Eric Pitman Summer Workshop in Computational Science 2018

Day	9:30 AM-12:00 noon	12:00 noon	1:00-3:30 PM
Monday 25 June	Introduction (Dr. Furlani, Dr. Pitman); Tour of CCR Machine and Viz Rooms (Dr. Matott, Mr. Levesque)	Lunch (B1-307)	Presentation: "Introduction to Statistics" (1 pm: Dr. Pitman) HubZero and RStudio; Set up HubZero accounts
Tuesday 26 June	**Intro to R: Command line and variables**	Lunch (B1-307)	Tour: Roswell Clinical Radiation Facility (1:15 pm: Dr. Nazareth, Dr. Prasad)
Wednesday 27 June	**Intro to R: Data structures** Presentation: "Graphs, Genes and Materials; or How to Find the Micro-structure" (11 am: Dr. Zola)	Lunch (B1-307)	Tour: Buffalo Manufacturing Works 2:15 pm
Thursday 28 June	**Intro to R: Descriptive Statistics;** Presentation: "Chemistry Under Pressure" (11 am: Dr. Zurek)	Lunch (B1-307)	Problem set work, regroup, and review. Tour of CTRC (2 pm: Ms. Smith)
Friday 29 June	**Intro to R: Writing Functions;** Presentation: "Introducing Materials Science" (11 am: Dr. Rajan)	Lunch (B1-307)	Presentation: "Materials Science Project Datasets" (1:00 pm: Dr. Broderick); Problem set work, regroup, and review.
Monday 2 July	**Intro to R: Visualizing Datasets**; Presentation: "Superconducting Materials and their Applications" (11:00 am: Dr. Jia)	Lunch (B1-307)	Problem set work, regroup, and review; **Project**
Tuesday 3 July	**Project** Presentation: "Geodynamics Modeling" (11 am; Dr. Jadamec)	Lunch (B1-307)	**Project** Presentation: "Machine Learning and Astrophysics" (2:00 pm; Dr. Kinney)
Wednesday 4 July	No meeting—holiday		
Thursday 5 July	**Project**	Lunch (B1-307)	Project and Presentation Prep. Run-throughs: Bruce Holm Commons (1-3:30 pm)
Friday 6 July	**9:30 AM-11:30 AM** Student presentations, Bruce Holm Commons*; Reception (B1-306) follows		

Base location for summer workshop: Center for Computational Research, B1-153, 701 Ellicott St, Buffalo, NY 14203. Final presentations: Bruce Holm Commons, 2nd Floor, 701 Ellicott St, Buffalo, NY 14203.