# WOMEN IN DATA SCIENCE
## GREATER LAFAYETTE @PURDUE

# CONFERENCE SCHEDULE
# March 4, 2019

**8:00** BREAKFAST & REGISTRATION (MRGN 121)

**9:00** OPENING REMARKS & WELCOME ADDRESS (MRGN 121)
Opening Remarks
Annapurni Subramaniam, Administrator of Library Enterprise Applications, Purdue University Libraries and School of Information Studies.
Welcome Address
Dr. Sunil Prabhakar, Director of the Integrative Data Science Initiative (IDSI), Professor of Computer Science, Purdue University.

**9:15** KEYNOTE ADDRESS (MRGN 121)
Essential machine learning hacks that everyone should know about
Dr. Jennifer Neville, Miller Family Chair and Associate Professor of Computer Science and Statistics, Purdue University.

**9:50** TALK (MRGN 121)
An efficient statistical method to construct genome-wide gene regulatory networks
Dr. Min Zhang, Professor of Statistics, Purdue University.

**10:20** COFFEE BREAK (MRGN CAFÉ)

**10:35** TALK (MRGN 121)
An introduction to Single-Cell RNS-Seq
Dr. Nadia Lanman, Research Assistant Professor, Department of Comparative Pathobiology and Manager of the Purdue Collaborative Core for Cancer Bioinformation (C³B), Purdue University Center of Cancer Research.

**11:10** TALK (MRGN 121)
Revealing algal metabolic diversity through next-gen and third-gen sequencing technology.
Dr. Jennifer Wisecaver, Assistant Professor of Biochemistry and Center for Plant Biology, Purdue University.

**11:45** LUNCH & TABLE DISCUSSIONS (MRGN CAFÉ)
**12:00**
LIVE-STREAM OF STANFORD WIDS (MRGN 121)

**12:55** TALK (MRGN 121)
Social Justice & Data Science: Rethinking Participatory & Community Technology
Dr. Kendall Roark, Assistant Professor of Library Science, Purdue University Libraries & School of Information Studies.

**1:30** TALK (MRGN 121)
Geographic Information for Data Science Research
Dr. Nicole Kong, Associate Professor of Library Science, Geographic Information Systems (GIS) Specialist, Purdue University Libraries & School

**2:05** TALK (MRGN 121)
Promises and Possibilities of Data Science
Anisha Singhal, Co-Founder, thoughtAnalytik

**2:15** WORKSHOP (MRGN 129) – CAPACITY 35
Data Visualization using Paraview Tool
Dr. Tsai-Wei Wu, Data Visualization Specialist, Research Computing, Purdue University.

**2:40** TALK (MRGN 121)
Understanding the Effect of Accuracy on Trust in Machine Learning Models
Dr. Ming Yin, Assistant Professor of Computer Science, Purdue University.

**3:15** COFFEE BREAK (MRGN CAFÉ)

**3:30** TALK (MRGN 121)
AI for Software and Software for AI
Dr. Lin Tan, Associate Professor of Computer Science, Purdue University.

**4:05** PANEL DISCUSSION (MRGN 121)
Data Ethics
Moderator
Dimple Dhawan, Senior, Computer Science, Purdue University.
Panelists
Dr. Melba Crawford, Associate Dean of Engineering for Research, Professor of Agronomy, Civil Engineering and Electrical and Computer Engineering, Purdue University.
Dr. Jyothi Thimmapuram, Bioinformatics Core Director, Purdue University.
Joanna Grama, Senior Consultant, Vantage Technology Consulting Group.
Dr. Jennifer Neville, Miller Family Chair and Associate Professor of Computer Science and Statistics, Purdue University.

**4:30** WRAP-UP & NETWORKING RECEPTION (MRGN CAFÉ)
POSTER PRESENTATIONS (12-1 PM) DISPLAY ALL DAY – (MANN ATRIUM) CAPACITY 30

Speaker bios available online at http://go.lib.purdue.edu/widsspeakers

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