

UW Top-Tier Science Initiative Wyoming Research Scholars Program (WRSP)

Summer 2016 Progress Report

The Wyoming Research Scholars Program (WRSP) is a university-wide program that pairs undergraduate science students with faculty mentors to participate in cutting-edge research starting as early as their freshman year. These mentored research experiences represent the pinnacle of active learning for students. Research Scholars will be more competitive for jobs and graduate programs following graduation because they have already gained the research skills and experience necessary to be practicing scientists. More information can be found at the WRSP website (<http://www.uwyo.edu/wrsp>).

Table 1. List of the 2016-17 Wyoming Research Scholars

Name	Department	Hometown
Sarah Brannon	Zoology & Physiology/Environment & Natural Resources	Westminster, MA
Jordan Brophy	Chemistry	Wray, CO
Isabella Buongiorno	Plant Sciences/Environment & Natural Resources	Cheyenne, WY
Delta Burchi	Zoology & Physiology	Laramie, WY
Ella DeWolf	Molecular Biology	Laramie, WY
Logan Eicholzer	Environment & Natural Resources	Liverpool, NY
Logan Fairbourn	Microbiology	Cheyenne, WY
Olivia Glassock	Molecular Biology	Buffalo, WY
Samantha Haller	Zoology & Physiology	Cheyenne, WY
Logan Jensen	Physics & Astronomy	Greybull, WY
Lukas Lindquist	Geology	Ft. Collins, CO
Kenny Madsen	Chemistry	Cheyenne, WY
Brittany Nordberg	Zoology & Physiology	Cody, WY
Kianna Olson	Physics & Astronomy	Laramie, WY
Ryan Parziale	Physics & Astronomy	Littleton, CO
Ashleigh Rhea	Zoology & Physiology	Dillon, MT
Darbi Schlenker	Chemistry	Meeteetse, WY
Aaron Strom	Chemistry	Rock Springs, WY
Heather Townsend	Botany (Biology)	Douglas, WY
Narisse Trippel	Mechanical Engineering	Worland, WY
Kasey Trotter	Chemistry	Ft. Collins, CO
Rex Yeigh	Physics & Astronomy	Buffalo, WY

Table 2. List of 2016 Summer Mini-Grant Awardees

Name	Department	Hometown
Rebecca Brenner	Zoology & Physiology	Harrisburg, NE
Kadi Cooley	Zoology & Physiology	Powell, WY
Logan Fairbourn	Molecular Biology	Cheyenne, WY
Rida Fatima	Molecular Biology	Casper, WY
Tim Halstead	Geology	Lusk, WY
Sawyer Letourneau	Chemical Engineering	Fairfield, ME
Jaycey Lindsey	Animal & Veterinary Science	Wright, WY
Katie Nelson	Molecular Biology; Chemical Engineering	Louisville, CO
Zach Parsons	Zoology & Physiology	E Wenatchee, WA
Holly Ramseier	Chemical Engineering	Cody, WY
Susan Schmidt	Molecular Biology	Albin, WY
Mary Uselmann	Chemical Engineering	Anchorage, AK

2015-16 WRSP graduates include:

- Dianna Brutsman, from Cheyenne, WY – research internship at the Topeka Zoo in Kansas this summer.
- Rachael Coleman, from Cheyenne, WY – starting graduate school at Cornell University.
- Jazlynn Hall, from Rawlins, WY – starting graduate school at Columbia University.
- Vivek Jain, from Bangalore, India – research internship in physics at the University of Minnesota.
- Rhiannon Jakopak, from Scotland, SD – studying wildlife in Kenya this summer and returning to UW next year for graduate school.
- Annie Krueger, from Stevensville, MD – research position with Bayer; then pursuing a PhD in environmental toxicology.
- Thomas Rochais, from Flers, France – starting graduate school at the University of Pennsylvania.
- Rachel Schambow, from Janesville, WI – attending the UW-Madison School of Veterinary Medicine.
- Jordan Turner, from Marietta, GA – beginning graduate school in astronomy at UW.
- Matthew Lehmitz, from Laramie, WY – enrolled in a master’s degree program with the UW Botany Dept.

WRSP by the Numbers

Total Students Served (including 2016 graduates): 46

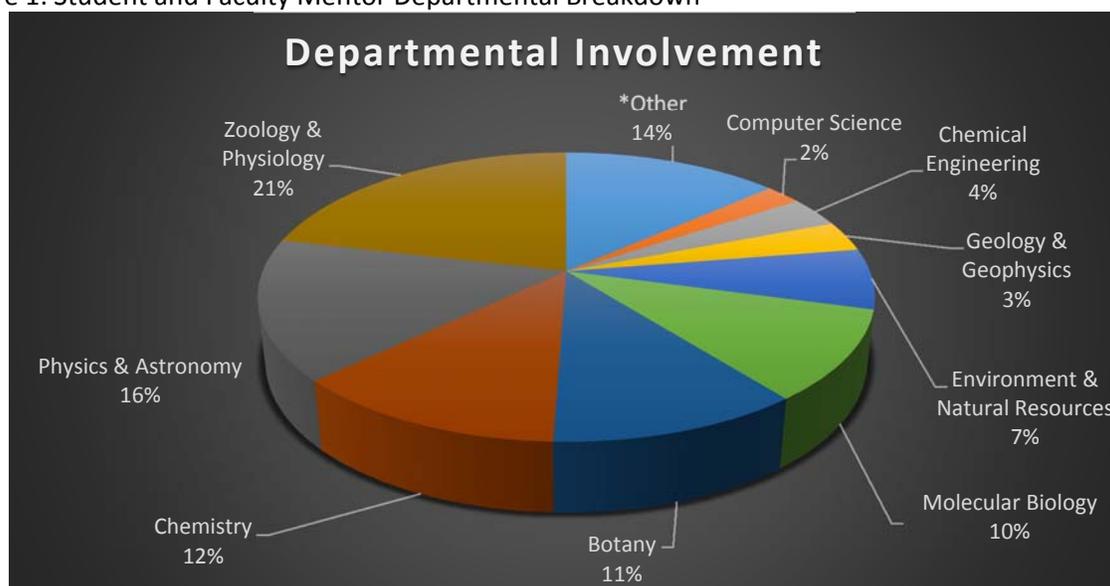
Number of Departments Served: 23, and includes the following:

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|-------------------------------------|-----------------------------------|------------------------|
| ▪ Animal Science | ▪ Environment & Natural Resources | ▪ Neuroscience |
| ▪ Anthropology | ▪ Geography | ▪ Pharmacy (School) |
| ▪ Botany | ▪ Geology & Geophysics | ▪ Physics & Astronomy |
| ▪ Chemical Engineering | ▪ Kinesiology and Health | ▪ Plant Sciences |
| ▪ Chemistry | ▪ Mathematics | ▪ Psychology |
| ▪ Computer Science | ▪ Mechanical Engineering | ▪ Veterinary Sciences |
| ▪ Electrical & Computer Engineering | ▪ Microbiology | ▪ Zoology & Physiology |
| | ▪ Molecular Biology | |

Student Hometowns: 27 students from Wyoming; 19 students from out-of-state

Student Gender Ratio: 31 female: 15 male

Figure 1. Student and Faculty Mentor Departmental Breakdown



** Category comprises departments with 1% each*