Briceön Wiley

CONTACT INFORMATION	Department of Statistics Rice University Duncan Hall Houston, Texas 77005, USA

	E-Mail	briceonwiley@rice.edu
	Website	https://www.briceonwiley.com

CITIZENSHIP

United States of America

RESEARCH INTERESTS

Integrated likelihood ratio methods, Confidence Interval methods, Misclassification, Double-sampling techniques, High dimensional data, Dimension reduction

EDUCATION

Baylor University, Waco, Texas, USA

Doctor of Philosophy (Ph.D.), Statistics   **July 2016 − August 2020**
- Thesis titled
  Integrated-Likelihood-Ratio Confidence Intervals Obtained from Data Via a Double-Sampling Scenario
- Advisors: James Stamey and Dean Young
- Area of Study: Parameter estimation, Confidence interval methods, Integrated-likelihood-ratio methods, Double-sampling techniques
- GPA: 3.77

Master of Science (M.S.), Statistics   **July 2016 − December 2017**
- GPA: 3.74

Bachelor of Business Administration (B.B.A.),   **August 2012 − May 2016**
    Baylor Business Fellows
      Finance
      Mathematics (Secondary Major)
      French (Secondary Major)
- GPA: 3.64

Université de Caen Normandie *Carré International*, Caen, Normandy, France

Intensive French Language Program that culminated in DELF B2 French efficiency exam.
- GPA: 3.83

PUBLISHED PEER REVIEWED ARTICLES

Wiley, B., Elrod, C., Young, P., and Young, D. (2021) "An integrated-likelihood-ratio confidence interval for a proportion based on underreported and infallible data." *Statistica Neerlandica.* 75:1–9, Available here.

ARTICLES UNDER PEER REVIEW

Harris, K., Harris, R., Valle, M., Carlson, J., Carlson, D., Zivnuska, S., Wiley, B. (2020) "Technostress and the Entitled Employee: Impacts on Work and Family" *Information Technology and People.*

ARTICLES IN PREPARATION	Wiley, B., Ma, Q., Young, P., Young, D. "Coverage Correction for an Integrated-Likelihood-Ratio Confidence Interval for a Proportion from Misclassified Data using a Double-Sampling Scheme." *TBD*. Wiley, B., Stamey, J., Young, D. "Integrated-Likelihood-Ratio Confidence Interval for the Log Odds-Ratio and Odds-Ratio Derived using Misclassified Data from a Double-Sampling Scenario." *TBD*.

TEACHING EXPERIENCE

Teaching Assistant   **August 2019 – Present**
Online MBA Program, **Baylor University**, Waco, Texas, USA
    Business Foundations - Statistics   **Fall 2019, 20; Spring 2020, 21**

Teacher of Record   **August 2017 – May 2020**
Department of Statistical Sciences, **Baylor University**, Waco, Texas, USA
    Intro to Business Analytics   **Spring 2019, 20**
    Quantitative Business Analysis I   **Fall 2018, 19**
    Elementary Statistics   **Fall 2017, Spring 2018**

Algebra II Teacher   **July 2018 – June 2019**
Rapoport Academy, Waco, Texas, USA

Adjunct Professor   **Fall 2017**
Department of Mathematics, **McLennan Community College**, Waco, Texas, USA
    Elementary Algebra
    Intermediate Algebra

WORK EXPERIENCE

Postdoctoral Research Fellow   **August 2020 – Present**
Department of Statistics, **Rice University**, Houston, Texas, USA
Department of Biostatistics, **MD Anderson Cancer Center**, Houston, Texas, USA
    Advisor: Christine Peterson

Data Scientist   **April 2020 – August 2020**
Baylor Collaborative on Hunger and Poverty, **Baylor University**, Waco, Texas, USA

AWARDS AND ACTIVITIES

Graduate
- Baylor University's Conyer's Graduate Scholars Program: Member (Fall 2017 – Spring 2018)
- Baylor University's Foundations for Teaching Workshop, May 2017
- Graduate School Fellowship, 2016. Awarded by graduate school for GRE scores and undergraduate academic record.

Undergraduate
- Baylor University's National Society of Collegiate Scholars: President (Fall 2015 – Spring 2016), Executive Vice President (Fall 2013 – Spring 2015)
- Baylor University's The Impact Movement: President (Fall 2013 – Spring 2016)
- Baylor University's Gamma Iota Sigma: Member (Fall 2014 – Spring 2016)
- Baylor University's Crane Scholar's Program: Member (Fall 2013 – Spring 2016)
- Insurance Council of Texas Property & Casualty Mid-Year Symposium (July 2015, 2016)
- Houston Marine Insurance Seminar (September 2014)

- Living Word Fellowship Church Summer Missionary: Belize, Central America (2009, 2010), Ghana, Africa (2011 – 2014)

TECHNICAL SKILLS Experience with stochastic simulation, data visualization, and R package development.

Programming: R, (R) Markdown, R Shiny, Julia, SAS, JAGS, STAN, Wolfram (Mathematica), Shell, JavaScript

Version Control: Git, GitHub user @BriceonWiley

Applications: Rstudio, VS Code, Emacs, TEX / LATEX / BIBTEX, Microsoft Office

Operating Systems: Mac OS, Microsoft Windows