

# First BSD QBio Bootcamp @ MBL

## General Schedule

### Saturday

afternoon	Arrival at MBL: check-in Swope first floor
6:00-7:00	Dinner (SWC)
8:00-8:45	Welcome and introduction to QBio (LAUD)

## Sunday

8:30-10:00	T1 - Intro R I <i>Arabidopsis, Caenorhabditis, Drosophila, Escherichia, Saccharomyces, Tetrahymena</i>	T2 - Probability and Inference <i>Danio, Macaca, Mus, Papilio, Spinosaurus, Tiktaalik</i>
10:00-10:30	Coffee break	
10:30-12:00	T2 - Probability and Inference <i>Arabidopsis, Caenorhabditis, Drosophila, Escherichia, Saccharomyces, Tetrahymena</i>	T1 - Intro R I <i>Danio, Macaca, Mus, Papilio, Spinosaurus, Tiktaalik</i>
12:00-1:00	Lunch	
1:00-2:30	T3 - Intro R II <i>Arabidopsis, Caenorhabditis, Drosophila, Escherichia, Saccharomyces, Tetrahymena</i>	T4 - Stochastic Processes <i>Danio, Macaca, Mus, Papilio, Spinosaurus, Tiktaalik</i>
2:30-2:45	Coffee break	
2:45-4:15	T4 - Stochastic Processes <i>Arabidopsis, Caenorhabditis, Drosophila, Escherichia, Saccharomyces, Tetrahymena</i>	T3 - Intro R II <i>Danio, Macaca, Mus, Papilio, Spinosaurus, Tiktaalik</i>
4:30-5:45	Giltin introduction	
6:00-7:00	Dinner	
7:15-8:45	Prince introduction	

## Monday

8:30-10:00	T5 - Intro R III <i>Arabidopsis, Caenorhabditis, Drosophila, Escherichia, Saccharomyces, Tetrahymena</i>	T6 - Dynamical Systems <i>Danio, Macaca, Mus, Papilio, Spinosaurus, Tiktaalik</i>		
10:00-10:30	Coffee break			
10:30-12:00	T6 - Dynamical Systems <i>Arabidopsis, Caenorhabditis, Drosophila, Escherichia, Saccharomyces, Tetrahymena</i>	T5 - Intro R III <i>Danio, Macaca, Mus, Papilio, Spinosaurus, Tiktaalik</i>		
12:00-1:00	Lunch			
1:00-2:30	W4 - Osborne <i>Drosophila, Escherichia, Saccharomyces</i>	W1 - Vander Griend <i>Arabidopsis, Mus, Tiktaalik</i>	W2 - Cobey <i>Danio, Spinosaurus, Tetrahymena</i>	W3 - Novembre <i>Caenorhabditis, Macaca, Papilio</i>
2:30-2:45	Coffee break			
2:45-4:15	W4 - Osborne <i>Drosophila, Escherichia, Saccharomyces</i>	W1 - Vander Griend <i>Arabidopsis, Mus, Tiktaalik</i>	W2 - Cobey <i>Danio, Spinosaurus, Tetrahymena</i>	W3 - Novembre <i>Caenorhabditis, Macaca, Papilio</i>
4:30-5:45	Free time			
6:00-7:00	Dinner			
7:15-8:45	PD1 - Planning your career <i>Arabidopsis, Drosophila, Escherichia, Saccharomyces</i>	PD2 - First Year and Beyond <i>Caenorhabditis, Mus, Papilio, Tetrahymena</i>	PD3 - Ethics 101 <i>Danio, Macaca, Spinosaurus, Tiktaalik</i>	

## Tuesday

8:30-10:00	T9 - Imaging I <i>Arabidopsis, Drosophila, Escherichia, Saccharomyces</i>	T7 - UNIX <i>Caenorhabditis, Tetrahymena</i>	T8 - Data visualization <i>Mus, Papilio</i>	Trip on the Gemma <i>Danio, Macaca</i>	Tour of MBL <i>Spinosaurus, Tiktaalik</i>
10:00-10:30	Coffee break				
10:30-12:00	T10 - Imaging II <i>Arabidopsis, Drosophila, Escherichia, Saccharomyces</i>	T8 - Data visualization <i>Caenorhabditis, Tetrahymena</i>	T7 - UNIX <i>Mus, Papilio</i>	Tour of MBL <i>Danio, Macaca</i>	Trip on the Gemma <i>Spinosaurus, Tiktaalik</i>
12:00-1:00	Lunch				
1:00-2:30	W2 - Cobey <i>Drosophila, Macaca, Mus</i>	W3 - Novembre <i>Danio, Escherichia, Tiktaalik</i>	W1 - Vander Griend <i>Papilio, Saccharomyces, Spinosaurus</i>	W4 - Osborne <i>Arabidopsis, Caenorhabditis, Tetrahymena</i>	
2:30-2:45	Coffee break				
2:45-4:15	W2 - Cobey <i>Drosophila, Macaca, Mus</i>	W3 - Novembre <i>Danio, Escherichia, Tiktaalik</i>	W1 - Vander Griend <i>Papilio, Saccharomyces, Spinosaurus</i>	W4 - Osborne <i>Arabidopsis, Caenorhabditis, Tetrahymena</i>	
4:30-5:45	MBL Research Talks				
6:00-7:00	Dinner				
7:15-8:45	PD2 - First Year and Beyond <i>Drosophila, Escherichia, Spinosaurus, Tiktaalik</i>	PD3 - Ethics 101 <i>Arabidopsis, Caenorhabditis, Saccharomyces, Tetrahymena</i>	PD1 - Planning your career <i>Danio, Macaca, Mus, Papilio</i>		

## Wednesday

8:30-10:00	Trip on the Gemma <i>Drosophila, Escherichia</i>	Tour of MBL <i>Arabidopsis, Saccharomyces</i>	T9 - Imaging I <i>Caenorhabditis, Mus, Papilio, Tetrahymena</i>	T7 - UNIX <i>Danio, Macaca</i>	T8 - Data visualization <i>Spinosaurus, Tiktaalik</i>
10:00-10:30	Coffee break				
10:30-12:00	Tour of MBL <i>Drosophila, Escherichia</i>	Trip on the Gemma <i>Arabidopsis, Saccharomyces</i>	T10 - Imaging II <i>Caenorhabditis, Mus, Papilio, Tetrahymena</i>	T8 - Data visualization <i>Danio, Macaca</i>	T7 - UNIX <i>Spinosaurus, Tiktaalik</i>
12:00-1:00	Lunch				
1:00-2:30	W3 - Novembre <i>Arabidopsis, Drosophila, Spinosaurus</i>	W1 - Vander Griend <i>Escherichia, Macaca, Tetrahymena</i>	W2 - Cobey <i>Caenorhabditis, Saccharomyces, Tiktaalik</i>	W4 - Osborne <i>Danio, Mus, Papilio</i>	
2:30-2:45	Coffee break				
2:45-4:15	W3 - Novembre <i>Arabidopsis, Drosophila, Spinosaurus</i>	W1 - Vander Griend <i>Escherichia, Macaca, Tetrahymena</i>	W2 - Cobey <i>Caenorhabditis, Saccharomyces, Tiktaalik</i>	W4 - Osborne <i>Danio, Mus, Papilio</i>	
4:30-5:45	MBL Research Talks				
6:00-7:00	Dinner				
7:15-8:45	PD3 - Ethics 101 <i>Drosophila, Escherichia, Mus, Papilio</i>	PD2 - First Year and Beyond <i>Arabidopsis, Danio, Macaca, Saccharomyces</i>	PD1 - Planning your career <i>Caenorhabditis, Spinosaurus, Tetrahymena, Tiktaalik</i>		

## Thursday

8:30-10:00	T7 - UNIX <i>Drosophila, Escherichia</i>	T8 - Data visualization <i>Arabidopsis, Saccharomyces</i>	Trip on the Gemma <i>Caenorhabditis, Tetrahymena</i>	Tour of MBL <i>Mus, Papilio</i>	T9 - Imaging I <i>Danio, Macaca, Spinosaurus, Tiktaalik</i>
10:00-10:30	Coffee break				
10:30-12:00	T8 - Data visualization <i>Drosophila, Escherichia</i>	T7 - UNIX <i>Arabidopsis, Saccharomyces</i>	Tour of MBL <i>Caenorhabditis, Tetrahymena</i>	Trip on the Gemma <i>Mus, Papilio</i>	T10 - Imaging II <i>Danio, Macaca, Spinosaurus, Tiktaalik</i>
12:00-1:00	Lunch				
1:00-2:30	W1 - Vander Griend <i>Caenorhabditis, Danio, Drosophila</i>	W2 - Cobey <i>Arabidopsis, Escherichia, Papilio</i>	W3 - Novembre <i>Mus, Saccharomyces, Tetrahymena</i>	W4 - Osborne <i>Macaca, Spinosaurus, Tiktaalik</i>	
2:30-2:45	Coffee break				
2:45-4:15	W1 - Vander Griend <i>Caenorhabditis, Danio, Drosophila</i>	W2 - Cobey <i>Arabidopsis, Escherichia, Papilio</i>	W3 - Novembre <i>Mus, Saccharomyces, Tetrahymena</i>	W4 - Osborne <i>Macaca, Spinosaurus, Tiktaalik</i>	
4:30-5:45	MBL Research Talks				
5:45-8:45	BBQ				

**Friday**

9:00-9:30 Announcement of Data Challenge (LAUD)  
9:30-12:00 Work in teams  
12:00-1:00 Lunch (SWC)  
2:00-3:00 Announcement of winners (LAUD)  
5:00 Departure

Rooms: CH1 = ground floor room in Candle House; LB263 = Loeb 263; LB302 = Loeb 302; LB374 = Loeb 374; LBG70 = Loeb lower level, room G70; LAUD = Lillie Auditorium; MRC210 = Marine Resources Center 210; SWC = Swope cafeteria.

Professional Development: the sessions are divided into two sub-sessions of 45min each. Change room/session at 8:00.