2017 Biostatistics and Informatics Seminar Series

• 2/1/2017 Journal Club: Brandie Wagner - "Calling BS in the Age of Big Data". Discussion of the syllabus for a new course at University of Washington. The aim of this course is to teach people how to think critically about the data and models that constitute evidence in the social and natural sciences.

• 2/8/2017 Seminar: Emanuele Giorgi - University of Lancaster - "Disease mapping and visualization using data from spatio-temporally referenced prevalence surveys."

• 2/15/2017 Seminar: Laura Wiley, PhD - Division of Biomedical Informatics and Personalized Medicine - "Precision Medicine and the Learning Healthcare System: Leveraging Informatics to Improve Care."

• 3/1/2017 Faculty Candidate Seminar: Ayush Goyal, PhD - Texas A&M University - "Multi-scale Filtering and Fuzzy Clustering for Segmentation and 3-D Reconstruction from Medical Images."

• 3/14/2017 Faculty Candidate Seminar: David Astling - University of Colorado - "Bioinformatic Approaches for Exploring Molecular Immune Responses."

• 3/8/2017 Faculty Candidate Seminar: Fyong Xing, MS, University of Florida - "High-throughput Biomedical Image Computing for Digital Health."

• 3/16/2017 Seminar: Keith Baggerly, PhD - Department of Bioinformatics and Computational Biology, MD Anderson Cancer Center, University of Texas - "Vitamin D, Recommendations, Reproducibility, and Controversy."

• 3/22/2017 - Spring Break

• 3/29/2017 Seminar: Damian Wandler, PhD, Oracle – “Data Science...What Is It and Why Industry Likes It”

• 4/5/2017 Seminar: Paul Rathouz, PhD, University of Wisconsin-Madison – “Semiparametric Generalized Linear Models: Updates and Recent Results”

• 4/12/2017 Seminar: Larry Hunter, PhD – Dept of Pharmacology – “Ethics of Data Science”

• 4/19/2017 Cancelled in Lieu of ASA Co/Wy meeting

• 4/26/2017 Seminar: Matthew Mulvahill, MS - “Introduction to GIT and Version Control in the Statistical Workflow”

• 5/3/2017 Biostatistics Student Association (BSA) sponsored topic – “Resume/CV workshop”
• 5/4/2017 Seminar: Kathryn Colborn, PhD – “Predicting Future Chronic Opioid Use in Imbalanced Data”

• 5/10/2017 Junior faculty mentoring sponsored topic. “Social Media for Statisticians”

• 5/11/2017 Faculty Candidate Seminar: Haitao Pan, PhD, University of Texas – “Novel Bayesian Designs for Phase I Clinical Trials”

• 5/15/2017 Faculty Candidate Seminar: Noorie Hyun, PhD - National Cancer Institute- "Risk Prediction models for Left- or Interval- Censored Data From Electronic Health Records"

• 5/17/2017 Faculty Candidate Seminar: Fan Yang, PhD, University of Chicago- "Using Survival Information in Truncation by Death Problems without the Monotonicity Assumption"

• 5/24/2017 Faculty Candidate Seminar: Alexander Kaiser, PhD, University of Minnesota - "Platform Design for Emerging Infectious Disease"

• 8/30/2017 Fall Social

• 9/6/2017 Journal Club: Debashis Ghosh and John Kittelson- “Redefining Statistical Significance”

• 9/7/2017 Faculty Candidate Seminar: Ron Schuyler, PhD- "Factoring Epigenomes Across the Hematopoietic System and its Cancers"

• 9/7/2017 Seminar: Chris Gignoux, PhD, Colorado Center for Personalized Medicine - "Leveraging Population Structure in the Investigation of the Genetic Architecture of Complex Traits"

• 9/13/2017 Seminar: Seth Russell, D2V Analytics Core- "CU Anschutz Data Science Tour: From D2V to KDD"

• 9/19/2017 Seminar: Larry Hunter, PhD, Director of Computational Bioscience Program- "Artificial Intelligence and Medicine"

• 9/20/2017 Seminar: Alex Kaiser, PhD - "A Multi-source Adaptive Platform Design for Emerging Infectious Diseases"

• 9/26/2017 Seminar: Raphael Gottardo, PhD, Fred Hutchinson Cancer Center- "Leveraging Novel Assay Technologies and High-Dimensional Analyses to Better Characterize Immune Responses"
• 10/4/2017 Seminar: **John Rice, PhD** - "Coarsened, Missing, and Incomplete Data: Some Recent Problems (and Solutions)"

• 10/18/2017 Seminar: **Naitee Ting, PhD**, Boehringer Ingelheim Pharmaceuticals, Inc- "Design of Dose-Response Clinical Trials"

• 11/1/2017 Seminar: **Katerina Kechris, PhD** - “Scientific Writing and Tips for Effective Written Communication Including Style, Organization, and Good Practices”

• 11/8/2017 Biostatistics Student Association (BSA) sponsored topic **Katie Brumfield**, CSPH Career Services Specialist- "CV and Online Presence"

• 11/11/2017 Seminar: **Annalisa Piccorelli, PhD**, University of Wyoming- “Joint Modeling of the relationship between Longitudinal and Survival Data subject to both Left Truncation and Right Censoring with Application to Cystic Fibrosis”

• 11/13/2017 Faculty Candidate Seminar: **Yan XU, PhD**- "Cell Transcriptomics for Study of Pulmonary Development and Disease"

• 11/15/2017 Seminar: **Pratyaydipta Rudra, PhD**- "Many Dimensions and Many Correlations: Statistical Challenges in the Analysis of Modern Biological Data"

• 11/29/2017 Seminar: **Matt Rioth**, Division of Biomedical Informatics and Personalized Medicine

• 12/6/2017 Junior faculty mentoring sponsored topic. **Diane Fairclough** and **Miranda Kroehl** - "Developing your Elevator Speech"