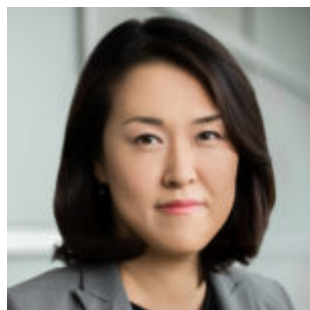


## TWO-DAY SHORT COURSE, Saturday and Sunday 14 Case Studies in Quantitative Proteomics

### Instructors



Meena Choi  
Northeastern University

Brendan MacLean  
University of Washington

Olga Vitek  
Northeastern University

Mateusz Staniak  
University of Wrocław

### Preliminary Agenda

	<b>Day1</b>	<b>Day2</b>
9:00-9:30	Section 1 (Lecture) : Fundamental concepts of statistical experimental design + introduce iPRG data	<b>Skyjam</b>
9:30-10:00		Section 6 (Lecture) : MSstats / MSstatsTMT
10:00-10:30	<b>break</b>	<b>break</b>
10:30-11:00	Section 2 (Lecture) : Introduction to Skyline	Section 7 (Hands-on) : Intro R, data exploration, basic statistics
11:00-11:30	Section 3 (Hands-on) : Processing DDA Data with Skyline	
11:30-12:00		
12:00-12:30	<b>Lunch</b>	<b>Lunch</b>
12:30-13:00		
13:00-13:30	Section 4 (Lecture) : statistical inference, multiple testing	Section 8 (Hands-on) : different abundance analysis in Msstats
13:30-14:00		
14:00-14:30	<b>break</b>	<b>break</b>
14:30-15:00	Section 5 (Hands-on) : From DDA Quantification to SRM, PRM and DIA and export the quantification report	Section 9 (Hands-on) : MSstatsTMT
15:00-15:30		
15:30-16:00		