Data Science Poster and Networking Session

Name	Email	Affiliation	Title
Lydia Ng	lydian@alleninstitute.org	Allen Institute for Brain Science	Exploring the mouse brain projectome through large-scale spatial mapping and quantification
Ben Marwick	bmarwick@uw.edu	Anthropology	Text mining JSTOR: Quantitative approaches to histories of science
Ido Bright	ibright@uw.edu	Applied Mathematics	Compressive sensing based machine learning strategy for characterizing the flow around a cylinder
Xin Chen	chenx26@uw.edu	Applied Mathematics	Detecting Multi-D Outliers and Portfolio Management Applications
Randy LeVeque	rjl@uw.edu	Applied Mathematics	Reproducibility and Open Science
Xing Fu	xingf@uw.edu	Applied Mathematics	Machine learning for self-tuning optical systems
Xing Fu	xingf@uw.edu	Applied Mathematics	Classification of birefringence in optical fibers using sparse representation
Eli Shlizerman	shlizee@uw.edu	Applied Mathematics	Data-driven modeling of olfactory neural codes and their dynamics in the insect antennal lobe
Steven Brunton	sbrunton@uw.edu	Applied Mathematics	Compressive Sampling and Dynamic Mode Decomposition
Pedro Doria Maia	pedro.doria.maia@gmail.com	Applied Mathematics	Compromised axonal functionality after concussion and/or traumatic brain injury
J. Nathan Kutz	kutz@uw.edu	Applied Mathematics	AMATH 482/582: Computational Data Methods for Scientists and Engineers
J. Nathan Kutz	kutz@uw.edu	Applied Mathematics	Background subtraction in video using Dynamic Mode Decomposition
Yu Hu	huyupku@gmail.com	Applied Mathematics	How network motif statistics affect the dynamics and function of neural circuits
Mackenzie Gavery	mgavery@u.washington.edu	Aquatic and Fishery Sciences	Exploring the biology of oysters, a few million base pairs at a time
James Anderson	jjand@uw.edu	Aquatic and Fishery Sciences	Columbia River DART (Data Access in Real Time) - Life Cycle of Fisheries and Hydrosystem Data
Vaishali Bhardwaj	vaishali@astro.washington.edu	Astronomy	The Lyman Alpha Forest from the Baryon Oscillation Spectroscopic Survey as a Cosmological Tool
Thomas Quinn	trq@astro.washington.edu	Astronomy	Analyzing the Universe: Extracting Science from Petascale Cosmology Simulations
Lori Beerman	beermalc@astro.washington.edu	Astronomy	Investigating the Life Cycle of Molecular Clouds in the Andromeda Galaxy
Yusra AlSayyad	yusra@uw.edu	Astronomy	A Deeper Look at SDSS Stripe 82 Imaging: LSST Reprocessed Co-adds
Yusra AlSayyad	yusra@uw.edu	Astronomy	Towards Efficient and Precise Queries Over Ten Million Asteroid Trajectory Models
Lauren Buckley	lbuckley@uw.edu	Biology	Computational and visualization tools for translating climate change into ecological impacts
Janneke HilleRisLambers	jhrl@uw.edu	Biology	Snow, Montane Wildflowers, and Citizen Scientists
Yonatan Munk	yomunk@uw.edu	Biology	Hawkmoth navigation within a virtual reality forest
Jeffrey Riffell	jriffell@uw.edu	Biology	Finding a scent in an olfactory cocktail: Odor discrimination in a dynamic chemical environment
Bingni Brunton	bbrunton@uw.edu	Biology, Applied Mathematics	Sparse decision making: how to classify using very few sensors
Dennis Bromley	dbromley@uw.edu	Biomedical Informatics and Medical Education	DIVE - A Data Intensive Visualization Engine
Nikhil Gopal	ngopal@uw.edu	Biomedical Informatics and Medical Education	A Fresh Look at Gene Expression Visualizations
Jane Lange	langej@u.washington.edu	Biostatistics	Modeling discretely observed multistate disease processes with informative sampling times
Xiuwen Zheng	zhengx@u.washington.edu	Biostatistics	Applications of SeqArray R Package in Data Management of Genome-Wide Sequencing Variants
Xiuwen Zheng	zhengx@u.washington.edu	Biostatistics	SeqArray: an R/Bioconductor Package for Big Data Management of Genome-Wide Sequencing Variants
Thomas Richardson, Wen Wei Loh	thomasr@uw.edu	Center for Statistics and the Social Sciences, Statistics	A Finite Population Test of the Sharp Causal Null Hypothesis for Compliers in Randomized Controlled Trials with Noncompliance
Jonathan M. Weigand	jweigand@uw.edu	Civil and Environmental Engineering	Integrity of Steel Gravity Connections Subjected to Simulated Column Removal
Cary Lynch	lynchc6@uw.edu	Climate Impacts Group	Climate Impacts Group
Magda Balazinska	magda@cs.washington.edu	Computer Science & Engineering	IGERT Ph.D. Program in Big Data and Data Science
Emad Soroush	soroush@cs.washington.edu	Computer Science & Engineering	SciDB: A Parallel Array Processing Engine
Andrew Whitaker	whitaker@cs.washington.edu	Computer Science & Engineering	The Data Science Incubator
Arvind Satyanarayan	arvindsatya@cs.stanford.edu	Computer Science & Engineering	Lyra: An Interactive Visualization Design Environment
Shengliang Xu	slxu@cs.washington.edu	Computer Science & Engineering	Myria: Big Data Analytics as a Service
Jeremy Hyrkas	hyrkas@cs.washington.edu	Computer Science & Engineering	Scalable Machine Learning Applications for SeaFlow Cytometry Data
Seung-Hee Bae	shbae@cs.washington.edu	Computer Science & Engineering	Scalable Flow-Based Community Detection for Large-Scale Network Analysis
Jennifer Ortiz	jortiz16@cs.washington.edu	Computer Science & Engineering	Leveraging Parallel Database Systems in Astrophysics: Creating Galactic Merger Trees using Myria
Jennifer Ortiz	jortiz16@cs.washington.edu	Computer Science & Engineering	Personalized Service Level Agreements in the Cloud
Greg Nelson	glnelson@uw.edu	Computer Science & Engineering	Physical Programming Tools for Synthetic Biology
Kristi Morton	kmorton@cs.washington.edu	Computer Science & Engineering	Support the Data Enthusiast:Challenges for Next-Generation Data-Analysis Systems
Jason Chuang	jcchuang@cs.washington.edu	Computer Science & Engineering	Topic Model Diagnostics: Assessing Model Quality and Domain Relevance via Visual Analytics
Brett Yasutake, Niko Simonson	yasutake@uw.edu	Computer Science & Engineering	Pacific Northwest Climate Analysis
Brandon Myers	bdmyers@cs.washington.edu	Computer Science & Engineering	Grappa: Friends don't let friends buy supercomputers
Danielle Bragg	dkbragg@cs.washington.edu	Computer Science & Engineering	Score-Based Structure Learning of Gene Regulatory Networks with Expert Biologist Input
Kanit Wongsuphasawat	kanitw@cs.washington.edu	Computer Science & Engineering	visualization-recommendation-exploratory
Maxwell Libbrecht	maxwl@cs.washington.edu	Computer Science & Engineering	Genome annotation using functional genomics data
Cagatay Demiralp	cagatay@cs.stanford.edu	Computer Science & Engineering	Visual Embedding: A Model for Visualization
Dominik Moritz	domoritz@uw.edu	Computer Science & Engineering	SQLShare: Database as a Service for Data Scientists
David Schmidt	dasc@uw.edu	Earth and Space Sciences	Searching for Volcanic and Tectonic Events in Satellite Radar Data
Alicia Hotovec-Ellis	ahotovec@uw.edu	Earth and Space Sciences	Insights into Mount St. Helens from New Analysis of Millions of Earthquakes
Kate Allstadt	allstadt@uw.edu	Earth and Space Sciences	Glacierquakes mimicking volcanic earthquakes at Mount Rainier: using data science to sort it out
Samuel Henly	sehenly@uw.edu	Economics	Adult Service Providers and Some Incidental Addenda
Tyler Johnson	tbjohns@uw.edu	Electrical Engineering	Blitz: Scaling L1-Regularized Optimization with Aggressive Subsets
Charles Delahunt	delahunt@uw.edu	Electrical Engineering, Applied Mathematics	Dark-Field Diagnosis of Malaria
Jake Vanderplas	jakevdp@cs.washington.edu	eScience Institute	AscotDB: Interactive tools for scalable astronomical image analysis
Jake Vanderplas	jakevdp@cs.washington.edu	eScience Institute	AstroML: Python-powered Machine Learning for Astronomy
David Beck	dacb@uw.edu	eScience Institute	eScience Institute Seed Grants in Translational Health Sciences
Joseph Hellerstein	joseph.hellerstein@gmail.com	eScience Institute	Teaching Biochemistry to Computer Scientists
Emily Silgard	esilgard@fhcrc.org	Fred Hutchinson Cancer Research Center	Characterization of Clinical Data Elements for Secondary Use in a Comprehensive Cancer Center
J. Jeffry Howbert	peaklist@uw.edu	Genome Sciences	Computing exact p-values improves calibration of a cross-correlation proteomics scoring function
Ruben Conner	rubenc@uw.edu	Global Health	Access, Bottlenecks, Costs and Equity
Tim Blakely	blakely@google.com	Google	BigBrain - Exploring "scaling" in large-scale simulation of Neuronal Networks
Yucheng Low	ylow@graphlab.com	GraphLab	GraphLab: Unleashing Data Science

Jim Maddock	maddock@uw.edu	Human Centered Design and Engineering	Misinformation on Twitter after the 2013 Boston Marathon Bombing
Michael Brooks	mjbrooks@uw.edu	Human Centered Design and Engineering	Usable Analysis of Emotion in Chat and Social Media
Megan Torkildson	mtorkild@uw.edu	Human Centered Design and Engineering	An Analysis of Emotion on Twitter During the BP Oil Spill
Megan Torkildson	mtorkild@uw.edu	Human Centered Design and Engineering	Classifying your data? Explore the classification scheme and text your assumptions with Δ
Zelda Zabinsky	zelda@u.washington.edu	Industrial and Systems Engineering	Microsoft® Scalable Rule-based Optimal Inventory & Assortment Planning with Real-time Data
Wolf Kohn	wolfk@u.washington.edu	Industrial and Systems Engineering	Microsoft® Scalable Rule-based Optimal Inventory & Assortment Planning with Real-time Data
Joshua Blumenstock	joshblum@uw.edu	Information School	Data Seminar
Joshua Blumenstock	joshblum@uw.edu	Information School	DataLab: Data Science and Analytics Laboratory
Joshua Blumenstock	joshblum@uw.edu	Information School	Data Science and International Development Policy
Ilya Shmulevich	ilya.shmulevich@systemsbiology.org	Institute for Systems Biology	Analysis of Data from The Cancer Genome Atlas
Si-Chi Chin	scchin@uw.edu	Institute of Technology, UW-Tacoma	Data Science in Healthcare and Wellness
Senjuti Basu Roy	senjutib@uw.edu	Institute of Technology, UW-Tacoma	ALIAS :Identifying Duplicate Authors in Microsoft Academic Search
Joel Larson	jilarson@uw.edu	Institute of Technology, UW-Tacoma	UW Center for Web & Data Science
Martine De Cock	mdecock@uw.edu	Institute of Technology, UW-Tacoma	Getting to know users in social networks
Abdeltawab Hendawi	hendawi@uw.edu	Institute of Technology, UW-Tacoma	AMADEUS: A system for monitoring water quality parameters and predicting contaminate sources
E. Sally Lee	sallylee@uw.edu	Institute of Translational Health Sciences	Biomedical Informatics Infrastructure to Enable Translational Research
Nathalie Williams	natw@uw.edu	Jackson School of Int'l Studies, Sociology	Measuring Mobility & Migration With Mobile Phone Call Records: Big Data for Demographic Science
Nannan Wang	nannan.wang@noaa.gov	Joint Institute for the Study of the Atmosphere and Ocean	Developing a global tsunami propagation database and its application for hazard assessments in China
Elise Hebb, George Huang	elise@madrona.com	Madrona Venture Group	Madrona's Data Analytics and Cloud Portfolio
William Stein	wstein@uw.edu	Mathematics	SageMathCloud
Ka Yee	kayee@uw.edu	Microbiology	ScanBMA and gene regulatory network inference
Winson Taam	witaam@microsoft.com	Microsoft	Data Science at Work: Solving Important Business Challenges
Rob Fatland	Rob.Fatland@microsoft.com	Microsoft	Oceanography using the Layerscape research toolkit
Jose Blakeley	joseb@microsoft.com	Microsoft	Microsoft SQL Server Parallel Data Warehouse
Richard Russell	Richard.Russell@pnnl.gov	Northwest Institute for Advanced Computing	Northwest Institute for Advanced Computing
Richard Russell	Richard.Russell@pnnl.gov	Northwest Institute for Advanced Computing	First Tests of the Belle II Distributed Computing System
Richard Russell	Richard.Russell@pnnl.gov	Northwest Institute for Advanced Computing	Modeling Exacale Systems andApplications for Performance, Power and Reliability
Clara Fuchsman	cfuchsm1@u.washington.edu	Oceanography	Horizontal Gene Transfer between anaerobic and/or thermophilic bacteria and archaea
Myesa Legendre-Fixx	myesaf@uw.edu	Oceanography	Occurrence of Prochlorococcus Circadian Clock genes in environmental metagenomes
Jaclyn K Saunders	jaclynk@uw.edu	Oceanography	Marine Picocyanobacteria & arsenic toxicity: biogeochemical signals in environmental metagenomes
Vaughn Iverson	vsi@uw.edu	Oceanography	Untangling Genomes from Metagenomes: Revealing the Life Strategies of the Uncultured Majority
Diane Rico	dmrico@gmail.com	Oceanography	Is Genome Duplication an Adaptive Force in the Evolution of Diatoms?
Micaela S. Parker	micaela@uw.edu	Oceanography	Ocean discoveries: integrating large-scale sequence data from the lab and the environment
Anitra Ingalls	aingalls@uw.edu	Oceanography	Applications of proteomics and metabolomics to ocean biogeochemistry at the MMRC
Sophie Clayton	sclayton@uw.edu	Oceanography	SeaFlow: Phytoplankton Ecology Meets Big Data
Mark Stoermer	mstorm@uw.edu	Oceanography	OOI Regional Cabled Observatory - Poster1
Mark Stoermer	mstorm@uw.edu	Oceanography	OOI Regional Cabled Observatory - Poster2
Mark Stoermer	mstorm@uw.edu	Oceanography	OOI Regional Cabled Observatory - Poster3
Mark Stoermer	mstorm@uw.edu	Oceanography	OOI Regional Cabled Observatory - Poster4
Mark Stoermer	mstorm@uw.edu	Oceanography	OOI Regional Cabled Observatory - Poster5
Jinting Zhang	jtzhang@uw.edu	Oceanography	The Coherence of Atlantic Meridional Heat Transport in Climate Models
Mark Greaves	mark.greaves@pnnl.gov	Pacific Northwest National Laboratory	Analysis in Motion
Carrie Almquist	carrie.almquist@pnnl.gov	Pacific Northwest National Laboratory	Signature Discovery Initiative
James Kunert	kunert@uw.edu	Physics	Low-dimensional functionality of complex networks: Dynamical Modes in the C. elegans connectome
Paul DeStefano	pdestefa@uw.edu	Physics	Using large databases for precise long-baseline GP clock synchronization in neutrino physics
Nicholas Stramp	stramp@uw.edu	Political Science	Agenda Attention in U.S. States
Nicholas Stramp	stramp@uw.edu	Political Science	A Machine Learning Approach to Studying Policy Diffusion in State Legislatures
John Wilkerson	jwilker@uw.edu	Political Science	Using Gene Sequencing Methods to Trace Policy Ideas in Legislation
John Wilkerson	jwilker@uw.edu	Political Science	Legislative Explorer: A dynamic visualization tool
Kari Stephens	kstephen@uw.edu	Psychiatry & Behavioral Sciences	Data QUEST: Leveraging Electronic Health Record Data with Primary Care Partners to Improve Health
Jeff Munson	jeffmun@uw.edu	Psychiatry & Behavioral Sciences	Cognition in the absense of communication: Autism, data, and the behavioral recording studio
Michael Kellen	mike.kellen@sagebase.org	Sage Bionetworks	Synapse: A Platform for Collaborative Data Science
Stephanie Lee	syl3@uw.edu	Sociology	Political Polarization in Online Information Sources
Lynette Shaw	shawl@u.washington.edu	Sociology	Finding Culture in Data: Mental Representations and the Patterning of Social Behaviors
Michael Esposito	esposm2@uw.edu	Sociology	Education and health: an examination via Add Health and BART
Julia Morris	juliamm@uw.edu	Sociology	Developing a Scale to Visually Evaluate BMI from Twitter Profile Pictures
Amy Spring	afuhrman@uw.edu	Sociology	Spatial and Temporal Dimensions of Foreclosure Diffusion during the Great Recession
Walker Frahm	wfrahm@uw.edu	Sociology	Unpacking the Processes of Migrant Social Capital Diffusion
Nina Cesare	ninac2@uw.edu	Sociology	Examining Demographic Trends in Political Opinion on Twitter
Adrian Dobra	adobra@uw.edu	Statistics	Limiting the Morbidity and Mortality Due to HIV Using GPS and Cell Phone Records
Pawel Terlecki	pawel.terlecki@gmail.com	Tableau Software	Data Processing and Management in Tableau
Marina Alberti	malberti@u.washington.edu	Urban Design and Planning	Modeling Land Cover Change In Central Puget Sound
Marina Alberti	malberti@u.washington.edu	Urban Design and Planning	Carbon Signatures of Development Patterns along a Gradient of Urbanization
Chris Small	chsmall@uw.edu	UW Information Technology	Software Defined Networking at UW
Ian Cote	iancote@uw.edu	UW Information Technology	University of Washington Campus Research Network
Stephanie Wright	swright@uw.edu	UW Libraries	Got Data? UW Libraries: Not Just About Books