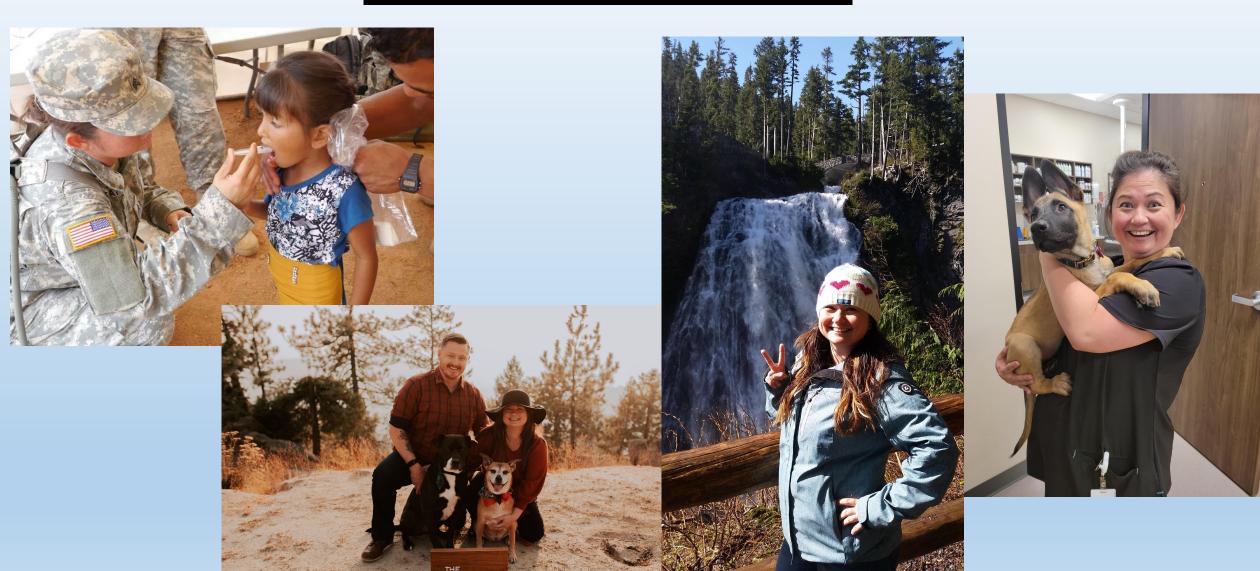
GEM3 and Me: My Journey from Lab/Course-based Undergraduate Research Experiences (LURE/CURE) to Graduate School





Catherine Isaak, Post-Baccalaureate Fellow Boise State University

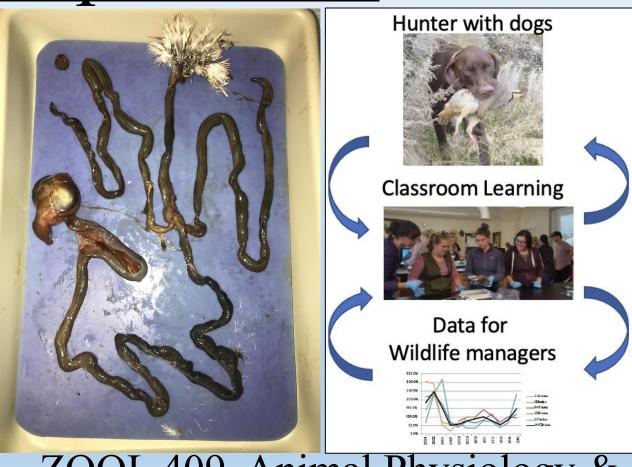
Back to School



Course-based Undergraduate Research Experiences

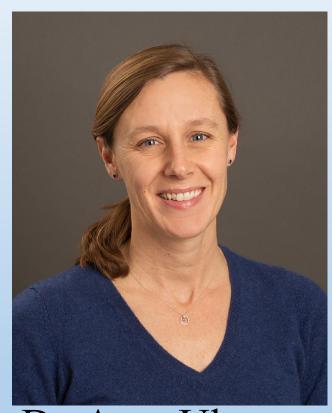
ZOOL 401, Mammalogy





ZOOL 409, Animal Physiology & Nutrition

Faculty Connections at BSU



Dr. Amy Ulappa, Clinical Associate Professor

Dr. Jen Cruz, Assistant Professor, Quantitative Conservation Research Lab





Dr. Jen Forbey, Professor, Forbey Lab

Post-Baccalaureate Experiences





Idaho Chapter of The Wildlife Society Poster with Dr. Forbey & members from the Idaho Chukar Chasers Larry Szurgot and Brant Petersen

Post-Baccalaureate Experiences



Dr. Cruz and I microchipping and taking various data points on a Piute Ground Squirrel (*Urocitellus mollis*) population



Particle sieving for the Greater Sage-grouse (Centrocercus urophasianus) fecal pellets to analyze diet and digestibility

CURES = Significant Outcomes

- Two seasons of field experience with Dr. Cruz's lab
 - ☐ Lead technician in auditory point counts
 - ☐ Mentor undergraduate field technicians
- •Post-baccalaureate EPSCOR/GEM3 fellowship in Dr. Forbey's lab
 - ☐ Mentor, TA, and develop undergraduates in particle size and animal dissections
 - ☐ Outreach lessons and opportunities
 - ☐ Develop laboratory protocols, practice in data analysis, develop spectral analysis skill sets with plant matter
- · Volunteer beaver husbandry with Idaho Fish & Game
- Networking with biologists, ecologists, and clinical professors
- •TWO graduate program offers for a Masters in Biology

Many Thanks and Heartfelt Appreciation









- Dr. Jen Cruz
- Dr. Jen Forbey
- Dr. Amy Ulappa
- Jamie Utz, Diversity Wildlife Biologist, IDFG
- Zoe Bonerbo, QCL Manager

- Morgan Calahan, Conservation Genetics Lab Manager
- Ashley Martwick-Holloway,
 Forbey Research Associate
- Dr. Cruz's graduate students