

ACMS 2019 Pre-Conference Workshop: R Statistical Package

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Ott Hall 155
May 29, 2019

Topic	Time	Lead
1. Introductions and Background	9:00am - 9:15am	Ryan
2. Introduction to R Studio Environment	9:15am - 9:30am	Ryan
3. Projects and Working Directories	9:30am - 9:45am	Judith
4. Introduction to R Markdown and Reproducible Documentation	9:45am - 10:15am	Judith
Break	10:15am - 10:30am	
5. Data Visualization and functions/arguments (base)	10:30am - 11:00am	Ryan
6. Data Visualization (ggplot2) (what is a package)	11:00am - 11:30am	Judith
7. Statistical Inference (t-test, regression, correlation)	11:30am - 12:00pm	Ryan
Lunch	12:00pm - 1:00pm	
8. Pedagogy for R Programming (ways of integration, students using R in class, group work, examples, assignments, support)	1:00pm - 1:45pm	All
9. Packages and Help for Learning (e.g., mosaic, ggformula, infer?) How to choose when	1:45pm - 2:15pm	Judith
Break	2:15pm - 2:30pm	
10. Dealing with Untidy Data	2:30pm - 3:00pm	Ryan / Judith
11. Bringing it all together - Project Conclude with: formulating question to ask of data, answer it as a group and present a one slide visualization of the answer.	3:00pm - 4:00pm	All

ACMS 2019 Pre-Conference Workshop: Early Career Faculty and Graduate Students

Greg Crow, Lori Carter, Catherine Crockett, Matt DeLong, Derek Schurrman, Amanda Harsy Ramsey
Ott Hall 157
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- 9:00-9:30 Session 1: Setting the Context (Maria Zack)
- Intros/goals
 - What we know about faculty life
 - The three pillars: Teaching, Scholarship and Service
 - Institutional mission
 - Things to consider when building a career
- 9:30-10:30 Session 2: Teaching and Learning (Matt DeLong)
- Becoming a skilled teacher
 - Documenting your progress
 - Scholarship of Teaching and Learning
- 10:30-11:00 Break
- 11:00-12:00 Session 3: Research Models
- Boyer's types of scholarship (Maria Zack)
 - What schools are seeking (Maria Zack)
 - Models for finding new partnerships (Lori Cater and Catherine Crockett)
 - Creative ways to involve students (Lori Cater and Catherine Crockett)
- 12:00-1:00 Lunch
- 1:00-1:45 Session 4: Faith Integration/Faith Connections (Derek Schuurman)
- The essay needed for promotion
 - Using this as an area of scholarship
- 1:45-2:30 Session 5: Promotion and Tenure (Greg Crow)
- Systems
 - Gathering evidence
 - Things to consider
 - The three pillars
 - Teaching
 - Scholarship
 - Service
- 2:30-2:40 Writing notes to ourselves (Maria Zack)
- 2:40-3:00 Break
- 3:00-4:00 Session 6: The Job Search (Amanda Harsy Ramsey + others)