

Microbial Metagenomics

Course Description

IG and Micro Workshop 2009 GENET591

<http://www.genetics.iastate.edu/ws09.html>

Discussion

Wednesdays, 3:10 p.m. to 4:00 p.m. in Room 101, Industrial Education II

Wednesday, January 21: ORIENTATION. Meet with instructors, Allen Miller, Kirsten Hofmockel and Larry Halverson to discuss expectations of the course. Students must sign up for a minimum of two chalks at this time.

Wednesday, January 28: Kirsten Hofmockel (khof@iastate.edu) will lead discussion of the research of Dr. Jill Banfield, University of California Berkeley: Geochemistry group at Lawrence Berkeley National Laboratory.

Wednesday, February 04: Allen Miller (wamiller@iastate.edu) will lead discussion of the research of Dr. Ian Lipkin, MD, Columbia University, Professor of Epidemiology in the Mailman School of Public Health.

Wednesday, February 11: no class

Wednesday, February 18: Larry Halverson (larryh@iastate.edu) will lead discussion of the research of Dr. Ed DeLong, Department of Biological Engineering and Department of Civil and Environmental Engineering, MIT.

Wednesday, February 25: Larry Halverson (larryh@iastate.edu) will lead discussion of the research of Philip Hugenholtz, Head, Microbial Ecology Program, DOE Joint Genome Institute.

Wednesday, March 4: Allen Miller (wamiller@iastate.edu) will lead discussion of the research of Dr. Curtis Suttle, Professor, Department of Earth and Ocean Sciences, University of British Columbia.

Wednesday, March 11: no class

March 18: Spring Break

SEMINARS and CHALK TALKS

Wednesday	March 25:	Ed DeLong, MIT 1414 Molecular Biology, 4:10 p.m.	
	March 26:	Chalk Talk 12:10 p.m. to 1:15 p.m.	Heady 368A
Monday	April 6:	Ian Lipkin, Northeast Biodefense Center 1414 Molecular Biology, 4:10 p.m.	
	April 7	Chalk Talk 12:10 p.m. to 1:15 p.m.	Heady 368A
Tuesday	April 14:	Phil Hugenholtz, DOE Joint Genome Institute 1414 Molecular Biology, 4:10 p.m.	
	April 15:	Chalk Talk 12:10 p.m. to 1:15 p.m.	Bessey 240
Tuesday	April 21:	Jill Banfield, University of California Berkeley 1414 Molecular Biology, 4:10 p.m.	
	April 22:	Chalk Talk 12:10 p.m. to 1:15 p.m.	Heady 368A
Thursday	April 30	Curtis Suttle, University of British Columbia 1414 Molecular Biology, 4:10 p.m.	
	May 1	Chalk Talk 12:10 p.m. to 1:15 p.m.	Heady 368A

Students must attend all discussion sessions and read all papers that pertain to that speaker prior to coming to class. The class will be divided into small groups for discussion and will present the results of the discussion to the rest of the class.

Students who fail to attend discussion sessions must read all papers and write an acceptable one-page (single-spaced, 12 point, .7 inch margins) discussion of the major points for each paper. These papers should be submitted to the faculty member who presented the speaker.

Students must attend all public presentations and two chalk talks. Students who fail to attend a public presentation may check out a DVD of the talk and write an acceptable one-page paper on the seminar. This paper should be submitted to the faculty member who is hosting the speaker (see email addresses above).

Each student must attend two Chalk Talks. Only students enrolled in GENET 591 may attend.

Thursday, March 26	Ed DeLong	12:10 p.m. to 1:15 p.m.	Heady 368A
Tuesday, April 7	Ian Lipkin	9:10 a.m to 10:15 a.m.	Heady 368A
Wednesday, April 15	Phil Hugenholtz	12:10 p.m. to 1:15 p.m.	Bessey 240
Wednesday, April 22	Jill Banfield	12:10 p.m. to 1:15 p.m.	Heady 368A
Friday, May 1	Curtis Suttle	12:10 p.m. to 1:15 p.m.	Heady 368A

