

## WILD 594 Spring 2020 Syllabus

### Wildlife Biology Graduate Seminar

#### Analysis of selected problems in wildlife biology and conservation

Spring 2020

Instructor: Dr. Hugh S. Robinson

The Wildlife Biology Graduate Seminar provides a venue for graduate students and faculty to share and learn about research going on within the program, as well as to hear from guest speakers outside of the program. The primary purpose of Graduate Seminar is the presentation of proposal and thesis seminars required of graduate students in the Wildlife Program. Secondly, it provides opportunities for Wildlife faculty and graduates students to interact through informal discussions, for graduate students to present and discuss their research outside of their defenses, and for invited guests to speak with students and faculty. Graduate Seminar is collaboratively managed by a faculty member and a representative of the graduate students to ensure the seminar series is responsive to graduate student interests. Each year, graduate students typically extend an invitation to a distinguished guest speaker.

#### Required Readings

- None

#### Class meeting times:

F 1:00 – 2:50 pm Forestry 206

Tentative Schedule: See Forestry website for changes and updated schedule  
(<http://www.cfc.umt.edu/wbio/seminar.php>)

| Date | Presenter 1:00-1:50   | Presenter 2:00-2:50 |
|------|---|---------------------|
| 1/17 | <b>Chad Bishop</b> - Semester Introduction and Introduce Mental Health Working Group  |                     |
| 1/24 | <b>Jenny Helm</b> - Proposal Defense<br><br>Investigating climate effects in the sagebrush steppe through the lens of greater sage-grouse |                     |
| 1/31 | <b>Andrea Litt</b> - Guest Speaker<br><br>Going to bat for bats: Informing bat conservation at three scales                               |                     |
| 2/7  | CANCELLED - No speaker scheduled  |                     |
| 2/14 | <b>Allison Devlin</b> - Guest Speaker<br><br>Drivers of jaguar ( <i>Panthera onca</i> ) density and movement in the Brazilian Pantanal    |                     |
| 2/21 | Cancelled - No speaker  |                     |

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|---------------------------------------|---|---|
| 2/28                                  | <b>Dr. Mike Mitchell</b><br><br>An ecologist's plea for more sociologist in wildlife management: lessons learned from structured decisions making   |   |
| 3/4<br><b>Wednesday<br/>4:00 P.M.</b> | <b>Mike Runge</b> - Guest Speaker (Patuxent Wildlife Research Center, USGS)<br>Exploring management options in the Grand Canyon with formal decision analysis: grappling with tradeoffs and uncertainty |   |
| 3/6                                   | <b>Allison Keever</b> - Dissertation Defense<br><br>Adaptive harvest management of wolves: the role of recruitment and hierarchical demography in population dynamics of a social carnivore             | <b>Andy Boyce</b> - Guest speaker<br><br>Biodiversity effects of native keystone species on the Northern Great Plains                                       |
| 3/13                                  | <b>Troy Smith</b> - Proposal Defense<br><br>Migratory Life History Variation and Patterns of Hybridization in Westslope Cutthroat Trout and Rainbow Trout   |   |
| 3/20                                  | <b>NO SEMINAR SPRING BREAK</b>  |   |
| 3/27                                  | <b>Alex Kumar</b> - Dissertation Defense<br><br>Biotic and abiotic drivers of collapsing cycles in a spatiotemporally complex system  | <b>Forest Hayes</b> - Thesis Defense<br><br>Resource selection and calving success of moose in Colorado   |
| 4/3                                   | <b>Elise Zarri</b> - Proposal Defense<br><br>Impacts of conifer removal on sagebrush songbirds  | <b>Jennifer Wall</b> - Proposal Defense<br><br>Assessing the impacts of climate and habitat changes on alpine wildlife in Denali National Park and Preserve |
| 4/10                                  | <b>Kaeli Davenport</b> - Proposal Defense<br><br>Improving the management of a non-native trout species through landscape genomics, trojan males, and assessment of manager attitudes                   | <b>Colter Feuerstein</b> - Proposal Defense   |
| 4/17                                  | <b>Vaughan Branch</b> - Thesis Defense  | <b>Kari Eneas</b> - Thesis Defense<br><br>Conflict between grizzly bears and small livestock  |
| 4/24                                  | <b>Jess Krohner</b> - Thesis Defense  | <b>Hannah Behl</b> - Thesis Defense<br><br>Hormonal mechanisms of avian nest abandonment  |

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|     | Finding fishers: Determining the drivers of fisher distribution in the northern Rockies  |   |
| 5/1 | <b>Teagan Hayes</b> - Thesis Defense   | <b>Emily Oja</b> - Thesis Defense<br><br>Bird and Native Bee Community Responses to Habitat Manipulations |
| 5/5 | <b>OFF SEMINAR - Collin Peterson</b> - Thesis Defense at 1 p.m. in FOR 206<br><br>Forage selection and predator avoidance by partially migratory mule deer |   |

**Grading:** Credit/no credit.