

Genevieve Jay Brett

gjayb333@gmail.com · +1 203 520 0172 ·
Maryland, USA

TEACHING EXPERIENCE

- **Equations of Geophysics**
University of Hawai'i Manoa
Graduate course with co-instructor Kelvin Richards, using Advanced Engineering Mathematics by M. Greenberg. I taught 7 weeks on ordinary differential equations and parabolic partial differential equations.
Spring 2019, 2020
- **Observational Physical Oceanography**
Woods Hole Oceanographic Institution
Teaching Assistant for a first-year graduate course. Instructors Magdalena Andres and Geoffrey (Jake) Gebbie. I held office hours and review sessions, graded homework, and gave one lecture.
Fall 2015
- **Summer Math Review**
Woods Hole Oceanographic Institution
Review by students for incoming students. As administrator, I developed curricula and evaluations, coordinated instructors, and communicated with students and administrators. As instructor, I taught differential eqn.s, algebra, and calculus.
Admin 2013-2015, Instructor 2014, 2016
- **Physics Peer Tutor**
Skidmore College
Courses: General Physics 1 and 2, Light and Color, Modern Physics. 1-to-1 tutoring on-demand.
2009-2012
- **Calculus 1**
Skidmore College
Teaching Assistant, responsible for office hours and review sessions.
Summer 2010
- **Mathematics Grader**
Skidmore College
Courses: Calculus 1 and 2, Linear Algebra, Statistics.
Sept 2009-Dec 2010

EDUCATION

- **Ph.D. Physical Oceanography**
MIT-WHOI Joint Program
2018
- **B.A. Physics and Mathematics**
Skidmore College
Summa Cum Laude
2012

AWARDS

- **George P. Pantaleyev award**
For commitment to improving the graduate student experience at WHOI
2018
- **Red Sock award**
For poster presentation by a student or postdoc
SIAM Dynamical Systems
2017

SKILLS

- **Software**
Microsoft Office Suite, G Suite; Adobe Acrobat, Illustrator, Premier; LaTeX; Zoom, Skype; Moodle, Blackboard
- **Languages**
native English, intermediate written and spoken French. Programming: fluent in Matlab; experienced with FORTRAN, Bash, and Java; familiar with C++, Python, BASIC, HTML

DEI EFFORTS

- Convener of *Advancing Equity and Inclusion of LGBTQ+ Scientists* session at AGU Fall Meeting 2020.
- SACNAS National Diversity in STEM conference: Reviewer of student abstracts and travel scholarships, GeoFutures mentor 2020. Student presentation judge 2019, 2020.