
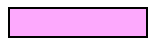




	Monday, June 13	Tuesday, June 14	Wednesday, June 15	Thursday, June 16	Friday, June 17
7:30 AM	Welcome and Course Overview - Linda Caudill, Brady Hall, Ryan Porell 7:45-8:15 am				
8:00	GlycoBasics I - Maren Roman 8:15-9:00 am	Resin Cleavage 8:00-8:15 am MALDI MS Tour 8:15-8:30 am Break 8:30-8:45 am	Chiroptical Spectroscopy - Daniel Crawford 8:00-9:00 am	Carbohydrate Interactions Fundamentals - Alan Esker 8:00-8:45 am Break 8:45-9:00 am	Course Summary - Caudill, Hall and Porell 8:30-9:00 am
9:00	GlycoBasics II - Kevin Edgar 9:15-10:00 am Break 9:00-9:15 am	Mass Spectrometry - Rich Helm 8:45-9:45 am	Chiral Raman/IR Demo 9:15-10:00 am Glycoscience Databases and Resources 9:15-10:00 am	SPR Demo 9:00-9:45 am MST Demo 9:00-9:45 am	GlycoMIP Website Navigation and User Portal - Lauren Mills 9:00-9:30 am Break 9:30-9:45 am
10:00	Safety Overview and Expectations 10:00-10:30 am Facility Tour - 10:30-11:00 am	Purification/Deprotection Demo 9:45-10:15 am MALDI Demo 10:15-10:45 am	Glycoscience Databases and Resources 10:00-10:45 am Chiral Raman/IR Demo 10:00-10:45 am	MST Demo 9:45-10:30 am SPR Demo 9:45-10:30 am Break 10:30-10:45 am	Interactive Panel Discussion 1: GlycoBasics and Synthesis 9:45-10:45 am
11:00	Synthesis Fundamentals: Carbohydrate Chemistry - Rich Helm 11:00-11:45 am	Nuclear Magnetic Resonance (NMR) Fundamentals - Narasimhamurthy Shanaiah 10:50-11:30 am	Open Discussion: State of the Field, Challenges, Perspectives and Outlook Hall and Porell 10:45-11:45 am	Carbohydrate Interactions Application - Rob Woods 10:45-11:30 am	Course Evaluations 10:45-11:00 am Interactive Panel Discussion 2: Characterization and Modeling 11:00-12:00 am
12:00 PM	Lunch 11:45 am-1:15 pm	Lunch and NMR Tours 11:30 am-2:00 pm	Lunch 11:45 am-1:15 pm	Lunch 11:30 am-1:00 pm	Adjourn 12:00 am
1:00	GlycoMIP Demo - Hall and Porell 1:15-2:15 pm		GlycoMIP Poster Session 1:15-2:45 pm	Computational Methods - Rob Woods 1:00-2:15 pm	
2:00	Break 2:15-2:30 pm Synthesis Application: AGA and the GlycoMIP - Hall and Porell 2:30-3:15 pm	Rheology of Glycomaterials - TBD 2:00-2:45 pm	Rheology Competition - Part 2 (Small Group Exercise) Hall and Porell 2:45-3:30 pm	Modeling Demo - Rob Woods 1:00-2:15 pm Break 3:00-3:15 pm	
3:00	GlycoMIP Scholar Experiences 3:15-4:00 pm	Rheology Competition - Part 1 (Small Group Exercise) Hall and Porell 2:45-3:30 pm Materials Synthesis Workshop - Glycoconjugates, Glycopolymers, Natural vs Synthetic - Hall and Porell 3:30-4:30 pm		Data Analysis - 3:15-4:30 pm	
4:00	Adjourn: 4:00 pm - Free Time		Adjourn for Nature Walk or Hike 3:30 pm		
5:00	Reception and Dinner with GlycoMIP Team Members and Scholars 5:00 pm	Adjourn: 4:30 pm		Adjourn: 4:30 pm	
6:00					

	Informational Session		Tour
	Lecture		Demonstration