

# STEM Workshop Schedule – Spring 2018

## (A) AI Workshop Series

Apr 18 (Wednesday) 12-1pm, Room 4218

**“Python Libraries” for Machine Learning**

Nirvair Singh & Konstantin Kalaitzidis (STEM Center)

Apr 25 (Wednesday) 12-1pm, Room 4218

**“R Libraries” for Machine Learning**

Paul Hayter & Konstantin Kalaitzidis (STEM Center)

May 2 (Wednesday) 12-1pm, Room 4218

**Algorithmic Libraries” for Machine Learning**

Konstantin Kalaitzidis (STEM Center)

May 9 (Wednesday) 12-1pm, Room 4218

**Algorithm Design” for Machine Learning**

Joanna Lankester (STEM Center)

May 16 (Wednesday) 12-1pm, Room 4218

**Linear Algebra” for Machine Learning**

Daniel Nghiem (Math Faculty) & Konstantin Kalaitzidis (STEM Center)

May 23 (Wednesday) 12-1pm, Room 4218

**“Discrete Math” for Machine Learning**

Eric Steger & Konstantin Kalaitzidis (STEM Center)

May 30 (Wednesday) 12-1pm, Room 4218

**“Numerical Analysis” for Machine Learning**

Anna Hawes (Eng/Math Faculty) & Konstantin Kalaitzidis (STEM Center)

## (B) Statistics Analysis Using R Software Series

May 3 (Thursday) 12-1pm, Room 4218

**Installing R and RStudio**

Nathaniel Cooper (STEM Center)

May 10 (Thursday) 12-1pm, Room 4218

**Exploratory Data Analyses in R**

Nathaniel Cooper (STEM Center)

May 17 (Thursday) 12-1pm, Room 4218

**Hypothesis Testing – T-test, Chi-Square-test**

Nathaniel Cooper (STEM Center)

May 24 (Thursday) 12-1pm, Room 4218

**Correlation and Regression**

Nathaniel Cooper (STEM Center)

May 31 (Thursday) 12-1pm, Room 4218

**Population Simulations**

Nathaniel Cooper (STEM Center)

## **(C) Financial Aid Workshop Series**

No financial Aid workshop for the Spring quarter. The majority of scholarships have closed. Come back in Fall 2018!

## **(D) Life Sciences Series**

April 27 (Friday) 1:30pm-2:30pm, Room 4502

**Is Eradicating Malaria Possible? – Come Meet “CRISPR”, A Revolutionary DNA Editing Tool**

Karen Erickson & Neha Arora (Biology Instructors)

## **(E) Philosophy and Social Sciences**

April 17 (Tuesday) 12-1pm, Room 4218

**The Significance of Symbolic logic in STEM: An art of Analysis**

Mona Rawal (Philosophy Dept)

June 12 (Tuesday) 12-1pm, Room 4502

**Ethics in STEM**

Mona Rawal & David Hoekenga (Philosophy Department)

## **(F) Psychological Service and Counseling**

**Communicate 101 – Skills and Strategies for effective, calm and meaningful communications**

Alexis Donato (Psychological Services)

May 30 (Wednesday) 1:30-2:30pm, Room 4218

**Exam Stress Buster – How to prepare for Finals?**

Alexis Donato (Psychological Services)

June 6 (Wednesday) 1:30-2:30pm, Room 4218

## **(F) Other Supports and Services**

**Calculator Workshops – How to Use Your Graphing Calculator**

Lane Johnson (STEM Center)

Monday 4/16, 3pm; Wednesday 4/18, 10am; Wednesday 4/25, 2pm

Room 4201

**Learning How to Learn**

Kathleen Duncan (STEM Center)

April 26 (Thursday) 12-1pm. Room 4218

## **(G) Fun Exploration!**

April 27 (Friday) 12-1pm, room 4218

**What is in a Microwave**

Mike McCusker (STEM Center)

May 3 (Thursday) 1-2pm, Room 4218

**S.V. Tartakover: Forgotten Genius**

Eric Steger (STEM Center)

June 22 (Friday) 1-2pm, Room 4213, 4218

**Spring STEM Showcase**

STEM Center

Check back often. Additional Workshops will be added later!