

EDUCATION

Rice University, Houston, TX

Ph.D. in Statistics

M.S. in Statistics

Thesis: "Bayesian Applications to Clinical Trials and Survival Analysis"

Honors: Qualifying exam passed "with distinction"

2014-2018

Louisiana State University, Baton Rouge, LA

Masters of Applied Statistics M.Ap.St.

Thesis: "Assessment of Simon and Price models for predicting citation accumulation"

2012-2014

Louisiana State University, Baton Rouge, LA

B.S. in Mathematics

Area of Concentration: Statistics

2008-2012

AWARDS

T32: Cancer Training Grant

OFDA 2016 Scholarship

O'Bayes Conference Travel Award

Best Biometrics Paper

2014 – 2016

2016 – 2017

2017

2019

PUBLICATIONS AND PAPERS

1. Salomon, B, Krause, P.C., Dasa, V., Hall, L., Shi, L., Chapple, AG (2021). Hospital length of stay is associated with increased likelihood for venous thromboembolism following total joint arthroplasty. *Arthroplasty today*. **Accepted for Publication.**
2. Buzhardt, S, Chapple, AG, LeMoine, F, McCune, K, Moore, F, Sutton, E (2021). Surgical Site Infection Risk in Cesarean Delivery Patients with Obesity Following Negative Pressure Wound Therapy: A Retrospective Cohort Study. *Surgery*. **Accepted for Publication.**
3. Johnson, Chapple, et al. "Combating a "Twin-demic": A Quantitative Assessment of COVID-19 and Influenza Vaccine Hesitancy in Primary Care Patients". *Health Promotion perspectives*. **Accepted for Publication.**
4. Salomon, B., Krause, P. C., Dasa, V., Shi, L., Jones, D., & Chapple, A. G. (2021). The Impact of Hepatitis C and Liver Disease on Risk of Complications After Total Hip and Knee Arthroplasty: Analysis of Administrative Data From Louisiana and Texas. *Arthroplasty today*, 7, 200–207. <https://doi.org/10.1016/j.artd.2020.12.016>
5. McDougal, M., Nair-Fairless, P., Weiss, T., Dao, E., Chapple, A. G., & Jernigan, A. (2021). Practice patterns and results of tumor and germline genetic evaluation of women with endometrial cancer in south Louisiana. *Gynecologic oncology reports*, 36, 100717. <https://doi.org/10.1016/j.gore.2021.100717>
6. Hoffseth KF, Simkin J, Busse E, Stewart K, Watt J, Chapple A, Hargrove A, Sammarco MC. (2020) A New Approach to Analyzing Regenerated Bone Quality in the Mouse Digit Amputation Model using Semi-automatic Processing of microCT Data. *Bone*. 2020 Dec 1:115776. doi: 10.1016/j.bone.2020.115776 PMID: 33276153.
7. LeMoine F, Moore RC, Chapple A, Moore FA, Sutton E. (2020) Neonatal Survivability following Previaible PPROM after Hospital Readmission for Intervention. *AJP Rep*. Oct; 10(4):e395-e402. doi: 10.1055/s-0040-1721421. Epub 2020 Dec 3. PMID: PMC7714616.
8. Pratt, A., Scheinuk, J., Lopez, D., Mesa, C. J., Mahato, S., Chapple, A. G., & Guevara, M. E. (2020). Sunscreen knowledge amongst rheumatologists: Finding the gap. *Lupus*. <https://doi.org/10.1177/0961203320973272>
9. Block MS, Christensen BJ, Mercante D, Chapple AG. (2020). What factors are associated with implant failure? *Journal of Oral and Maxillofacial Surgery*. <https://doi.org/10.1016/j.joms.2020.08.023>
10. Chapple A, Thall P. (2020) Comparison of Phase I-II Designs with Parametric or Semi-Parametric Models Using Two Different Risk-Benefit Trade-Off Criteria. *Contemporary Clinical Trials*. Accepted.

11. Silver V, Chapple A, Feibus A, Beckford J, Halapin N, Delphi B, Gordon A, Baumgartner W, Vignes S, Clark C, Kambok S, Lim S, Mackey S, Seal P, Kanter J, Bell C, Clement M. Clinical Characteristics and Outcomes Based on Race of Hospitalized Patients with COVID-19 in a New Orleans Cohort. Accepted for publication, *Open Forum Infect Dis*.
12. Chapple, A. (2020). Bayesian subgroup clustering in phase I clinical trials. *SAGE Research Methods Cases*. doi: <https://dx.doi.org/10.4135/9781529742657>
13. Cameron JE, Dennis DC, Herrel NR, Chapple AG, and Hagensee ME. (2020) Risk of abnormal cervical cytology in HIV-infected women testing positive for both human papillomavirus and Epstein-Barr virus in genital tract specimens. Accepted for publication in *Cancer Causes and Control*.
14. Chapple, AG, Peak, T, Hemal, A. A novel Bayesian continuous piecewise linear log-hazard model, with estimation and inference via reversible jump Markov chain Monte Carlo. *Statistics in Medicine*. 2020; 1–15. <https://doi.org/10.1002/sim.8511>
15. Blackston, J.W., Chapple, A.G., McGree, J.M., McDonald, S.N., Nikles, J (2019). Comparison of aggregated N-of-1 trials with parallel and crossover randomized controlled trials using simulation studies. *Healthcare*, 7, 137.
16. Simkin, J., Bronstone, A., Chapple, A., Clement, R.C., Cohen-Rosenblum, A., Czarny-Ratajczak, M., Dasa, V. Hilliard, C., King, A., Krause, P., and Marrero, L. (2019). Letter to the Editor: Editorial: Beware of studies claiming that social factors are “independently associated” with biological complications of surgery. *Clinical Orthopedics and Related Research*. 477 (12): 2807-2809
17. Chapple, A. G. and Thall, P. F. (2019). Rejoinder to “A hybrid phase I-II/III clinical trial design allowing dose reoptimization in phase III”. *Biometrics*.
18. Peak, T. C., Russell, G. B., Dutta, R., Rothberg, M. B., Chapple, A. G. and Hemal, A. K. (2019). A National Cancer Database-based nomogram to predict lymph node metastasis in penile cancer. *BJU International*. 123: 1004-1010. [10.1111/bju.14652](https://doi.org/10.1111/bju.14652)
19. Chapple, A.G., Blackston, J.W. (2019). Finding benefit in n-of-1 trials. *JAMA Intern Med*. 179(3):453-454.
20. Christensen, B.J., Chapple, A.G., King, B.J. (2019). What is the Effect of Treating Mandibular Fractures on Weight and Prealbumin? *Journal of Oral and Maxillofacial Surgery*. 77 (6): 1-6.
21. Peak, T., Su, Y., Chapple, A.G., Chyr, J., Pollack, J., Deep, G. (2019). Syntaxin 6: A novel predictive and prognostic biomarker in papillary renal cell carcinoma. *Scientific Reports*. 9 (1): 3146.
22. Chapple, A. G., Wojcik, J. J., & McDaniel, L. S. (2019). A regression based phase I clinical trial for late-onset toxicities without clinician elicitation. *Contemporary clinical trials communications*, 14, 100327. doi:10.1016/j.conctc.2019.100327
23. Christensen, B.J., Chapple, A.G., King, B.J. (2018). How much weight loss can be expected after treating mandibular fractures? *Journal of Oral and Maxillofacial Surgery*.
24. Peak, T., Russell, G.B., Dutta, R., Rothberg, M., Chapple, A.G., Hemal, A.K. (2018). An NCDB-based Nomogram to Predict Lymph Node Metastasis in Penile Cancer. *BJU International*. 123. [10.1111/bju.14652](https://doi.org/10.1111/bju.14652).
25. Chapple, A.G., Thall, P.F. (2018). A hybrid phase I-II/III clinical trial design allowing dose re-optimization in phase III. *Biometrics*. 1–11. <https://doi.org/10.1111/biom.12994>
26. Peak T.C., Chapple, A.G., Coon, G., Hemal, A. (2018). Utilizing a Semi-Competing Risk Model to Predict Perioperative and Oncologic Outcomes after Radical Cystectomy. *British Urology Journal*. 10 (11): 317-326
27. Chapple, A.G., Thall, P.F. (2018). Subgroup-specific dose finding in phase I clinical trials based on time to toxicity allowing adaptive subgroup combination. *Journal of Pharmaceutical Statistics*. 1-16.
28. Chapple, A.G. (2018). Modeling ISIL terror attacks and their fatality rates with a Bayesian reversible jump marked point process. *Journal of Economics and Econometrics*. *Economics and Econometrics Society*. 61(3): 1-14.
29. Chapple, A.G., Vannucci, M., Thall, P.F., Lin, S.H. (2017). Bayesian variable selection for a semi-competing risks model with three hazard functions. *Journal of Computational Statistics and Data Analysis*. 112: 170-185.

30. Liru, H., Chapple, A.G., Liao, Z., Komaki, R., Thall, P.F., Lin SH. (2016) Bayesian regression analyses of radiation modality effects on pericardial and pleural effusion and survival in esophageal cancer. *Journal of Radiation Oncology*. 121 (1): 70-74.
31. Chapple, A. (2016) A Bayesian Reversible Jump Piecewise Hazard approach for modeling rate changes in mass shootings. *Journal of Economics and Econometrics*. 59 (3). 19-31.
32. Han, K.J., Pitman, W.D., Chapple, A. (2014). Moisture Concentration Variation of Silages Produced on Commercial Farms in the South-Central USA. *Asian-Australasian Journal of Animal Sciences*. 2014;27(10):1436-1442.

CONFERENCE PROCEEDINGS

Odisho, Roumta MD; LeMoine, Felicia MD; Castillo-Quek, Jaimee MD; Chapple, Andrew PhD; Sutton, Elizabeth PhD; Boggs, Karli Mizell MD Novel Clinical Navigation System to Improve Prenatal Care for Patients With Diabetes in Pregnancy [27D], *Obstetrics & Gynecology*: May 2020 - Volume 135 - Issue - p 45S-46S doi: 10.1097/01.AOG.0000663452.28907.e7

LeMoine, Felicia MD; Chapple, Andrew PhD; Sutton, Elizabeth PhD; Pam, Lakedra MD Characteristics of Patients Intending to Breastfeed in a Tertiary Obstetric Hospital in Louisiana [07O], *Obstetrics & Gynecology*: May 2020 - Volume 135 - Issue - p 158S doi: 10.1097/01.AOG.0000663760.63248.62

LeMoine, Felicia MD; Odisho, Roumta MD; Chapple, Andrew PhD; Sutton, Elizabeth PhD; Boggs, Karli Mizell MD Improving Maternal and Neonatal Outcomes for Patients With Diabetes by Clinical Navigation [16D], *Obstetrics & Gynecology*: May 2020 - Volume 135 - Issue - p 42S-43S doi: 10.1097/01.AOG.0000663464.71233.90

ABSTRACT SUBMISSIONS

Kaitlyn Taylor MD, Andrew Chapple PhD, Amie Davenport RN, Mike Miller, Sharon Odenwald RN, Landon Roy, Lakedra Pam MD, Elizabeth Sutton PhD. Risk Factors for Peripartum Hemorrhage in a Tertiary Hospital in South-Central Louisiana. ACOG 2020 Annual Clinical and Scientific Meeting. Seattle, Washington. [Accepted for poster presentation]

Emily Tompkins MD, Andrew Chapple PhD, Sarah Buzhardt MD, Elizabeth Sutton PhD. Effect of Cervical Dilation at Time of Amniotomy on Cesarean Rates in a Nulliparous Population. ACOG 2020 Annual Clinical and Scientific Meeting. Seattle, Washington. [Accepted for poster presentation] ***Award for most impact***

Felicia LeMoine, Andrew Chapple, Elizabeth Sutton, Lakedra Pam. Characteristics of Patients Intending to Breastfeed in a Tertiary Obstetric Hospital in Louisiana. ACOG 2020 Annual Clinical and Scientific Meeting. Seattle, Washington. [Accepted for poster presentation]

Felicia LeMoine, Roumta Odisho, Andrew Chapple, Elizabeth Sutton, Karli Boggs. Improving Maternal and Neonatal Outcomes for Patient with Diabetes by Clinical Navigation. ACOG 2020 Annual Clinical and Scientific Meeting. Seattle, Washington. [Accepted for poster presentation]

Roumta Odisho, Felicia LeMoine, Jaimee Castillo-Quek, Andrew Chapple, Elizabeth Sutton, Karli Boggs. Novel Clinical Navigation System to Improve Prenatal Care for Patient with Diabetes in Pregnancy. ACOG 2020 Annual Clinical and Scientific Meeting. Seattle, Washington. [Accepted for poster presentation]

A.B. Clark, M. Brown, O. Gilbert, A. Chapple, A.M. Jernigan and N. Nair. Look good, feel good? the effects of body image on quality of life in gynecologic cancer patients. Society of Gynecologic Oncology Annual Meeting, Toronto, Canada (accepted for poster presentation)

O.E. Gilbert, N.L. Rezvani, C.R. Smith, A. Chapple, N. Nair, and A.M. Jernigan (2020, Mar 28). Patient Perception of Gynecologic Clinical Trial Participation in the Deep South. Poster presentation at the Society of Gynecologic Oncology Annual Meeting on Women's Cancer. Toronto, Canada.

C.J. Mesa, S. Yadlapati, A.G. Chapple, S. Mahato, M.E. Guevara. The Use and Safety of Rituximab in Connective Tissue Disease associated Interstitial Lung Disease. American College of Rheumatology (ACR) 2019, Atlanta Georgia.

Andrew G. Chapple Curriculum Vitae

Brett Salomon, Andrew Chapple Ph.D., Vinod Dasa M.D., Peter Krause M.D. Factors Influencing Complication Rates After Total Hip and Knee Arthroplasty in Hepatitis C Positive and Liver Disease Patients. 2020 Louisiana Orthopedic Association.

C.J. Mesa, S. Yadlapati, A.G. Chapple, S. Mahato, M.E. Guevara. Sunscreen Knowledge Amongst Rheumatologist: Finding the Gap. 22nd Pan-American Congress of Rheumatology (PANLAR) 2020

M. Brown, A.G. Chapple, N. Nair, et al. Enhanced Recovery After Surgery (ERAS) Implementation in Gynecologic Surgery Patients in a Medically Underserved Population. 2020 LSU Quality Improvement Forum. ***People's Choice award winner***

R. Gilbert, A.G. Chapple, K. Boggs, E. Sutton. Marijuana Use in Pregnancy and the Risk of Preterm Birth. 2020 Central Association of Obstetricians and Gynecologists (CAOG) Meeting. ***Dr. Jack A. Pritchard Memorial Paper award winner***

Silver V, Chapple A, Feibus A, Beckford J, Halapin N, Delphi B, Gordon A, Baumgartner W, Vignes S, Clark C, Kambok S, Lim S, Mackey S, Seal P, Kanter J, Bell C, Clement M. Clinical Characteristics and Outcomes of Patients Hospitalized with COVID-19 in New Orleans, LA: A Cohort Study. Accepted for oral abstract, IDWeek, 2020.

Brown M.L., Moussavi V., Clark A.B., Matossian M.D., Holman S., Jernigan A.M., Scheib S.A., Shank J., Chapple A.G., Kelly E., Nair N. ERAS Implementation in Gynecologic Surgery in a Medically Underserved Publicly Insured and Uninsured Population. Poster presented at: AAGL 49th International Congress on Minimally Invasive Gynecologic Surgery. 2020 Nov 6-14; Virtual Conference.

Ileanette Robledo-Vega, John Scheinuk, Emmanuel Pardo, Ansley Pratt, Soham Mahato, Andrew G. Chapple and Myriam Guevara. **Vitamin D Level: Predictor of SLE Disease Activity in AA Cohort with CLE? ACR Convergence 2020.**

Gwan, A., Tanner, L., Chapple, A., Nair, N., Jernigan, A., Visual Representation of Vulvar Skin Conditions in Major Gynecology Textbooks. Are Skins of Color Underrepresented?. Accepted for poster presentation at CREOG & APGO Annual Meeting. March 2021.

Simran Mittal, Anwei Gwan, Andrew Chapple, Jaime Alleyn, Valerie Williams. "An Assessment of Medical Student Perceptions Towards Abortion Education." 2020 ACOG Medical Student Virtual Poster Session. Virtual Meeting. September 26, 2020.

Simran Mittal, Anwei Gwan, Andrew Chapple, Jaime Alleyn, Valerie Williams. "An Assessment of Medical Student Perceptions Towards Abortion Education." 2020 AMA Research Symposium. Virtual Meeting. December 3, 2020.

Gregory Benes; Justin David; Molly Synowicz; Alex Beteck; Andrew G. Chapple; Peter C. Krause; Vinod Dasa; Deryk Jones; Lauren Hall; Robert Galagan. "Exploring Disparities In Screening And Treatment For Osteoporosis In Patients With Hip Fractures" ORS 2021 Annual Meeting.

Zohaib Y. Lakhani; Elena Plakotaris; Andrew Chapple; Vinod Dasa; Louis Marrero; Jennifer Simkin. "Patient-specific Decreases In Circulating Cytokines Are Associated With Lower Pain After Total Knee Arthroplasty." ORS 2021 Annual Meeting.

FUNDED GRANTS

OREF - JRGOS Health Disparities Research in Orthopedics: Jennifer Simkin (PI)
07/01/20 - 06/30/21

Title: Integrating clinical, social and biological data to assess TKA risk
Role: CO-PI and Statistician
Effort: 0%

NSF – Office of Advanced Cyberinfrastructure: Christopher Taylor, PI 07/15/20 - 06/30/22

Title: CC* Compute: Compute Cluster for Computational Sciences at Louisiana State University Health Sciences Center
Role: CO-PI
Effort: 0%
Funding for school: \$399,458.00

CURRENT EFFORT SUPPORT (TOTAL 55%)

1. LSUHSC OBGYN DEPARTMENT (NOV 2018): 15% EFFORT – PLANNING PROJECTS, DATA ANALYSIS, SUBMITTING ABSTRACTS FOR PROSPECTIVE STUDIES FOR ALL LSU OBGYN RESIDENTS ACROSS THE STATE.
2. LSUHSC ORTHOPAEDICS DEPARTMENT (MAY 2019): 25% EFFORT – LEADER OF THE LSUHSC BIG ORTHOPAEDICS NUMBERS AND EMPIRICAL STATISTICS GROUP (BONES). USES LARGE SCALE DATABASES OF ELECTRONIC MEDICAL RECORDS TO PLAN STUDIES, WRITE PAPERS, AND SUBMIT ABSTRACTS.

3. WOMAN'S HOSPITAL BATON ROUGE (JAN 2020): 15% EFFORT – PLANNING STUDIES AND DATA ANALYSIS USING WOMAN'S HOSPITAL ELECTRONIC HEALTH RECORDS. PLANNING RANDOMIZED PROSPECTIVE STUDIES, WRITING GRANTS FOR PROJECTS AT WOMAN'S HOSPITAL.
4. DEPARTMENT OF ORAN & MAXILLOFACIAL SURGERY (JAN 2021): 5% EFFORT – PLANNING STUDIES AND DATA ANALYSIS USING PROSPECTIVE DATA COLLECTED BY FACULTY.
5. *FORMER* LOUISIANA CANCER CENTER (FEB 2019-JUNE 2020): 2% EFFORT – WRITING GRANTS, WORKING ON DATA ANALYSIS OF COMPLEX BIOMARKERS, PLANNING ADAPTIVE CLINICAL TRIAL DESIGNS.

SOFTWARE AVAILABLE ON CRAN

BayesPieceHazSelect: Bayesian variable selection on covariates in a cox-like hazard with a piecewise exponential baseline hazard.
<https://cran.r-project.org/web/packages/BayesPieceHazSelect/BayesPieceHazSelect.pdf>

BayesPiecewiseICAR: Fits a piecewise exponential model to survival data.
<https://cran.r-project.org/web/packages/BayesPiecewiseICAR/BayesPiecewiseICAR.pdf>

SimSCRPiecewise: Simulates survival data from piecewise hazards.
<https://cran.r-project.org/web/packages/SimSCRPiecewise/SimSCRPiecewise.pdf>

SCRSELECT: Implements the SVSS and DIC-Tau_g procedures from the paper: Bayesian variable selection for a semi-competing risks model with three hazard functions. <https://cran.r-project.org/web/packages/SCRSELECT/SCRSELECT.pdf>

SubTite: Implements Sub-TITE dose finding in phase I clinical trials and provides functions for simulating these trials.
<https://cran.r-project.org/web/packages/SubTite/SubTite.pdf>

PieceExpIntenisty: Bayesian reversible jump MCMC for a marked Poisson point process.
<https://cran.r-project.org/web/packages/PieceExpIntenisty/PieceExpIntenisty.pdf>

Phase123: Contains functions for implementing and simulating Phase I-II/III clinical trials.
<https://cran.r-project.org/web/packages/Phase123/Phase123.pdf>

Phase12Compare: Contains functions for implementing and simulating SPSO and Efftox phase 12 trials with utility or a tradeoff contour-based objective function.
<https://cran.r-project.org/web/packages/Phase12Compare/Phase12Compare.pdf>

BayesReversePLLH: Implements the Bayesian reversible jump piecewise exponential (PEH) and piecewise linear log-hazard (PLLH) models described in Chapple, Peak and Hemal (2020).
<https://cran.r-project.org/web/packages/BayesReversePLLH/BayesReversePLLH.pdf>

MABOUST: Conducts and simulates the MABOUST design, including making interim decisions to stop a treatment for inferiority or stop the trial early for equivalency based on an ordinal outcome variable and a Bayesian clustering design..
<https://cran.rstudio.com/web/packages/MABOUST/MABOUST.pdf>

TEACHING EXPERIENCE

Louisiana State University School of Public Health, New Orleans, LA	
Assistant Professor	2018-present
Courses Taught/Teaching: BIOS 6318-Nonparametric Statistics; BIOS 6310- Applied Biostatistics; BIOS 6210 – Categorical Data Analysis; BIOS 6300 – Statistical Computing; BIOS 7318 – Statistical Learning; Developed online course for undergraduate public health degree.	
Rice University, Houston, TX	
Teaching Assistant	2014-2016
I taught introductory labs on using R for homework assignment and gave bi-weekly review lectures for an introductory probability and statistics class. I wrote and graded assignments for an applied stochastic processes class on generating functions.	
Louisiana State University, Baton Rouge, LA	
Lab Lecturer	2012-2014

I taught 8 undergraduate labs on how to use SAS enterprise guide. Held problem sessions for undergraduate students. Taught one graduate lab on how to use SAS to perform analyses learned in class, writing and grading each lab assignment.

RELATED EXPERIENCE

Louisiana State University Health Science Center, New Orleans, LA

Assistant Professor

2018 – present

I research Bayesian Methods, survival analysis and clinical trials and also teach lectures to PhD/MS students in Biostatistics.

The Bioinformatics CRO

Biostatistical Consultant

2019-present

Perform data analysis and plan studies for clients of the Bioinformatics CRO. This includes planning studies, power analyses, and data analyses for research laboratories and collaborators.

Numerical Algorithms Group (NAG)

Statistical Consultant

2021-present

Implement Bayesian methods to adequately quantify uncertainty around business decisions that may cost NAG, or it's primary customer British Petroleum, millions of dollars.

JAMA Network Open

Statistical Reviewer

2019-present

Review statistical protocol and methods used in papers submitted to the JAMA Network Open Journal

MD Anderson, Houston, TX

Trainee

2015 – 2018

I performed statistical research for medical applications under the supervision of Dr. Peter Thall. First we worked with Dr. Steven Lin on one application and one methodology paper involving semi-competing risks data. I took Dr. Thall's Bayesian clinical trial course in spring 2016, afterwards we developed two novel clinical trials, both of which have been published.

The Daily Reveille, Baton Rouge, LA

Sports Writer

Fall 2011

I covered all LSU fall sports but was specifically the beat writer for cross country and track. I pitched several story ideas to my managers each week, interviewed relevant sources, and wrote articles in a timely manner for print.

Volunteers in Public Schools, Baton Rouge, LA

Math Tutor

2009 – 2011

I tutored children in second and third grade who had fallen behind in math, developing advisor-mentee friendships seeing major improvements in their ability and confidence.

Episcopal High School, Baton Rouge, LA

Middle School Track Coach

2009 – 2010

I was the head boys coach for two middle school teams but particularly worked with quarter milers. I developed workouts for each day, taught relay exchanges, and encouraged the kids to succeed in track and life.

RELEVANT SKILLS

Master level coding proficiency in R and C++. Experience using clusters with putty and bash scripts. Proficiency using programs for developing clinical trials including East and several applications found on MDAnderson's website. Experience editing Wikipedia content. Proficiency in Excel and other Microsoft office programs.

MEMBERSHIPS

-NONE

INVITED AND CONTRIBUTED TALKS

- MD Anderson Cancer Center (June, 2017): Bayesian variable selection for a semi-competing risks model with three hazard functions.
- MD Anderson Cancer Center (June, 2018): A Hybrid Phase I-II/III Clinical Trial Design Allowing Dose Re-Optimization in Phase III.
- Louisiana Chapter of the ASA (November, 2018). Subgroup-specific dose finding in phase I clinical trials based on time to toxicity allowing adaptive subgroup combination.
- ENAR Annual Meeting (March, 2019): Bayesian variable selection for a semi-competing risks model with three hazard functions.
- Society of Clinical Trials Annual Meeting (May, 2019): A Hybrid Phase I-II/III Clinical Trial Design Allowing Dose Re-Optimization in Phase III.
- Bayesian Causal Inference Workshop (June, 2019). Subgroup-specific dose finding in phase I clinical trials based on time to toxicity allowing adaptive subgroup combination.
- University of Louisiana - Lafayette (October, 2019): A Hybrid Phase I-II/III Clinical Trial Design Allowing Dose Re-Optimization in Phase III.
- iBRIGHT conference at MDAnderson (November, 2019): Subgroup-specific dose finding in phase I clinical trials based on time to toxicity allowing adaptive subgroup combination.
- ENAR Annual Meeting (March, 2020): Subgroup-specific dose finding in phase I clinical trials based on time to toxicity allowing adaptive subgroup combination. Virtual.
- International Biometrics Conference (July 2020): A Hybrid Phase I-II/III Clinical Trial Design Allowing Dose Re-Optimization in Phase III. Best Biometrics paper showcase 2019. Virtual.
- Joint Statistical Meetings - JSM (July, 2020): Subgroup-specific dose finding in phase I clinical trials based on time to toxicity allowing adaptive subgroup combination. Virtual.
- PEARC High Throughput Research Conference (July, 2020): Utilizing Open Science Grid resources for Clinical Trial Designs.
- Panel Discussant – Workshop: “Supporting Campus Researchers with dHTC and the OSG”, October 22.