology Devices Advisory Panel</p> <p>of the Medical Devices Advisory Committee, 2007-2011</p> <p>Appointed Member, American College of Gastroenterology Research Committee, 2006-2010</p> <p>Appointed Member, ENAR Regional Advisory Board, 2005-2007</p> <p>Vice President, Cleveland Chapter, American Statistical Association, 2003</p> <p>Councilman, Parks and Recreation Commissioner, Town of Barton, MD, 1995-1996</p>
<b>OTHER CONSULTING:</b>	<p>Brigham &amp; Women's Hospital, 2006</p> <p>SAS Institute, 2006</p> <p>Cleveland Clinic Foundation, 2003-2006</p> <p>Leadership Choice Group, Inc., 2001-2002</p> <p>Golf.com, 1999-2000</p> <p>Carnegie Mellon University, 1999</p>
<b>MEMBERSHIPS:</b>	<p>American Statistical Association</p> <p>Society for Clinical Trials</p> <p>Biometrics Society, ENAR</p> <p>American Statistical Association</p>
<b>HONORS, AWARDS, AND FELLOWSHIPS:</b>	<p>Runner-up, Best Contributed Paper Award, American Statistical Association</p> <p>Biopharmaceutical Section: A Case Study of a Bayesian Adaptive Cardiology Device Trial Leading to Approval. Montreal QC, August 2013.</p> <p>Fellow, American College of Gastroenterology, 2004.</p> <p>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.</p> <p>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.</p> <p>National Institutes of Health Trainee Fellowship, August 1997-August 1998.</p> <p>Case Western Reserve University, Department of Biomedical Engineering.</p>

**PUBLICATIONS:**

Fureman BE, Friedman D, Baulac M, Glauser TA, Moreno J, Dixon-Salazar T, Bagiella E, Connor J, Ferry J, Farrell K, Fountain N, French J. Reducing Placebo Exposure in Trials: Considerations from the Research Roundtable in Epilepsy. *Neurology*. Accepted.

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.

Quintana M, Li DH, Albertson T, Connor JT. A Bayesian Adaptive Phase I Design to Determine the Optimal Dose and Schedule of an Adoptive T-cell Therapy in A Mixed Patient Population. *Contemporary Clinical Trials*. May 2016, p153-165, Vol. 48, No.

Luce BR, Connor JT, Broglio KR, Mullins CD, Ishak J, Saunders E, Davis BR and the READAPT Investigators. Using Bayesian Adaptive Trial Designs for Comparative Effectiveness Research: A Virtual Re-execution of the ALLHAT Trial. *Annals of Internal Medicine*. September 20, 2016, p431-438, Vol. 165, No. 6. (with online video)

Meurer WJ, Connor JT, Glassberg J. Simulation of Various Randomization Strategies for a Clinical Trial in Sickle Cell Disease. *Hematology*. March 16, 2016, p241-247, Vol. 21, No. 4.

Viele K and Connor JT. Dose-Finding Trials: Optimizing Phase 2 Data in the Drug Development Process. *JAMA*. December 1, 2015, p2294-2295, Vol. 213, No. 21.

Mattes M, Connor J, Kelly SS, Schwartz MC. Lymphopenia in Patients with Single-ventricle Heart Disease after the Fontan Operation. *Congenital Heart Disease*. November 2015, p270-275, Vol. 11, No. 3.

Berry SM, Connor JT, and Lewis RJ. The Platform Trial: An Efficient Strategy for Evaluating Multiple Treatments. *JAMA*. April 2015, p1619-1620, Vol 313, No 16.

Connor JT, Broglio KB, Durkalski V, Meurer WJ, and Johnston KC. The Stroke Hyperglycemia Insulin Network Effort (SHINE) Trial. An Adaptive Trial Design Case Study. *Trials*. March 2015, Vol 16, No 72.

Connor JT and Imrey PB. Proportions: Inferences and Comparisons. *Methods & Applications of Statistics in Clinical Trials, Vol 2: Planning, Analysis & Inferential Methods*. N. Balakrishnan Ed., Wiley & Sons. June 2014.

Saville BR, Connor JT, Ayers GD, Alvarez J. The Utility of Bayesian Predictive Probabilities for Interim Monitoring of Clinical Trials. *Clinical Trials*. May 2014, p485-493, Vol. 11, No. 4.

Broglio KR, Connor JT, and Berry SM. Not Too Big, Not Too Small: A Goldilocks Approach to Sample Size Selection. *Journal of Biopharmaceutical Statistics*. March 2014, p685-705, Vol. 24, No. 3.

Connor JT. Bayesian Adaptive Trials for Safety Studies. Chapter in *Quantitative Evaluation of Safety in Drug Development: Design, Analysis & Reporting*. Jiang Q and Xia HA, Eds. CRC Press. January 2014.

Pavlovich CP, Cornish TC, Mullins JK, Fradin J, Mettee LZ, Connor JT, Reese AC, Askin FB, Luck R, Epstein JI, and Burke HB. High-resolution Transrectal Ultrasound: Pilot Study of a Novel Technique for Imaging Clinically Localized Prostate Cancer. *Urologic Oncology: Seminars and Investigations*. January 2014, p27-32, Vol. 32, No. 1.

Connor JT, Luce BR, Ishak KJ, Mullins CD, Broglio KB, Vanness DJ, Fleurence R, Saunders E, and Davis BR. Do Bayesian Adaptive Trials Offer Advantages for CER? Protocol for the RE-ADAPT Study. *Clinical Trials*. October 2013, p807-827, Vol. 10, No. 5.

Bleck T, Cock H, Chamberlain J, Cloyd J, Connor J, Elm J, Fountain N, Jones E, Lowenstein D, Shinnar S, Silbergleit T, Treiman D, Trinka E, and Kapur J. The Established Status Epilepticus Trial 2013. *Epilepsia*. September 2013, p89-92, Vol. 54, S6.

Connor JT, Elm JJ, and Broglio KR. Bayesian Adaptive Trials for Comparative Effectiveness Research: An Example in Status Epilepticus. *Journal of Clinical Epidemiology*. August 2013, pS130-S137, Vol. 66, No. 8.

Broglio KR, Connor JT, and Berry SM. Incorporating the Risk Difference into Non-Inferiority Trials of Safety. *Journal of Biopharmaceutical Statistics*. January 2013, p261-271, Vol. 23, No 1.

Meurer WJ, Lewis RJ, Tagle D, Fettes MD, Legocki L, Berry S, Connor J, Durkalski V, Elm J, Zhao W, Fredrickson S, Silbergleit R, Palesch Y, Berry DA, Barsan WG. An Overview of the Adaptive Designs Accelerating Promising Trials Into Treatments (ADAPT-IT) Project. *Annals of Emergency Medicine*. October 2012, p451-457, Vol 60, No. 4.

Lewis RJ, Connor JT, Teerlink JR, Murphy JR, Cooper LT, Hiatt WR, Brass EP. Application of Adaptive Design and Decision Making to a Phase II Trial of a Phosphodiesterase Inhibitor for the Treatment of Intermittent Claudication. *Trials*. May 2011, p134, Vol. 11.

Connor JT, Lewis RJ, Berry DA, Berry SM. FDA Recalls Not as Alarming as They Seem. (Letter) *Archives of Internal Medicine*. June 13, 2011, p1044-1045, Vol. 171, No. 11.

Berry SM, Carlin BP, Connor J. Bias and Trials Stopped Early for Benefit. (Letter) *JAMA*, July 14, 2010, p156, Vol 304, No. 2.

Luce BR, Kramer JM, Goodman SN, Connor J, Tunis S, Whicher D, Schwartz JS. Rethinking Randomized Clinical Trials for Comparative Effectiveness Research: The Need for Transformational Change. *Annals of Internal Medicine*. August 4, 2009. pp206-209, Vol. 151, No. 3.

Connor JT. Statistical Graphics in AJG: Save the Ink for the Information. *American Journal of Gastroenterology*. July 2009. pp1624-1630, Vol. 104, No. 7.

Shermlock KM, Connor JT, Lavalley DC, and Streiff MB. Clinical Decision-Making as the Basis for Assessing Agreement Between Measures of INR. *Journal of Thrombosis and Haemostasis*. January 2009, pp87-93, Vol. 7, No. 1.

Connor JT. Positive Reason for Publishing Negative Findings. (Editorial) *American Journal of Gastroenterology*. September 2008, pp2181-2183, Vol. 103, No. 9.

Lucey ML, Connor JT, Boyer T, Henderson JM, and Rikkers LF. Alcohol Consumption by Cirrhotic Subjects: Patterns of Use and Effects on Liver Function. *American Journal of Gastroenterology*. July 2008, pp1698-1706, Vol. 103, No. 7.

Boyer TD, Henderson JM, Heerey AM, Arrigain S, Konig V, Connor J, Abu-Elmagd K, Galloway J, Rikkers LF and the DIVERT Study Group. Cost of Preventing Variceal Rebleeding with Transjugular Intrahepatic Portal Systemic Shunt and Distal Splenorenal Shunt. *Journal of Hepatology*. March 2008, pp407-414, Vol. 48, No. 3.

Zinsmeister AR and Connor JT. Ten Common Statistical Errors and How to Avoid Them. *American Journal of Gastroenterology*. February 2008, pp262-266, Vol. 103, No. 2.

Zuccaro G, Connor JT, and Schrieber M. Colonoscopy Preparation and Renal Failure. (Editorial) *American Journal of Gastroenterology*. December 2007, pp2664-6, Vol. 102, No. 12.

Hustey F, Mion LC, Palmer RM, Emerman CL, Campbell J, Connor JT. A Brief Risk Stratification Tool to Predict Functional Decline in Older Adults Discharged from Emergency Departments. *Journal of the American Geriatrics Society*. August 2007, pp1269-1274, Vol. 55, No. 8.

Madbouly KM, Senagore AJ, Mukerjee A, Delaney CP, Connor J, Fazio VW. Does Immunostaining Effectively Upstage Colorectal Cancer by Identifying Micrometastatic Nodal Disease? *International Journal of Colorectal Disease*. January 2007, pp39-48, Vol. 22, No. 1.

Shermock KM, Connor JT, Thomas N, Fink J, and Bragg L. Optimizing Clinical Assessment of Fingerstick INR Devices: Validity of Algorithms Used to Predict Whether Two INR Measurements Lead to Identical Warfarin Dosing Decisions. *Medical Decision Making*. June 2006, pp239-246, Vol. 26, No. 3.

Henderson JM, Boyer TD, Kutner MH, Galoway JR, Rikkers LF, Jeffers LJ, Abu-Elmagd K, Connor J. Distal Splenorenal Shunt Versus Transjugular Intrahepatic Portal Systemic Shunt for Variceal Bleeding: A Randomized Trial. *Gastroenterology*. June 2006, pp1643-1651, Vol. 130, No. 6.

Connor JT and Richter JE. Increasing Yield Also Increases False Positives and Best Serves to Exclude GERD. (Editorial) *American Journal of Gastroenterology*. March 2006, pp460-463, Vol. 101, No. 3.

Nessar G, Fazio VW, Tekkis P, Connor J, Wu J, Bast J, Borkowski A, Delaney CP, Remzi FH. Long-Term Outcome and Quality of Life After Continent Ileostomy. *Diseases of the Colon and Rectum*. March 2006, pp336-344, Vol. 49, No. 3.

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Connor JT and Berry SM. Bayesian Analysis for Medical Device Trials. (Editorial) *American Journal of Gastroenterology*. August 2005, pp1732-1735, Vol. 100, No. 8.

Vakil M and Connor JT. *Helicobacter pylori* Eradication: Equivalence Trials and the Optimal Duration of Therapy. (Editorial) *American Journal of Gastroenterology*. August 2005, pp1702-1703, Vol. 100, No. 8.

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Takagaki M, McCarthy PM, Inoue M, Chung M, Connor JT, Dessoffy R, Ochiai Y, Howard M, Doi K, Kopcak M, Mazgalev TN, and Fukamachi K. Myocardial Compliance Was Not Altered After Acute Induction of Atrial Fibrillation in Sheep. *Medical Science Monitor*. June 2005, pp147-153, Vol. 11, No. 6.

Shen B, Porter EM, Reynoso E, Shen C, Ghosh D, Connor JT, Drazba J, Rho HK, Gramlich TL, Li R, Ormsby AH, Sy MS, Ganz T, Bevins CL. Human Defensin 5 Expression in Intestinal Metaplasia of the Upper Gastrointestinal Tract. *Journal of Clinical Pathology*. June 2005, pp687-698, Vol. 58, No. 7.

Jeng BH, Shadrach KG, Meisler DM, Hollyfield JG, Connor JT, Koeck T, Aulak KS, Steuhr DJ. Immunohistochemical Detection and Western Blot Analysis of Nitrated Protein in Stored Human Conreal Epithelium. *Experimental Eye Research*. April 2005, pp509-514, Vol. 80, No. 4.

Oncel M, Remzi FH, Connor J, Fazio VW. Comparison of Cecal Abrasion and Multiple-abrasion Models in Generating Intra-abdominal Adhesions for Animal Studies. *Techniques in Coloproctology*. April 2005, pp29-33, Vol. 9, No. 1.

Zutshi M, Delaney CP, Senagore AJ, Mekhail N, Lewis B, Connor JT, Fazio VW. Randomized Controlled Trial Comparing the Controlled Rehabilitation with Early Ambulation and Diet Pathway Versus the Controlled Rehabilitation with Early Ambulation and Diet with Preemptive Epidural Anesthesia/Analgesia After Laparotomy and Intestinal Resection. *American Journal of Surgery*. March 2005, pp268-272, Vol.189, No. 3.

Connor JT and Imrey PB. Proportions: Inferences and Comparisons. *Encyclopedia of Biostatistics*. Armitage P and Colton T, eds. Wiley, 2004.

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Guardino. JM, Vela MF, Connor JT, and Richter JE. Pneumatic Dilation for the Treatment of Achalasia in Patients With and Without Prior Heller Myotomy. *Journal of Clinical Gastroenterology*. December 2004, pp855-860, Vol. 38, No. 10.

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Connor JT. The Value of a P-valueless Paper. *American Journal of Gastroenterology*. September 2004, pp1638-1640, Vol. 99, No. 9.

Oncel M, Remzi FH, Church JM, Connor JT, and Fazio VW. Benefits of "Clean Sweep" in Peutz-Jeghers Patients. *Colorectal Disease*. September 2004, pp332-335, Vol. 6, No. 5.

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Suman A, Barnes DS, Zein N, Levinthal GN, Connor JT, Carey WD. Predicting Outcomes After Cardiac Surgery in Patients with Cirrhosis: A Comparison of Child Pugh and MELD Scores. *Clinical Gastroenterology & Hepatology*. August 2004, pp719-723, Vol. 2, No. 8.

Wolf JM, Achkar J-P, Lashner BA, Delaney CP, Petras RE, Goldblum, JR, Connor JT, Remzi FH, and Fazio VW. Afferent Limb Ulcers Predict Crohn's Disease in Patients with Ileal Pouch-Anal Anastomosis. *Gastroenterology*. June 2004, pp1686-1691, Vol. 126, No. 7.

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Woods JC, Mion LC, Connor JT, Viray F, Jahan L, Huber C, McHugh R, Gonzales J, Stoller JK, and Arroliga JC. Severe Agitation Among Ventilated Medical Intensive Care Unit Patients: Frequency, Characteristics, and Outcomes. *Intensive Care Medicine*. June 2004, pp1066-1072, Vol. 30, No. 6.

Parsi MA, Shen B, Achkar J-P, Remzi F, Goldblum, JR, Lin D, Connor JT, Boone J, Fazio VW, and Lashner BA. Fecal Lactoferrin as an Aid in Diagnosis of Symptomatic Patients with Ileal Pouch Anal Anastomosis. *Gastroenterology*. May 2004, pp 1280-1286, Vol. 126, No. 5.

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Fahmy M, Skacel M, Gramlich TL, Brainard JA, Rice TW, Goldblum JR, Connor JT, Casey G, Legator M, and Falk GW. Chromosomal Gains and Genomic Loss of p53 and p16 Genes in Barrett's Esophagus and its Associated Malignancy. *Modern Pathology*. May 2004, pp 588-596, Vol. 17, No. 5.

Meisler DM, Koeck T, Connor JT, Aulak KS, Jeng BH, Hollyfield JG, Stuehr DJ, and Shadrach KG. Inhibition of Nitric Oxide Synthesis in Corneas in Corneal Storage Media. *Experimental Eye Research*. April 2004, pp 891-894, Vol. 78, No. 4.

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Pollak JT, Neimark M, Connor JT, and Davila GW. Air-charged and Microtransducer Urodynamic Catheters in the Evaluation of Urethral Function. *International Urogynecologic Journal of Pelvic Floor Dysfunction*. March 2004, pp124-128, Vol. 15, No. 2.

Oncel M, Remzi FH, Senagore AJ, Connor JT, and Fazio VW. Application of Adcon-P or Seprafilm in Consecutive Laparotomies Using a Murine Model. *American Journal of Surgery*. February 2004, pp 304-308, Vol. 187 No. 3.

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Takagaki M, McCarthy PM, Tabata T, Dessoffy R, Cardon L, Connor J, Ochiai Y, Thomas JD, Francis GS, and Fukamachi K. Induction and Maintenance of an Experimental Model of Severe Cardiomyopathy with a Novel Protocol of Rapid Ventricular Pacing. *Journal of Thoracic and Cardiovascular Surgery*. March 2002, pp 544-549, Vol. 123, No. 3.

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Meuse CW, Kreuger S, Majkrzak CF, Dura JA, Fu J, Connor JT, and Plante AL. Hybrid Bilayer Membranes in Air and Water: Infrared Spectroscopy and Neutron Reflectivity Studies. *Biophysical Journal*, March 1998, pp 1388-1398, Vol. 74, No. 3.

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

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.