

9-2014

BIOS 595.01: Special Topics - Systems Ecology Graduate Seminar

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BIOS 532 Fundamentals of Ecosystem Ecology

Systems Ecology Graduate Seminar

BIOS 595 01: CRN 74096 (1 cr)

ISB 103B, W 12:10-1:00AM

Instructor: Dr. Maurice Valett

Time:

W 12:10-1:00AM, ISB 103B (Interdisciplinary Science Building, Room 103B)

Office: HS 513A, Office hours, T 10-11:30 AM, W 1:30-3:00 pm or by appointment

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Overview: The Systems Ecosystem (SE) Graduate Seminar is designed to engage SE faculty in presentation and discussion of their fields of expertise with the SE graduate students representing a broad spectrum of interests and talents. The Fall 2014 schedule includes 12 faculty participants with research programs ranging across environmental law, science librarianship, disease ecology, and the study of lake motion. At the request of the students, the presenting faculty has agreed to include insights into how they have formed the questions, hypotheses, and research programs that have driven inquiry as well as results from the inquiries themselves.

Schedule:

<u>Day/Date</u>	<u>Who</u>	<u>Title</u>
W Aug 27	no class	
W Sep 3	HM Valett	Class organization
W Sep 10	Jakki Mohr, School of Business Admin	Interdisciplinary research: Contributions of business research to systems ecology
W Sep 17	Mark Lorang, Flathead Lake Biology Station	The Not so Flat Flathead Lake
W Sep 24	Steve Running, Department of Ecosystem and Conservation Science	Will Ecologists Become the Global Carbon Cops
W Oct 1	Cara Nelson, Department of Ecosystem and Conservation Science	New Paradigms for Increasing Understanding of Restoration Outcomes
W Oct 8	Jeff Renz, UM Law School	Applied Systems Ecology: The case of State of Illinois v. City of Milwaukee, and others
W Oct 15	Vicki Watson, Environmental Studies Program	Setting water quality standards for Montana's wadable streams...or River response to nutrient load reductions
W Oct 22	Libby Metcalf, Department of Society and Conservation	Will fences make good neighbors? Quantifying acceptability of brucellosis management tools for elk and cattle in the Greater Yellowstone Ecosystem

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Day/Date	Who	Title
W Oct 29	Ric Hauer, Montana Institute on Ecosystems	Fifty-plus years of mountain-top removal coal mining in the Crown of the Continent Ecosystem: an intersection of science, politics, and mitigation
W Nov 5	Gordon Luikart, Flathead Lake Biological Station	Conservation Genetics Research and Perspectives in Montana and Beyond
W Nov 12	Barry Brown, UM Mansfield Library	Research Methods for Comprehensive Science Literature Reviews
W Nov 19	Clint Muhlfeld, USGS Northern Rocky Mountain Science Center	Climate change effects on Aquatic Ecosystems in the Northern Rockies: Implications for Conservation Management
W Dec 3	Jack Stanford, Flathead Lake Biological Station	The Freshwater Imperative Revisited: Water as the Primary Currency for Understanding Eco-sociology of Regional Landscapes
