

The project titles and teams presenting at 11:30 continued:

- ✚ Team: Matei Armanasu and Ben Trowbridge  
Title: Strengthening the Romanian Women's Tennis Team
- ✚ Team: Kyle Choi and Hunter Dean  
Title: Patrol Officer Scheduling for the UWPD
- ✚ Team: Tianning Li, Yile Tan, and Yajing Zhou  
Title: Shift Scheduling at UW Dining – Local Point
- ✚ Team: Austin Nguyen and Matthew Xu  
Title: Assigning Staff Across InterVarsity Chapters
- ✚ Team: YuanSheng Lyu and Yiyang Wang  
Title: Predicting Demand for PackAll Products
- ✚ Team: Linni Cai and Yanmeng (Anny) Kong  
Title: Scheduling Summer Math Courses
- ✚ Team: Kamden Chew and Chu Qiao (Max) Zheng  
Title: Mixing a Winning Canoe for the UW Concrete Canoe Club

# MATH 381 POSTER SESSION

**DISCRETE MATHEMATICAL MODELING  
AT THE UNIVERSITY OF WASHINGTON**



**DECEMBER 5, 2018  
STUDENT PRESENTATIONS FROM 10:30 AM—12:30PM**

**WE GRATEFULLY ACKNOWLEDGE SUPPORT PROVIDED BY  
MARK BENNET, TIMOTHY LU, KATHRYN PURSCH CORNFORTH,  
THE CARLSON LEADERSHIP AND PUBLIC SERVICE CENTER,  
THE DEPARTMENT OF MATHEMATICS,  
THE RAINWATER FACULTY FELLOWSHIP,  
AND OUR WONDERFUL COMMUNITY PARTNERS!**

**SMITH ROOM  
SUZZALLO LIBRARY**

**HOSTED BY PROF. SARA BILLEY  
AND NICO COURTS**

The project titles and teams presenting at 10:30 are as follows:

- Team: Reva Kane, Nhi Ngo and Wenjun Yang  
Title: Weekly Instructors Assignment for Coding with Kids
- Team: Cosmo Wang and Feiyang Liu  
Title: Staff Scheduling for UW Dining Hall Center Table
- Team: Liyuan Tang, Long Kim Tran, and You Sen Wang  
Title: Tutoring Schedule for Statistics Study Center
- Team: Alexander Schultz and Na Shi  
Title: Dynamic Scheduling with Demand Volume Prediction
- Team: Sasha Krassovsky, Jongseung John Lim, and Andrey Ryabtsev  
Title: Optimizing the Robotics Closet
- Team: Yanyan Guan and Peicheng Wang  
Title: Management of Forest Fire Prevention Equipment
- Team: Aman Arya, Beomjun (Aaron) Bae, and Pooja Ramanathan  
Title: Recruiting for Unite UW
- Team: Gabriel Menescal, Taylor Merry, and Justin Ngo  
Title: Activity Recommendations for Overall Well-Being
- Team: Aashray Anand, Timothy Lu, and Archana Simha  
Title: Allocation of Resources for the Washington State Opportunity Scholarship Program
- Team: Emma Deng and Chuxuan (Lydia) Sun  
Title: Exchange Strategies in Book Sharing Systems
- Team: Jang Ho Cho and Zoheb Siddiqui  
Title: Profit optimization for Rain Factory

The project titles and teams presenting at 11:30 are as follows:

- Team: Kaitlyn Arlt, Elizabeth McKinnie, and Jierui (Jaron) Wang  
Title: TA Scheduling for UW: Introductory Programming Lab
- Team: Yutong Li, Dengxian (Dara) Yang, and Jiarun (Silvia) Zhang  
Title: Event pricing for Foundation for International Understanding Through Students
- Team: Yitian Cai and Mingzhong (Anthony) Deng  
Title: Scheduling the Food Delivery Route for Solid Ground
- Team: Jong Tai Kim, Kevin Tran, and Yeojun Yoon  
Title: Effectively Scheduling Appointments for Hall Health's Mental Health Clinic
- Team: Weifan Jiang and Chongyi Xu  
Title: Optimization of Assignments for Teaching Assistants at UW
- Team: AJ Carty, Saagar Saini, Dorothy Truong  
Title: Minimizing Food Expenses for Husky Football Team
- Team: Leonhardsen Chandra and David Northup  
Title: Advising International Students at Shoreline Community College
- Team: Brian Davey and Aric Liu  
Title: Inventory Modeling for Seattle E-Bike
- Team: Hongyu Cao and Christina Stanfield  
Title: Optimizing Study Space at Odegaard Library

(continued on back page)