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Sent: Monday, February 25, 2019 10:24 AM
To: Bitters, Todd <bitters.4@osu.edu>
Cc: Freudenstein, John <freudenstein.1@osu.edu>
Subject: FYS proposal

Hi Todd,

I'm writing with a proposal for a first year seminar. My course description is copied here:

The freshman seminar will introduce students to evolutionary theory, statistics, and data analysis by exploring, collecting, and analyzing biodiversity data. Professor Carstens believes that students learn by doing. During the course of the semester, students will access spatial data for a species of interest, learn how to map these data using the statistical software package R, learn how to model the climatic niche of this species, and then learn how to project this niche onto models of the future climate under various global change scenarios. In the second half of the course, student will explore existing genetic data for the species of interest and learn how to conduct population genetic analyses using these data. The seminar will conclude with a poster session that will encourage students to meet and discuss their work with scientists in the Department of Evolution, Ecology, and Organismal Biology.

As you can see, I'm taking an active learning approach to this course, and hoping to attract students who are interested in topics that align with those of researchers in EEOB. My hope is that doing a poster session on the final day of class will make it easy for these students to meet and possible plan to work with EEOB researchers. Due to this, the timing of the class will be important. EEOB has departmental seminars from 1:00 - 2:00 on Thursdays, and faculty meetings at 3:30 on some of these days. Because of this, scheduling the course in between these times would allow for the greatest number of faculty and grad students to attend the poster session. I'm hoping that I can talk our chair (John Freudenstein, cc'd here) into paying for some light snacks to further attract people to this poster session.

My teaching experience includes EEOB 3310 (Evolution), EEOB 4220 (Biology of Mammals), and a Freshman seminar (Biology of Sex) during the Fall of 2017 semester. I have also been a coPI on an REU site grant.

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