



WOMEN IN DATA SCIENCE

GREATER LAFAYETTE @PURDUE

CONFERENCE SCHEDULE

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

9:00 **OPENING REMARKS &
WELCOME ADDRESS (MRGN 121)**
Opening Remarks
Anna 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)**

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 Bioinformatics
(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)**

**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
of Information Studies.

2:05 **TALK (MRGN 121)**

Promises and Possibilities of Data Science

Anisha Singhal, Co-Founder, thoughtAnalytik



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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 **NETWORKING RECEPTION
(MRGN CAFÉ)**

**POSTER PRESENTATIONS –
(MANN ATRIUM) CAPACITY 30**

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Integrative Data Science Initiative

