

Data Science & Interdisciplinary Teams Workshop 2018 – Agenda (updated 5/16)

Web: <https://soihub.org/news-and-events/calendar/workshop-introduction-to-data-science-interdisciplinary-research-teams/>

Center for Science of Information

Workshop Location: Lawson Computer Science Building, Room 3102, Purdue University

Dates May 21-25, 2018 (arrive on campus Sunday, May 20)

Day	Time	Session	Location	Comment
April 25- May 20	Pre-workshop online tutorials	1. Introduction to R for Data Science (Dr. Mark D. Ward) 2. Data Visualization (To Be Determined)	Intro to R: https://www.soihub.org/resources/learning-hub-main/course-modules/introduction-to-r-for-data-science/ Data Viz Intro video: https://youtu.be/Bq-b2yc0Tig Data Viz Intro slides: https://soihub.org/site/assets/files/6263/slides_introduction_to_data_visualization_vetria_byrd.pdf	Complete the Intro to R short-course prior to workshop (~16 hr. total) View the one hour Introduction to Data Visualization tutorial
Sunday May 20 Arrival	8pm	First Street Towers Orientation (University Requirement)	First Street Towers Dorm (see map on website, meals today are on your own)	Those arriving later will be given the short orientation at check-in
Monday May 21	7-8:30 am	Breakfast –Dining Card	Wiley Dining Court (see map on website)	Note: Wiley Dining court open 7-8:30am for breakfast.
	8:30am	Walk over to workshop with CSol Staff	15 minute walk from Wiley Dining to Lawson Computer Science	CSol Staff will meet you in Wiley Dining
	9-9:30am	Brief introductions, PAL login, Scholar server environment Recap online course	LWSN 3102 (see map on website)	Staff, Dr. Mark D. Ward, Student TA's
	9:30 – Noon	R for data analysis Session 1	LWSN 3102	Session led by Dr. Mark D. Ward, TA's available to assist
	Noon	Lunch – catered Teams Meet	LWSN Commons	Teams will meet during lunch
	1:00-3:00	R for data analysis Session 2	LWSN 3102	Session led by Dr. Mark D. Ward
	3 – 3:15	Break as needed, and help/individual questions	LWSN 3102	Note: TA's available to assist.
	3:15-5:00	R for data analysis Session 3	LWSN 3102	Session led by Dr. Mark D. Ward, TA's available to assist
	5-6:30	Dinner Team members dine	Wiley Dining Court	(Note Wiley Dining court open 5-6:30pm for dinner)

		together (Note Dining court open 5-6:30pm for dinner)		
	Evening	Teams Meet	First Street Towers or other location	Team members arrange to meet to discuss your project
Tuesday May 22	7-8:30 am	Breakfast	Wiley Dining Court	
	9:00-11:45	R for data analysis Session 4	LWSN 3102	Session led by Dr. Mark D. Ward, TA's available to assist
PHOTOS	11:45	Group Photo Team Photos	LWSN Entry way Steps	Kristyn Childres – follow Kristyn to location
	Noon – 1pm	Lunch – catered Teams meet during lunch	LWSN Commons	
	1:00-3:00	R for data analysis Session 5	LWSN 3102	Session led by Dr. Mark D. Ward, TA's available to assist
	3 – 3:15	Break as needed, and help/individual questions	LWSN 3102	Note: TA's are available to assist.
	3:15-5:00	R for data analysis Session 6/Teams Work on Projects	LWSN 3102	Session led by Dr. Mark D. Ward, TA's available to assist
	(open 5-6:30 dinner)	Dinner Team members dine together	Wiley Dining Court	
	Evening	Teams Meet	First Street Towers or other location	Team members arrange to meet to work on your project
				View the data visualization tutorial prior to tomorrow morning session https://youtu.be/Bq-b2yc0Tig
Wednesday May 23	7-8:30 am	Breakfast	Wiley Dining Dining Court	
	9:00	Data Visualization Session	LWSN 3102	Dr. Tsai-Wei Wu, Data Visualization Specialist at Purdue will lead this session using the tool ParaView
	10:00	Professional Development Session	LWSN 3102	Dr. Carolyn Johnson will lead this session
	11:00	Break	Break	
	11:15	Travel Reimbursement Info and Questions	LWSN 3102	Robynne McCormick will provide paperwork and answer any questions
	11:30-Noon	Navigating Academia discussion	LWSN 3102	Kelly Andronicos will orient/facilitate: Postdocs and Grad students discuss

				their own experiences and share lessons learned and advice.
	Noon	Lunch	LWSN Commons	
	1-5pm	Teams work on projects and/or additional data science tutorials	LWSN 3102	Dr. Mark D. Ward, TA's available to assist
	(open 5-6:30pm dinner)	Team members dine together	Wiley Dining Court	
	Evening	Teams Meet	First Street Towers or other location	Team members arrange to meet to work on your project
Thursday May 24	7-8:30 am	Breakfast	Wiley Dining Court	
	9:00-12	Teams work on projects	LWSN 3102	Dr. Ward, and TA's available to assist.
	Noon – 1	Lunch – catered Teams meet during lunch	LWSN Commons	
	1-5	Teams work on projects	LWSN 3102	Dr. Ward, TA's available to assist.
	Evening (open 5-6:30 dinner)	Dinner Team members dine together	Wiley Dining Court	
	Evening	Teams Meet	First Street Towers or other location	Team members arrange to meet to work on your project
Friday May 25	7-8:30 am	Breakfast	Wiley Dining Court	Wiley Dining will be open for all meals today.
	9:30-11	Team Presentations (recommend 10 slides or fewer)	LWSN 3102 Team order for presentations will be alphabetical Project A first, and ending with Project F. (see last page)	Teams will give 10min presentations with up to additional 5 min for questions/discussion
	11	Wrap Up, Potential Grant Projects, Evaluation	LWSN 3102	Brent Ladd – Team Grants, Evaluations Workshop ends
	Noon	Lunch available	Wiley Dining Court	Check out of First Street Towers for those leaving today
	5-6:30pm	Dinner available	Wiley Dining Court	
Saturday May 26	Travel day for those staying	All Meals are on your	Dining Court is closed	Restaurants available at Purdue West two blocks west of First

	Friday Evening	own today		Street Towers, or a 15minute walk east along State Street to the Chuancey Village
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Team Project Titles and Members:

(L = project lead)

Teams will present in this order on Friday morning

Project A: The Polarization of Information on the Web

Members: Charles Dickens (L), Crystal Cook, Ram Hari Dahal, Prajjwal Dangal, Pamela Thomas

Project B: Data Shadows – Exploring Personal Data

Members: Madi Whitman (L), Ying Chen, Jacqueline Joseph, Jermaine Marshall, Elham Monfareedi

Project C: Changes in Forest Communities of the Eastern United States

Members: Jonathan Knott (L), Abdullah Almutairi, Utsab Khakurel, Chathurangi Pathiravasan

Project D: The Estimation of Surface Heat Fluxes Using Weather Station Data

Members: Elahe Tajfar (L), Adebukola Dada, Trenton Ford, Mohammadreza Hashemi

Project E: The Role of Migrants in Building City Resilience for Emergency Response and Disaster Risk Reduction.

Members: Szymon Parznieweski (L), Andy Jolly, Anh Nguyen, Ashim Paudel

Project F: Towards Cyber-Physical Vetting in Critical Infrastructures

Members: Zhen Li (L), Dinuka Gallaba, Jan Moffett, MyVan Vo