



WOMEN IN DATA SCIENCE EAST LANSING @ MSU



AGENDA
APRIL 12, 2019

Registration: Tables by NS128 entrance
All Talks: NS128
Posters: NS145; **Lunch:** NS150

11:15–11:30am

DOORS OPEN & REGISTRATION

11:30–11:35am

WELCOME, OVERVIEW OF RLEL &
DATA SCIENCE IN MSU

DR. JANANI RAVI, Pathobiology & Diagnostic Investigation
CAMILLE ARCHER, Institute for Cyber-Enabled Research

11:35–11:40am

WIDS STANFORD
INTRODUCTORY VIDEO

WIDS, STANFORD

11:40–12:00pm

LIGHTNING TALKS A

12:00–1:00pm

LUNCH & POSTER SESSION

1:00–1:30pm

KEYNOTE #1

**TWO DECADES OF GEONOMICS & BIOINFORMATICS:
A REVOLUTION IN TECHNOLOGIES AND CULTURE**

DR. ROBIN BUELL, MSU Foundation Professor, Plant Biology

1:30–2:30pm

LIGHTNING TALKS

2:30–3:00pm

TECHNICAL VISION TALKS

MEASURING THE SHAPE OF DATA WITH TOPOLOGY

DR. ELIZABETH MUNCH, Computational Math, Science & EGR

**UNRAVELING THE COMPLEX IMPACTS OF
CLIMATE CHANGE**

DR. JULIE WINKLER, Geography

3:00–3:15pm

COFFEE BREAK AND NETWORKING
PANEL: WOMEN IN DATA SCIENCE

3:15–4:00pm

DR. SONJA FRITZSCHE, German Studies
DR. YUE QI, Chemical Engineering & Material Science
DR. ASHLEY SHADE, Microbiology & Molecular Genetics
DR. ANGELA WILSON, Chemistry

KENOTE #2 (virtual)

WHAT THEY FORGOT TO TEACH YOU ABOUT R

DR. JENNY BRYAN, University of British Columbia & RStudio

4:00–4:45pm

CLOSING REMARKS

RLEL ORGANIZERS

DR. JANANI RAVI, Pathobiology & Diagnostic Investigation
CAMILLE ARCHER, Institute for Cyber-Enabled Research

4:45pm

LIGHTNING TALKS A

11:40AM–12:00PM

ANNA YANNAKOPOULOUS

Computational Math, Science & Engineering (CMSE)

MELISSA DALE

Computer Science (CSE)

MORGAN ONEKA, University of Michigan

Computational Medicine & Bioinformatics (CMB)

LIGHTNING TALKS B

1:30PM–2:30PM

JANE PAYUMO

MSU AgBioResearch

KAYLA JOHNSON

Biochemistry & Molecular Biology (BMB),

Computational Math, Science & Engineering (CMSE)

RAKA MANDAL

Statistics & Probability

SARAH TYMOCHKO

Computational Math, Science & Engineering (CMSE)

MORGAN PATTERSON

Analytics & Data Solutions

JESSIE MICALLEF

Physics, Computational Math, Science & Engineering (CMSE)

MONIQUE NOEL

Chemistry

FATIMAH ALSHAHRANI

Statistics & Probability

NAZLI UYGUN

Measurement & Quantitative Methods

POSTERS

12:00PM–1:00PM

ANNA YANNAKOPOULOUS

Computational Math, Science & Engineering (CMSE)

MELISSA DALE

Computer Science (CSE)

MORGAN ONEKA, University of Michigan

Computational Medicine & Bioinformatics (CMB)

RAKA MANDAL

Statistics & Probability

SARAH TYMOCHKO

Computational Math, Science & Engineering (CMSE)

NAZLI UYGUN

Measurement & Quantitative Methods

SARAH BEETHAM, University of Michigan

Mechanical Engineering

SARAH GOODWIN

Human Development & Family Studies (HDFS)

Dr. ELIZABETH LAPENSEE

Media & Information, Writing, Rhetoric & American Culture

LAUREN SOSINSKI

Pathobiology & Diagnostic Investigations (PDI)

BRIANA TO

Physiology & College of Osteopathic Medicine

PHOEBE TUYISHIME

Food Science & Human Nutrition

QIQIGE WUYUN

Computer Science (CSE)



Digital Humanities
MICHIGAN STATE UNIVERSITY