

CONTACT INFORMATION	Department of Statistics Rice University Duncan Hall Houston, Texas 77005, USA	<i>E-Mail</i> briceonwiley@rice.edu <i>Website</i> 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
	<ul style="list-style-type: none">• Thesis titled <i>Integrated-Likelihood-Ratio Confidence Intervals Obtained from Data Via a Double-Sampling Scenario</i>• 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
	<ul style="list-style-type: none">• GPA: 3.74	
	Bachelor of Business Administration (B.B.A.), Baylor Business Fellows Finance Mathematics (Secondary Major) French (Secondary Major)	August 2012 – May 2016
	<ul style="list-style-type: none">• GPA: 3.64	
	Université de Caen Normandie <i>Carré International</i> , Caen, Normandy, France	
	Intensive French Language Program that culminated in DELF B2 French efficiency exam.	
	<ul style="list-style-type: none">• 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.” <i>Stattistica Neerlandica</i> . 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” <i>Information Technology and People</i> .	

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, SQL, SAS, JAGS, STAN, Wolfram (Mathematica), Shell, JavaScript

Version Control: Git, [GitHub](#) user @BriceonWiley

Applications: Rstudio, VS Code, Emacs, $\text{T}_{\text{E}}\text{X}$ / $\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$ / $\text{BIBT}_{\text{E}}\text{X}$, Microsoft Office

Operating Systems: Mac OS, Microsoft Windows