

Summer School on Green Chemistry and Sustainable Energy
Colorado School of Mines
July 16-23, 2019
Brown W-280

Daily Schedule

Tuesday, July 16

- 10:00 AM-5:00 PM Check in
Maple Hall Lobby
- 7:00 PM Opening BBQ
Stratton Commons (Illinois Street between 14th and 15th Streets)

Wednesday, July 17

- 7:30-8:30 AM Breakfast, Mines Market
- 9:00 AM Welcome and Introductions
Green Chemistry: Principles and Practice
Mary Kirchhoff, American Chemical Society
- 10:30 AM Break
- 11:00 AM Greening Fossil Fuels
Joan Brennecke, University of Texas at Austin
- 12:30 PM Lunch, Mines Market
- 1:30 PM Systems Thinking in Chemistry: Part I
Jim Hutchison, University of Oregon
- 3:00 PM Break
- 3:30 PM Building Your Own Business, Part I: From Green Science to
Green Innovation
Eric Beckman, University of Pittsburgh
- 5:00-6:30 PM Dinner, Mines Market

Thursday, July 18

- 7:30-8:30 AM Breakfast, Mines Market
- 9:00 AM Choosing the Greenest Synthesis
Philip Jessop, Queen's University
- 10:30 AM Break
- 11:00 AM Systems Thinking in Chemistry: Part II
Jim Hutchison, University of Oregon
- 12:30 PM Lunch, Mines Market
- 1:30 PM Building Your Own Business, Part II: Building the Enterprise
Eric Beckman, University of Pittsburgh
- 3:00 PM Break
- 3:30 PM Sustainable and Green Chemistry by Design
David Constable, ACS Green Chemistry Institute
- 5:00-6:30 PM Dinner, Mines Market
- 7:30 PM Poster Session I
Coolbaugh Hall Atrium

Friday, July 19

- 7:30-8:30 AM Breakfast, Mines Market
- 9:00 AM A Day in the Life of a Green Chemist: Application of Green
Chemistry in the Pharmaceutical Industry
Dan Richter, Pfizer
- 10:30 AM Break
- 11:00 AM Solar Cells
Emily Warren, National Renewable Energy Laboratory
- 12:30 PM Lunch, Mines Market
- 1:30 PM Greener Solvents
Philip Jessop, Queen's University
- 3:00 PM Break

3:30 PM	Choosing the Greenest Synthesis Working Session
5:00-6:30 PM	Dinner, Mines Market
7:30 PM	Poster Session II Coolbaugh Hall Atrium
Saturday, July 20	Rafting!
Sunday, July 21	
7:30-8:30 AM	Breakfast, Mines Market
9:00 AM	LCA Reporting Out
10:30 AM	Break
11:00 AM	Writing Competitive Research Grant Proposals Nancy Jensen, ACS Petroleum Research Fund
12:30 PM	Lunch, Mines Market
1:30 PM	Greening Your Research – Practical Tools You Can Use Now David Constable, ACS Green Chemistry Institute
3:00 PM	Break
3:30 PM	ACS Resources for Graduate Students and Postdoctoral Scholars Natalia Martin
5:00-6:30 PM	Dinner, Mines Market
Monday, July 22	ROOM CHANGE: HILL HALL 202
7:30-8:30 AM	Breakfast, Mines Market
9:00 AM	Fuel Cells Bryan Pivovar, National Renewable Energy Laboratory
10:30 AM	Break
11:00 AM	Harnessing the Power of Light: Light-Driven Syntheses and Reflective Materials Garret Miyake, Colorado State University
12:30 PM	Lunch, Mines Market

1:30 PM	Circular Economy Ryan Richards, Colorado School of Mines
3:00 PM	Wrap-up, Evaluations, and Break
7:00 PM	Closing Dinner and Presentation of Certificates Student Center