Eric Pitman Summer Workshop in Computational Science 2019

Day	9:30 AM-12:00 noon	12:00 noon	1:00-3:30 PM
Monday 1 July	Introduction (Mr. Gallo, Dr. Pitman); Tour of CCR Machine and Viz Rooms (Dr. Jones, Mr. Levesque)	Lunch (B1-307)	Presentation: "Introduction to Statistics" (1 pm: Dr. Pitman) HubZero and RStudio; Set up HUBzero accounts
Tuesday 2 July	**Intro to R: Command line and variables**	Lunch (B1-307)	Presentation: "Superconducting Materials and their Applications" (2:00 pm: Dr. Jia)
Wednesday 3 July	**Intro to R: Data structures** Presentation: "On fertilizers, explosives, and how relativity starts your car" (11 am: Dr. Autschbach)	Lunch (B1-307)	Problem set work, review. Tour of UB CTRC (2 pm: Ms. Smith)
Thursday 4 July	**No meeting—holiday**		
Friday 5 July	**Intro to R: Descriptive Statistics;** Presentation: "Introducing Materials Science" (11 am: Dr. Rajan)	Lunch (B1-307)	Problem set work, review. Presentation: "Annotating the Regulatory Genome" (2 pm: Dr. Halfon)
Monday 8 July	**Intro to R: Writing Functions;** Presentation: "Chemistry Under Pressure" (11 am: Dr. Zurek)	Lunch (B1-307)	Presentation: "Materials Science Project Datasets" (1:00 pm: Dr. Broderick); Problem set work, review.
Tuesday 9 July	**Intro to R: Visualizing Datasets**; Problem set work, review. **Project**	Lunch (B1-307)	**Project** Presentation: "How many bananas is a trans-Atlantic flight: Why nuclear power won't kill you" (2:00 pm; Dr. Rappoccio)
Wednesday 10 July	**Project**	Lunch (B1-307)	Tour: Roswell Radiation Therapy department (1:15, Dr. Nazareth)
Thursday 11 July	**Project** Presentation: "Geodynamics Modeling" (11 am; Dr. Jadamec)	Lunch (B1-307)	Project and Presentation Preparation. Run-throughs: Bruce Holm Commons (1-3:30 pm)
Friday 12 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.