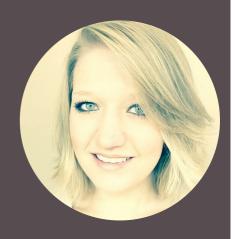
layout: splash title: "Curriculum Vitae" #author_profile: true permalink: /cv/ classes: wide header: overlay_filter: "0.5" overlay_image: /assets/images/ocean_eddies.jpg

Jenna L. Pearson

Connect with me at jenna_pearson@brown.edu



Education



PhD in Earth, Environmental and Planetary Sciences *Advisor: Prof. Baylor Fox-Kemper*

2008-2014

2015-Expected 2020

Brown University

2008-2014



B.A. in Mathematics *Advisor: Prof. Lidia Filus*

Northeastern Illinois University



B.A. in Earth Science

Advisor: Prof. Ken Voglesonger

Northeastern Illinois University

Professional & Teaching Experience



Graduate Research Assistant

Advisor: Prof. Baylor Fox-Kemper

Models, observations, and theory to isolate statistical biases and benefits of surface drifters in the coastal ocean.

Fall 2015-Present *Brown, University*



Instructor for Summer @ Brown
Studying the Ocean from Blackboard to the Bay

Summer 2020

Brown University



Course Designer and Co-instructor for Summer @ Brown Studying the Ocean from Blackboard to Drones

Summer 2018 & 2019

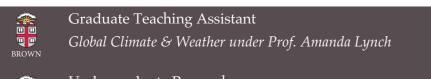
Brown University



Graduate Teaching Assistant

Intro. to Oceanography under Prof. Steve Clemens

Spring 2019
Brown University



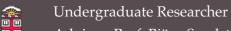
ozum Haizvovoitu

Summer 2014

Fall 2017

Brown University

Brown University



Advisor: Prof. Björn Sandstede, Division of Applied Mathematics *Analysis of data assimilation and parameter estimation schemes*

applied to traffic models



Undergraduate Researcher

Advisor: Prof. Alkes Price, Department of Epidemiology Statistical methods to infer consistency across populations of genetic

variants associated with type-II diabetes

Summer 2013

Harvard University

Awards & Honors

Funding

Brown Fellow, Brown University	2015-2016
NSF MaPs Scholar, Northeastern Illinois University	
	2012-2014
First Sergeant Council Scholarship, ILARNG	2011

Honors

Tse Cheuk Ng Tai Innovations in Fluids and Health 2019 Award [Article]	07/26/2019
GoMRI Scholar, Gulf of Mexico Research Initiative [Article]	2018
Deans List, Northeastern Illinois University	2008-2014
Women in Mathematics, Northeastern Illinois Univ.	2013
Army Achievement Medal, ILARNG Army Achievement Medal, ILARNG	2011
Command Sergeant Major's Award, ILARNG	2011
National Service Award, ILARNG	2009
- Transfer for the Timeray 12 fra 10	2006

Travel Grants

Fluids and Health 2019 Junior Researcher Fellowship	2019
Brown University Graduate School Conference Travel Grant	2019
Brown University Graduate School International Travel Grant	2019
National Institute for Mathematical and Biological Synthesis Travel Grant	2013
Society for Advancement of Chicanos and Native Americans in Science Travel Grant	2012

Skills & Training

2008-Present

Computer Languages:

Matlab, Python, R, Java and LATEX



2 weeks launching driftcards in the Gulf of Mexico shelf area and optimizing plate detection algorithms.	
	Spring 2017 Grand Isle, LA
Community Earth System Model (CESM) Tutorial 2019 1 week of lecture and hands on activities to learn to operate CESM.	08/05-08/09 2019 NCAR, CO
Cornell Satellite Remote Sensing Training Program 2 week summer course on remote sensing with a focus on ocean color.	06/03-06/14 2019 Ithaca, NY
American Institute of Biological Sciences & RI NSF EPSCoR/RI C-AIM Enabling Interdisciplinary and Team Science Workshop	Feb 2019 Kingston, RI
The Harriet W. Sheridan Center for Teaching and Learning Certificate I: Reflective Teaching	Fall 2018 Providence, RI
GODAE Oceanview International School New frontiers in operational oceanography	Fall 2017 Mallorca, Spain
Northeastern Illinois University Field School 2 weeks producing detailed geologic maps, stereonets, and reports on geomorpho and glacial features of a syncline area	ological
	Summer 2014 Baraboo, WI
ervice & Outreach	
Contributions	
Big Bang Science Fair Demonstrator, Waterfire in Providence, RI Career Day Geosciences Speaker, Lincoln Middle School GradCon Coordinator, Brown University Elementary School Science Instructor, Vartan Gregorian Elementary GRE Math Preparation Course Instructor, Northeastern Illinois University EMERGE Peer Leader, Northeastern Illinois University Mathematics Enrichment Workshop Program Peer Leader, Northeastern Illinois Univ. CLS Coordinator and Instructor, ILARNG	Sept 2019 Apr 2019 Aug 2018 2015-2016 Aug 2015 Jul-Aug 2015 2010-2012 2009-2011
Reviews	
Reviewer, Ocean Science Reviewer, Journal of Physical Oceanography Reviewer, Journal of Fluid Mechanics Expert Reviewer, Intergovernmental Panel on Climate Change	2019-Present 2019-Present 2018-Present 2018-2019
Departmental Service International Graduate Student Mentor, Brown University	2017-Present

2017-Present

First Year Graduate Student Mentor, Brown University

Consortium for Advanced Research on Transport of Hydrocarbon in the Environment III

Professional Memberships

American Meteorological Society2018-PresentAmerican Geophysical Union2018-PresentGraduate Women in Science & Engineering2015-PresentAssociation for the Sciences of Limnology and Oceanography2015-Present