JAMES D. STAMEY, M.B.A., PH.D.

Department of Statistical Science

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James_Stamey@baylor.edu

Work Experience

2018 – Current	Baylor University – Professor, Chair, Statistical Science
2014 – 2018	Baylor University – Professor, Statistical Science
2008 – 2014	Baylor University –Associate Professor, Statistical Science
2005 – 2008	Baylor University –Assistant Professor, Statistical Science
2001 – 2005	Stephen F. Austin State University – Assistant Professor, Statistics
2000 – 2001	Northwestern State University – Assistant Professor, Mathematics

Education

2000	Baylor University – Ph.D. in Statistics
	Dissertation: "Bayesian Analysis of Poisson Data with Misclassification"
1997	Baylor University – Master of Business Administration
1995	Northwestern State University – B.S. in Mathematics

Refereed Publications

Chen, J., Song, J. J., & Stamey, J. D. (2022). A Bayesian Hierarchical Spatial Model to Correct for Misreporting in Count Data: Application to State-Level COVID-19 Data in the United States. *International Journal of Environmental Research and Public Health*, 19(6), 3327.

Ylitalo, K. R., Karvonen-Gutierrez, C. A., Oh, M., Sternfeld, B., Stamey, J., & Gabriel, K. P. (2022). Quantifying physical activity across the midlife: Does consideration of perceived exertion matter?. Preventive Medicine Reports, 28, 101850.

Seaman, J., Kahle, D., and Stamey, J. (2022) Basic Bayesian model checking, Case Studies in Bayesian Methods for Biopharmaceutical CMC, Edited by Paul Faya and Tony Pourmohamad, Chapman & Hall: Boca Raton.

Kahle, D., Seaman, J., and Stamey, J. (2022) An overview of Bayesian computation, Case Studies in Bayesian Methods for Biopharmaceutical CMC, Edited by Paul Faya and Tony Pourmohamad, Chapman & Hall: Boca Raton.

Stamey, J. D., & Seaman, J. W. (2021). Bayesian adjustment for misclassification. In *Handbook of Measurement Error Models* (pp. 507-526). Chapman and Hall/CRC.

Faya, P., Sondag, P., Novick, S., Banton, D., Seaman, Jr, J. W., Stamey, J. D., & Boulanger, B. (2021). The current state of Bayesian methods in nonclinical pharmaceutical statistics: Survey results and recommendations from the DIA/ASA-BIOP Nonclinical Bayesian Working Group. *Pharmaceutical Statistics*, 20(2), 245-255.

Zhang, X., Stamey, J. D., & Mathur, M. B. (2020). Assessing the impact of unmeasured confounders for credible and reliable real-world evidence. *Pharmacoepidemiology and Drug Safet*y, 29, 1219-1227.

Zhou, Q., Chin, Y. M., Stamey, J. D., & Song, J. J. (2020). Bayesian sensitivity analysis to unmeasured confounding for misclassified data. *Advances in Statistical Analysis*, 104(4), 577-596.

Faya, P., Seaman, J. W., & Stamey, J. D. (2019). Power Priors for Sample Size Determination in the Process Validation Life Cycle. In Bayesian Applications in Pharmaceutical Development (pp. 287-306). Chapman and Hall/CRC.

Eschmann, M., Stamey, J. D., Young, P. D., & Young, D. M. (2019). Bayesian Approach to Ranking and Selection for a Binary Measurement System. *Open Journal of Statistics*, 9(04), 436.

Faya, P., Seaman Jr, J. W., & Stamey, J. D. (2018). Using accelerated drug stability results to inform long-term studies in shelf life determination. *Statistics in medicine*, 37, 2599-2615.

Zhang, X., Faries, D. E., Li, H., Stamey, J. D., & Imbens, G. W. (2018). Addressing unmeasured confounding in comparative observational research. *Pharmacoepidemiology and drug safety*, 27(4), 373-382.

Falley, B. N., Stamey, J. D., & Beaujean, A. A. (2018). Bayesian estimation of logistic regression with misclassified covariates and response. *Journal of Applied Statistics*, 45(10), 1756-1769.

Zhou, Q., Chin, Y. M., Stamey, J. D., & Song, J. J. (2018). Bayesian misclassification and propensity score methods for clustered observational studies. *Journal of Applied Statistics*, 45(9), 1547-1560.

Nelson, T., Song, J. J., Chin, Y. M., & Stamey, J. D. (2018). Bayesian Correction for Misclassification in Multilevel Count Data Models. *Computational and Mathematical Methods in Medicine*, 2018.

Stock, E. M., Stamey, J. D., Zeber, J. E., Thompson, A. W., & Copeland, L. A. (2018). A Bayesian Approach to Modeling Risk of Hospital Admissions Associated With Schizophrenia Accounting for Underdiagnosis of the Disorder in Administrative Records. *Computational Psychiatry*, 2, 1-10.

Beavers, D. P., & Stamey, J. D. (2018). Bayesian sample size determination for cost-effectiveness studies with censored data. *PloS one*, 13(1), e0190422.

Eschmann, M., Stamey, J. D., & Young, P. D. (2017). Bayesian Assessment of a Binary Measurement System with Baseline Data. *American Journal of Mathematical and Management Sciences*, 36(4), 316-327.

Chin, Y. M., Song, J. J., & Stamey, J. D. (2017). A Bayesian approach to misclassified binary response: female employment and intimate partner violence in urban India. *Applied Economics Letters*, 24(20), 1439-1442.

Stamey, J. D., Beavers, D. P., & Sherr, M. E. (2017). Bayesian Analysis and Design for Joint Modeling of Two Binary Responses With Misclassification. *Sociological Methods & Research*, 46(4), 772-792.

Faya, P., Seaman Jr, J. W., & Stamey, J. D. (2017). Bayesian assurance and sample size determination in the process validation life-cycle. *Journal of Biopharmaceutical Statistics*, 27(1), 159-174.

Faya, P., Stamey, J. D., & Seaman, J. W. (2017). A Bayesian Approach to Determination of F, D, and z values used in Steam Sterilization Validation. *PDA Journal of Pharmaceutical Science and Technology*, 71, 88-98.

Zhang, X., Faries, D. E., Boytsov, N., Stamey, J. D., & Seaman, J. W. (2016). A Bayesian sensitivity analysis to evaluate the impact of unmeasured confounding with external data: a real world comparative effectiveness study in osteoporosis. *Pharmacoepidemiology and Drug Safety*, 25(9), 982-992.

Hand, A. L., Scott, J. A., Young, P. D., Stamey, J. D., & Young, D. M. (2016). Bayesian adaptive two-stage design for determining person-time in Phase II clinical trials with Poisson data. *Journal of Applied Statistics*, 43(9), 1625-1635.

Wu, W., Stamey, J., & Kahle, D. (2015). A Bayesian approach to account for misclassification and overdispersion in count data. *International journal of environmental research and public health*, 12(9), 10648-10661.

Stock, E. M., Stamey, J. D., & Young, D. M. (2015). Bayesian interval estimation for the difference in TPRs and FPRs of two diagnostic tests with unverified negatives. *Communications in Statistics-Simulation and Computation*, 44(2), 505-524.

Stamey, J. D., Beavers, D. P., Faries, D., Price, K. L., & Seaman, J. W. (2014). Bayesian modeling of cost-effectiveness studies with unmeasured confounding: a simulation study. *Pharmaceutical statistics*, 13(1), 94-100.

Price, K., Xia, H., Lakshminarayanan, M., Madigan, D., Manner, D., Scott, J., Stamey, J., Thompson, L. (2014). Bayesian methods for design and analysis of safety trials. *Pharmaceutical Statistics*, 13(1), 13-24.

Stamey, J.D., Natanegara F., Seaman, J.W. (2013). Bayesian sample size determination for a clinical trial with correlated continuous and binary outcomes. *Journal of Biopharmaceutical Statistics*, 23, 790-803.

Faries, D., Peng, X., Pawaskar, M., Price, K., Stamey, J. D., & Seaman Jr, J. W. (2013). Evaluating the Impact of Unmeasured Confounding with Internal Validation Data: An Example Cost Evaluation in Type 2 Diabetes. *Value in Health*, 16 (2), 259-266.

Luta, G., Ford, M. B., Bondy, M., Shields, P. G., & Stamey, J. D. (2013). Bayesian sensitivity analysis methods to evaluate bias due to misclassification and missing data using informative priors and external validation data. *Cancer Epidemiology*, 37(2), 121-126.

Sherr, M. E., Pooler, D., Stamey, J., Jones, J., & Dyer, P. (2013). A Randomized Effectiveness Trial of a Sex Education Program for Minority Youth in Miami, Florida. *Journal of Evidence-Based Social Work*, 10(2), 53-62.

Bennett, M. M., Crowe, B. J., Price, K. L., Stamey, J. D., & Seaman Jr, J. W. (2013). Comparison of Bayesian and Frequentist Meta-Analytical Approaches for Analyzing Time to Event Data. *Journal of Biopharmaceutical Statistics*, 23(1), 129-145.

Beavers, D. P., & Stamey, J. D. (2012). Bayesian sample size determination for binary regression with a misclassified covariate and no gold standard. *Computational Statistics & Data Analysis*, 56(8), 2574-2582.

Sherr, M. E., Pooler, D., Stamey, J., Dyer, P., Smith, E., & Summers, A. (2012). The Influence of Religious Participation on Sexual Activity in a Randomized Effectiveness Trial for Minority Youth. *Journal of Social Service Research*, 38(2), 156-164.

Seaman III, J. W., Seaman Jr, J. W., & Stamey, J. D. (2012). Hidden Dangers of Specifying Non-informative Priors. *The American Statistician*, 66(2), 77-84.

Sherr, M. E., Crow, J., Stamey, J., Jones, J., & Dyer, P. (2012). The Influence of Family Structure on Sexual Activity in a Randomized Effectiveness Trial for Minority Youth. *Journal of Family Social Work*, 15(4), 288-302.

Stock, E. M., Stamey, J. D., Sankaranarayanan, R., Young, D. M., Muwonge, R., & Arbyn, M. (2012). Estimation of disease prevalence, true positive rate, and false positive rate of two screening tests when disease verification is applied on only screen-positives: A hierarchical model using multi-center data. *Cancer Epidemiology*, 36(2), 153-160.

Beavers, D., Beavers, K., Miller, M., Stamey, J., Messina M. (2012) Exposure to isoflavone-containing soy products and endothelial function: A Bayesian meta-analysis of randomized controlled trials, *Nutrition, Metabolism, and Cardiovascular Diseases*, 22, 182-191.

Hand, A., Stamey, J.D., Young, D.M. (2011) Bayesian sample size determination for two independent Poisson rates, *Computer Methods and Programs in Biomedicine*, 104, 271-277.

Greer, B. A., Stamey, J. D., & Young, D. M. (2011). Bayesian interval estimation for the difference of two independent Poisson rates using data subject to under-reporting. Statistica Neerlandica, 65(3), 259-274.

Riggs, K., Young, D., & Stamey, J. (2011). Interval estimation for misclassification rate parameters in a complementary Poisson model. Journal of Statistical Computation and Simulation, 81(9), 1145-1156.

Stamey, J.D., Sherr, M., Williams, N. (2011) Bayesian analysis for evidence-based practice in social work, *Social Work Research*, 35, 46-52.

Beavers, D.P., Stamey, J.D., Bekele B.N. (2011) A Bayesian model to assess a binary measurement system when no gold standard system is available, *Journal of Quality Technology*, 43, 16-27.

Greer B, Young DM, Stamey JD (2010) Bayesian inference for comparing two Poisson rates using data subject to underreporting using validation data, *Statistical Methodology,* 7, 98-108.

Cheng D, Branscum AJ, Stamey JD (2010) Accounting for response misclassification and covariate measurement error improves power and reduces bias in epidemiologic studies, *Annals of Epidemiology*, 20, 562-567.

Cheng D, Branscum AJ, Stamey JD (2010) A Bayesian approach to sample size determination for studies designed to evaluate continuous medical tests, *Computational Statistics and Data Analysis*, 54, 298-307.

Powers S, Gerlach R, Stamey JD (2010) Bayesian variable selection for Poisson regression with underreported responses, *Computational Statistics and Data Analysis*, 54, 3289-3299.

Stamey JD, Holt MM (2010) Bayesian interval estimation for predictive values from case-control studies, *Communications in Statistics*, 39, 101-110.

Wang J, Stamey JD, (2010) A Bayesian algorithm for sample size determination for equivalence and non-inferiority tests, *Journal of Applied Statistics*, 37, 1749-1759.

Turner, D., Stamey, JD, Young (2009) DM Classic group testing with cost for grouping and testing, *Computers and Mathematics with Applications*, 58, 1930-1935.

Hamilton, C., Stamey, JD (2009) Using a prediction approach to assess agreement between two continuous measurements, *Journal of Clinical Monitoring and Computing*, 25, 311-314.

Stamey, J, Beavers, D. Poisson and negative binomial regression; in Kattan MW, ed. Encyclopedia of Medical Decision Making. Thousand Oaks, CA: Sage Publications, 2009

Greer, B., Stamey, J.D, Young, D.M., Ryden, D.J. (2009) An Alternative Derivation of the Multi-Parameter Cramer-Rao Inequality; *The Mathematical Scientist*, 34, 20-24.

Stamey, J.D., Bekele, B.N., Powers, S. (2009) Bayesian modeling of historical follow-up studies with missing data; *Annals of Epidemiology*, 19, 416-422.

Cheng, D., Stamey, J.D., Branscum, A.J. (2009) Bayesian approach to average power calculations for binary regression models with misclassified outcomes, *Statistics in Medicine*, 28, 848-863.

Sherr, M. E., Stamey, J., & Garland, D. R. (2009) Empowering faith practices: A validation study of the Christian Faith Practices Scale; *Family and Community Ministries*, 23, 27-35.

Holt, M., Stamey, J.D., Seaman, J.W., Young, D.M. (2009) Bayesian test and sample size determination methods for binary outcomes in fixed-dose combination drug studies, *Journal of Biopharmaceutical Statistics*, 19, 120-132.

Riggs, K., Young, D.M., Stamey, J.D. (2009) Likelihood-based confidence intervals for complementary Poisson rate parameters with misclassified data; *Communications in Statistics: Theory and Methods*, 38, 159-172.

Riggs, K., Young, D. M., & Stamey, J. D. (2008). Statistical inference for a bivariate Poisson regression model. Advances and Applications in Statistics, 10(1), 55-73.

Stamey, J. D., Young, D. M., & Seamen Jr, J. W. (2008). Bayesian estimation of a standardized mortality ratio with missing death certificates. South African Statistical Journal, 42(1), 47-64.

Stamey, J., Seaman, J., and Young, D. (2008); A Bayesian approach to adjust for diagnostic misclassification between two mortality causes in Poisson regression; *Statistics in Medicine*, 27, 2440-2452.

Stamey J, Bratcher, T., Seaman, J. (2008) A note on inference on multiple generalized Poisson populations, *American Journal of Mathematical and Management Sciences*, 28, 213-229.

Hamilton, C., Bratcher, T.L., and Stamey, J. (2008) Bayesian subset selection approach to ranking normal means; *Journal of Applied Statistics*, 35, 847-851.

McGlothlin, A., Stamey, J., and Seaman, J. (2008); Binary regression with misclassified response and covariate subject to measurement error: a Bayesian approach; *Biometrical Journal*, 50, 123-134.

Stamey, J., Boese, D., and Young, D. (2008) Confidence intervals for parameters of two diagnostic tests in the absence of a gold standard; *Computational Statistics and Data Analysis*, 52, 1335-1346.

Hamilton, C. and Stamey, J. (2007) Using Bland-Altman to assess agreement between two medical devices; *Journal of Clinical Monitoring and Computing*, 21, 331-333.

Cheng, D., Stamey, J., and Branscum, A. (2007) A general approach to sample size determination for prevalence surveys that use dual test protocols; *Biometrical Journal*, 49, 694-706.

Gerlach, R. and Stamey, J. (2007) Bayesian model selection for logistic regression with misclassified outcomes; *Statistical Modeling*, 7, 279-297.

Stamey, J. and Katsis, A. (2007) Sample size determination for comparing two Poisson rates with underreported counts; *Communications in Statistics: Simulation and Computation*, 36, 483-492.

Stamey, J. and Gerlach, R. (2007) Bayesian sample size determination for case-control studies with misclassification; *Computational Statistics and Data Analysis*, 51, 2982-2992.

Stamey, J., Seaman, J., and Young, D. (2007) Bayesian estimation of intervention effect with pre and post misclassified binomial data; *Journal of Biopharmaceutical Statistics*, 11, 93-108.

Stamey, J. and Hamilton, C. (2006) A note on confidence intervals for a linear function of Poisson rates; *Communications in Statistics: Simulation and Computation*, 35(4), 849-856.

Knowles, C.D., Stamey, J.D., and Dougal, E.F. (2006) The effect of specific gravity and growth rate on bending strength of finger-jointed southern pine; *Wood and Fiber Science*, 38(3), 379-389.

Stamey, J., Young, D., and Boese, D. (2006) A Bayesian hierarchical model for Poisson rate and reporting probability inference using double sampling; *Australian and New Zealand Journal of Statistics*, 48, 201-212.

Stamey, J., Seaman, J., and Young, D. (2006) Bayesian inference for a correlated 2x2 table with a structural zero; *Biometrical Journal*, 48, 233-244.

Stamey, J., Young, D., and Bratcher, T. (2006) Bayesian sample size determination for one and two Poisson rate parameters with applications to quality control; *Journal of Applied Statistics*, 33, 583-594.

Boese, D., Young, D., and Stamey, J. (2006) Confidence intervals for a binary parameter with data subject to misclassification; *Computational Statistics and Data Analysis*, 50, 3369-3385.

Stamey, J., Young, D., and Stephens, D. (2005) Maximum likelihood estimation of two inversely related Poisson rate parameters with misclassified data; *American Journal of Mathematical and Management Sciences*, 25, 65-82.

Stamey, J., Seaman, J., and Young, D. (2005) Bayesian sample size determination for inference on two binomial populations with no gold standard; *Statistics in Medicine*, 24, 2963-2976.

Knowles, C., Dougal, E., and Stamey, J. (2005) Moisture content of finger-jointed southern pine following a durability cycle; *Forest Products Journal*, 55, 40-43.

Stamey, J. and Young, D. (2005) Maximum likelihood estimation for a Poisson rate parameter with misclassified counts; *Australian and New Zealand Journal of Statistics*, 47, 163-172.

Stamey, J., Seaman, J., and Young, D. (2005) Bayesian analysis of complementary Poisson rate parameters with data subject to misclassification; *Journal of Statistical Planning and Inference*, 134, 36-48.

Stamey, J., Bratcher, T., and Young, D. (2004) Parameter subset selection and multiple comparisons of Poisson rate parameters with misclassification; *Computational Statistics and Data Analsysis,* 45, 467-479.

Stamey, J., Seaman, J., and Young, D. (2004) Bayesian sample size determination for estimating a Poisson rate with underreported data; *Communications in Statistics: Simulation and Computation*, 33, 2, 341-354.

Bratcher, T., and Stamey, J. (2004) A note on Bayesian interval estimation for comparing two Poisson rates; *The Mathematical Scientist*, 29, 54-60.

Holt, M., Stamey, J., Seaman, J., and Young, D. (2004) A note on distribution-free tests for interaction in quantal response data; *Journal of Statistical Computation and Simulation*, 74, 683-690.

Stamey, J., Bratcher, T., and Young, D. (2004) Bayesian predictive probability functions for count data subject to misclassification; *Biometrical Journal*, 46, 572-578.

Stamey, J., Cecchini, M., and Young, D. (2003) A double-sampling approach for maximum likelihood estimation for a Poisson rate parameter with visibility-biased data; *Statistica,* 63, 3-11.

Bratcher, T., and Stamey, J. (2002) Estimation of Poisson rates with misclassified counts; *Biometrical Journal*, 44, 946-956.

Invited Talks

Correcting for misclassification in logistic regression with partially validated data: Bayesian versus frequentist approaches; Department of Statistics; University of South Carolina, March 2018.

Sensitivity Analyses for Unmeasured Confounding, DIA/FDA Statistics Forum, Bethesda, MD, April 2015

Bayesian modeling of cost-effectiveness studies with unmeasured confounding and misclassified Response, International Indian Statistical Association Meeting, UC Riverside, July 2014.

Bayesian design for joint modeling of correlated binary responses with misclassification; Conference of Texas Statisticians; Rice University, March 2013

Accounting for Unmeasured Confounding in Cost-Effectiveness Analyses; Midwest Biopharmaceutical Statistics Workshop; Ball State University, May 2011.

Bayesian Sample Size Determination for a Clinical Trial with Correlated Continuous and Binary Outcomes; FDA/DIA Statistics Forum 2011; Bethesda, MD, April 2011.

Bayesian approaches to handle pharmacoepidemiological data with an unmeasured confounder and response misclassification; International Chinese Statistical Association Applied Statistics Symposium, June 2010.

Bayesian approach for estimation and variable selection for Poisson regression with misclassified outcomes; Georgetown Univeristy Biostatistics, Bioinformatics and Biomathematics Department, March 2009.

Bayesian sample size determination for bio-pharmaceutical problems; Eli Lilly & Co.; Indianapolis, IN, November 2007.

Bayesian model selection for logistic regression with misclassified counts; Department of Mathematics and Statistics; Texas A&M Corpus Christi, September 2007.

Sample size determination for comparing two binomial proportions with no gold standard; Mathematics and Statistics Department; Sam Houston State University, October 2006.

Estimation of invervention effect with misclassified data: a Bayesian approach; Southern Regional Council on Statistics Summer Research Conference; Kerrville, TX, June 2006.

Short course in statistics; MAA Texas Section Meeting; Huntsville, TX, April 2003.

Bayesian analysis of Poisson data with false positives and false negatives; Conference of Texas Statisticians; Houston, TX, April 2002.

Grants and Contracts

Title: Science Driven Adaptive Program

PI: John Seaman

Co-PI: James Stamey, David Kahle, Joon Jin Song

Company: Eli Lilly & Co.

Total Amount: $311,284

Dates: 2022-2023

Title: Science Driven Adaptive Program

PI: John Seaman

Co-PI: James Stamey, David Kahle, Joon Jin Song

Company: Eli Lilly & Co.

Total Amount: $311,284

Dates: 2021-2022

Title: Science Driven Adaptive Program

PI: John Seaman

Co-PI: James Stamey, David Kahle, Joon Jin Song

Company: Eli Lilly & Co.

Total Amount: $311,284

Dates: 2020-2021

Title: Science Driven Adaptive Program

PI: John Seaman

Co-PI: James Stamey, David Kahle, Joon Jin Song

Company: Eli Lilly & Co.

Total Amount: $311,284

Dates: 2019-2020

Title: Science Driven Adaptive Program

PI: John Seaman

Co-PI: James Stamey and David Kahle

Company: Eli Lilly & Co.

Total Amount: $311,284

Dates: 2018-2019

Title: Science Driven Adaptive Program

PI: John Seaman

Co-PI: James Stamey and David Kahle

Company: Eli Lilly & Co.

Total Amount: $311,284

Dates: 2017-2018

Title: Science Driven Adaptive Program

PI: John Seaman

Co-PI: James Stamey and David Kahle

Company: Eli Lilly & Co.

Total Amount: $311,284

Dates: 2016-2017

Title: Science Driven Adaptive Program

PI: John Seaman

Co-PI: James Stamey and David Kahle

Company: Eli Lilly & Co.

Total Amount: $311,284

Dates: 2015-2016

Title: Bayesian methods for pharmaceutical statistics

PI: John Seaman and James Stamey

Company: Eli Lilly & Co.

Total Amount: $397,358

Dates: 2009-2015

Title: Evaluation of Project U-Turn of the Family & Children Faith Coalition

Agency: HHS-2007-ACF-ACYF-AE-0099

PI: Michael Sherr, Preston Dyer CO-PI's.

Total Amount: $2,931,535.00

Dates: 2007-2012

Role: Collaborator

Title: Cooperative Research Training in Biostatistics

PI: Jack Tubbs and John Seaman

Agency: Lilly Foundation

Total Amount: $75,000

Dates: 2006-2008

Role: Collaborator

Professional Honors and Fellowships

Texas Section MAA Project NExT Fellow

SFA Department of Mathematics and Statistics 2004-2005 Teaching Excellence Award Winner

SFA College of Sciences and Mathematics 2004-2005 Teaching Excellence Award Winner

Doctoral Dissertations Directed/Currently Directing (All Baylor University)

1. Anna McGlothlin (co-directed with John Seaman), 2007.
2. Dunlei Cheng, 2007.
3. Jie Wang, 2008.
4. Joanna Crixell (co-directed with John Seaman), 2008
5. Stephanie Powers, 2009.
6. Daniel Beavers, 2009.
7. MaryAnn Morgan-Cox (co-directed with John Seaman), 2010
8. John Seaman, III (co-directed with John Seaman), 2010
9. Austin Hand, 2011
10. Eileen Stock (co-directed with Dean Young), 2011
11. Monica Bennett (co-directed with John Seaman), 2011
12. Tave Doty (co-directed with Jack Tubbs), 2011
13. Brandi Falley, 2012
14. Hua Wei (co-directed with John Seaman), 2012
15. Ross Bray (co-directed with John Seaman), 2013
16. Daisy Yuan, 2014
17. Ryan Sides (co-directed with David Kahle), 2014
18. Jack Knorr (co-directed with John Seaman), 2014
19. Mark Eschmann, 2016
20. Wencong Chen, 2016
21. Wenqi Wu (co-directed with David Kahle), 2016
22. Jonathon Vallejo (co-directed with Matthew Hejduk), 2016
23. Tyler Nelson, 2017
24. Paul Faya (co-directed with John Seaman), 2017
25. Clay King (co-directed with Joon-Jin Song), 2018
26. Katrina Anderson, 2018
27. Chris Elrod (co-directed with Matthew Hejduk), 2019
28. Divya Lakshminarayanan (co-directed with John Seaman), 2019
29. Briceon Wiley (co-directed with Dean Young), 2020
30. Purvi Prajapati (co-directed with John Seaman), 2020
31. Jinjie Chen (co-directed with Joon Jin Song), 2021

32. Ryan Hebdon (co-directing with David Kahle, Fall 2023 projected defense
33. Jamie Roberman, Spring 2024 projected defense

Professional and University Service

Graduate Program Director, Department of Statistical Science, Baylor University, 2010 – 2018

Member of Graduate Curriculum Committee, 2009-2012

Member DIA Bayesian Scientific Working Group.

Associate-Editor for *The American Statistician*, 2021 - present

Reviewed articles for:

Addiction

Annals of Epidemiology

Australian and New Zealand Journal of Statistics

Biometrical Journal

Biometrics

BMC Cancer

BMC Medical Research Methodology

Clinical Trials

Communications in Statistics B: Simulation and Computation

Computers and Industrial Engineering

Computational Statistics and Data Analysis

Drug Safety

European Journal of Operational Research

Journal of Applied Statistics

Journal of Biopharmaceutical Statistics

Journal of the Royal Statistical Society: Series C (Applied Statistics)

Journal of Statistical Computation and Simulation

Journal of Systems Science and Complexity

Metron

Pharmacoepidemiology and Drug Safety

Preventive Veterinary Medicine

Statistics in Medicine

The Veterinary Journal