

[illegible]

TEACHING EXPERIENCE	Graduate Student Instructor (GSI), Statistics, UC Berkeley	
	<ul style="list-style-type: none"> <li>• Co-developed and co-instructed new writing in statistics course</li> <li>• Co-developed and co-instructed new blogging for data science independent study</li> <li>• Outstanding GSI award</li> </ul>	Fall 2017 Spring 2018
	Miscellaneous Primary Instructor	
	<ul style="list-style-type: none"> <li>• Introduction to Statistics in R Workshop (NICAR, 2020)</li> <li>• Data Storytelling Workshop (Correlation One's Women's Summit, 2020)</li> <li>• <a href="#">Unleashing the power of biodiversity data with data science</a> (Lewis and Clark workshop 2019, co-instructed with Ciera Martinez)</li> </ul>	
	Miscellaneous Teaching Assistant	
	<ul style="list-style-type: none"> <li>• Linear Regression Workshop (NICAR, 2020)</li> <li>• Peer Data Review coach (Open News, 2019)</li> <li>• R bootcamp (D-Lab/UC Berkeley Statistics Department, 2018)</li> <li>• Software Carpentry (Data Science for the 21st Century Training Program, 2018)</li> </ul>	
AWARDS	<ul style="list-style-type: none"> <li>• RStudio Diversity Scholar</li> <li>• Berkeley Institute for Data Science Fellow</li> <li>• Outstanding Graduate Student Instructor award</li> <li>• National Physical Science Consortium Fellow</li> <li>• Data Sciences for the 21st Century: Environment and Society Graduate Training Program</li> <li>• Gertrude M. Cox Scholarship</li> <li>• Goldwater Scholar</li> <li>• Elected to Phi Beta Kappa Society</li> <li>• First Place: Statistics in Sports Undergraduate Research Competition at Joint Statistical Meetings</li> <li>• Best in Show: Five College Data Fest</li> </ul>	2020 2018-2020 2018 2015-2018 2015-2017 2015 2014 2014 2014 2014, 2015
PROGRAMMING LANGUAGES	<ul style="list-style-type: none"> <li>• Advanced: R (and Shiny)</li> <li>• Experience With: Python, SQL, HTML, CSS, D3, JavaScript, bash, Matlab, Java, GIS, AMPL, Mathematica, NIMBLE, WinBUGS, LaTeX</li> </ul>	
PUBLICATIONS	<ul style="list-style-type: none"> <li>• Possolo, A., Schlamminger, S., <b>Stoudt, S.</b>, Pratt, J. R., and Williams, C. J. "Evaluation of the accuracy, consistency, and stability of measurements of the Planck constant used in the redefinition of the International System of Units" <i>Metrologia</i> Volume 55, Number 1, December 2017</li> <li>• <b>Stoudt, S.</b> "Geostatistical Models for the Spatial Distribution of Uranium in the Continental United States" <i>Advances in Geocomputation: Geocomputation 2015 - The 13th International Conference</i> Springer Advances in Geographic Information Science, 2017, pp. 325-334.</li> <li>• <b>Stoudt, S.</b>, Badian-Pessot, P., Mahop, B. N., Earley, E., Menter, J., Flores, Y., Williams, D., Zhang, W., Maharaman, L., Bao, Y., Rosenbauer, L., Nguyen, V., Mendiratta, V., Tania, N. "Modeling Internet Traffic Generations Based on Individual Users and Activities for Telecommunication Applications" <i>American Journal of Undergraduate Research</i> Volume 13, Issue 3, August 2016, pp. 53-65.</li> <li>• Bartel, T., Possolo, A., and <b>Stoudt, S.</b> "Force Calibrations using Errors-in-Variables Regression and Monte Carlo Uncertainty Evaluations" <i>Metrologia</i> Volume 53, Number 3, June 2016, pp. 965-980(16).</li> <li>• <b>Stoudt, S.</b>, Cao, Y., Udwin, D., and Horton, N. J. "What Percent of the Continental US is Within One Mile of a Road?" <i>Statistics Education Web</i>, 2014.</li> <li>• <b>Stoudt, S.</b>, Santana, L., and Baumer, B. "In Pursuit of Perfection: An Ensemble Method for Predicting March Madness Match-Up Probabilities" <i>JSM 2014 Proceedings</i></li> </ul>	
OTHER WRITING	<ul style="list-style-type: none"> <li>• Four Hours: Manhattan Beach</li> <li>• Berkeley Institute for Data Science Best Practices Series</li> <li>• Berkeley Science Review</li> <li>• Ecology for the Masses Stats Corner</li> <li>• Logic Magazine</li> </ul>	

	<ul style="list-style-type: none"> <li>• Tidy Tuesday participation</li> <li>• RStats blog</li> <li>• What does probability mean anyway?</li> <li>• Fixed, mixed, and random effects</li> <li>• coming soon: collaboration with The Pudding based on my Kidz Bop lyrics Shiny app</li> </ul>	
SERVICE	<ul style="list-style-type: none"> <li>• Co-organizer of Code and Coffee East Bay for the Bay Area Women in Machine Learning &amp; Data Science Meetup group, Spring 2019-current</li> <li>• Active member of <a href="#">BIDS Diversity and Inclusion Working Group</a>, Fall 2018-current</li> <li>• Co-president of the Statistics Graduate Student Association (SGSA), Fall 2017-Spring 2018</li> <li>• Co-organizer of UC Berkeley DataFest, Springs 2016-2018</li> <li>• Co-organizer of SGSA Gender Issues Roundtable Discussion, Fall 2016</li> </ul>	
RELEVANT ACTIVITIES	<ul style="list-style-type: none"> <li>• Attended JavaScript for Shiny Users at <code>rstudio::conf</code> 2020</li> <li>• Author of base R to dplyr vignette 2020</li> <li>• RLadies San Francisco Lightning Talk 2019</li> <li>• Author of base R to stringr vignette 2019</li> <li>• Developer of interactive visualization for the <a href="#">Wealth Tax Simulator</a> 2019</li> <li>• <a href="#">Trans Day of Remembrance Hackathon Participation</a> 2018, 2019</li> <li>• Graduate Workshop on Environmental Data Analytics 2016</li> <li>• San Francisco Estuary Institute consulting 2016</li> <li>• Attended the Google Geospatial Technology Workshop 2015</li> <li>• SAMSI Summer Program: The International Temperature Initiative 2014</li> </ul>	