

---

Learning Actively  
Mentoring Program

# Monitoring our Progress: LAMP Strategic Plan



Rachel M. Watson  
Director of the Science Initiative's Learning  
Actively Mentoring Program (LAMP)

**ACHIEVED OR EXCEEDED**

Present at least 20 LAMP SoTL projects at teaching and learning conferences

Publish at least 4 LAMP SoTL manuscripts in peer-reviewed educational journals

LAMP/WRSP Roadshow will allow Outreach opportunities for more than 20 undergraduate and graduate LAMP and WRSP students

**MUST BE MODIFIED**

Involve at least 20% of all LAMP-trained educators in the Scholarship of Teaching and Learning (SoTL) Faculty Learning Community

Analyze teaching evaluations for classes taught by instructors pre- and post-LAMP training

Train (all) new and (most) existing faculty in the five core UW Science Initiative departments

Will provide a hands-on teaching experience in an active learning classroom and a 1-credit pedagogy course to at least 50% of the *students earning a post-bacc* from the College of Education.

Support 50 K-16 educators to attend the Wyoming Department of Education Roadmap to STEAM Conference

Half of the educators supported by LAMP to attend the Wyoming Department of Education Roadmap to STEAM Conference will present at the conference with presentations that show successful implementation of active learning.

**ON-TRACK**

Train at least one faculty member from every STEM-related department and interdisciplinary (STEM-integrated) department in every one of the 9 colleges

Train 75 graduate students in STEM and STEM-related disciplines

Train at least two STEM educators from every one of the State's 7 community colleges

LAMP-trained educators will have instructed over 20,000 students.

Analyze D, W & F rates for classes taught by instructors pre- and post-LAMP training.

Provide a hands-on teaching experience in an active learning classroom and a 1-credit pedagogy course to 50 *undergraduate students*.

Roadshow will travel to schools in every county of the State

Roadshow will impact more than 5,000 students

Complete a full Social Network Analysis

**WILL NOT ACHIEVE**

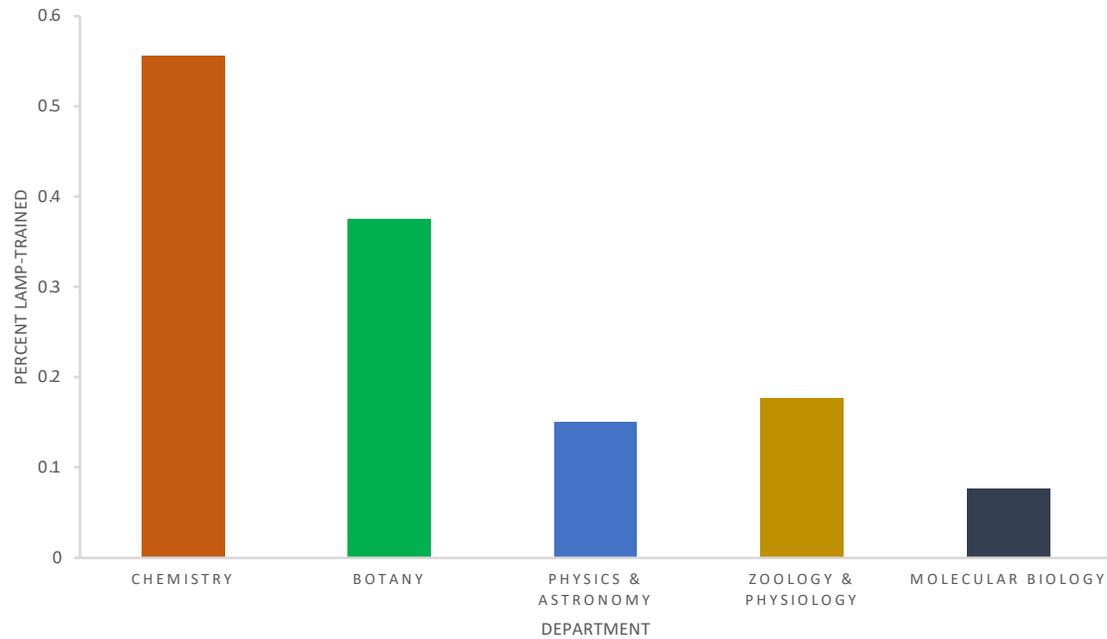
At least 3 additional active learning classrooms and one large-scale active learning classroom will be available and preferentially assigned to LAMP-trained educators

Involve at least 10% of all LAMP-trained educators in the Open Educational Resources (OER) statewide initiative



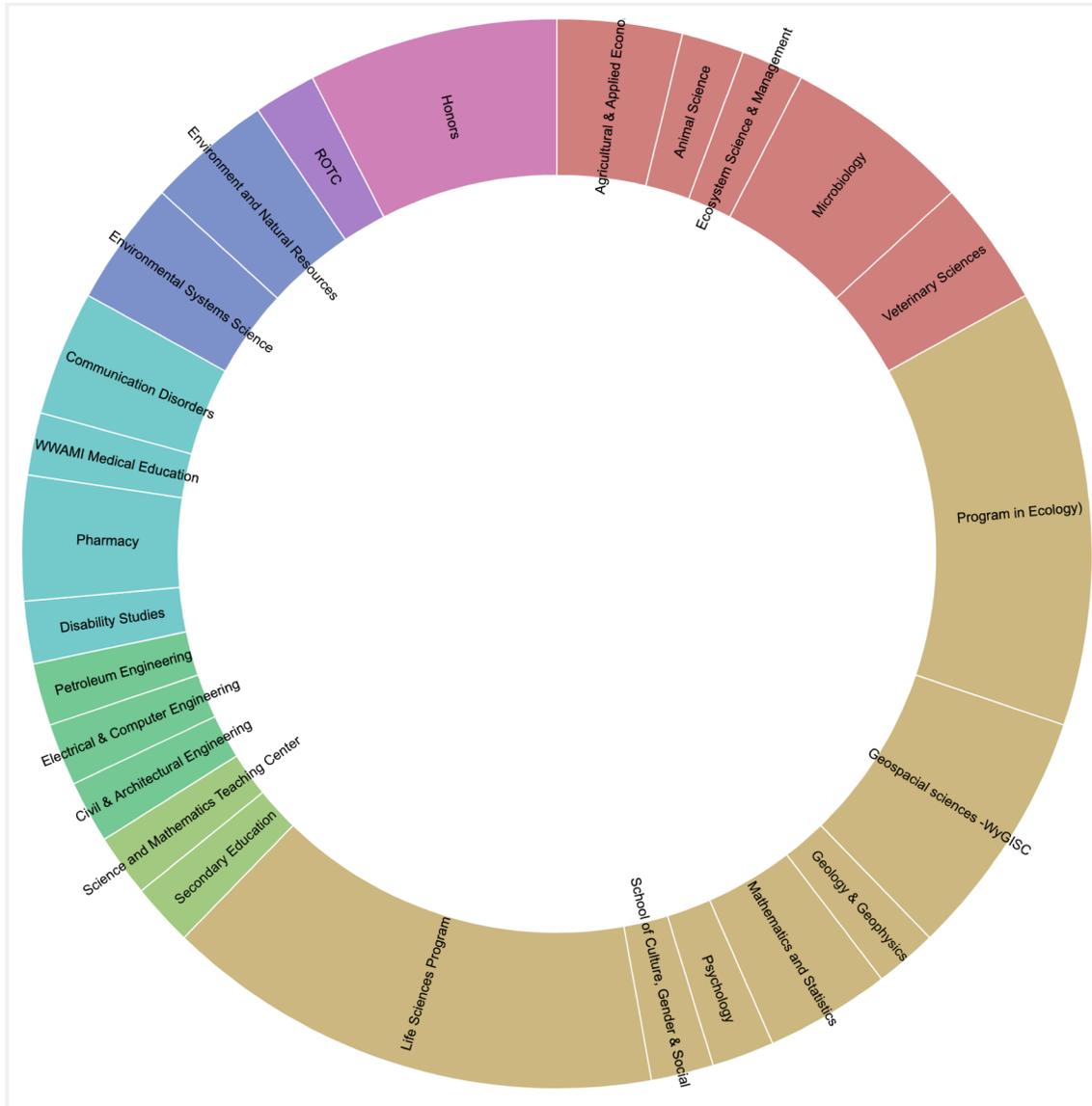
The yearlong LAMP Fellows program will train (all) new and (most) existing faculty in the five core UW Science Initiative departments.

**PERCENT LAMP-TRAINED WITHIN CORE SI DEPARTMENTS**





The yearlong LAMP Fellows program will train at least one faculty member from every STEM-related department and interdisciplinary (STEM-integrated) department in every one of the 9 colleges



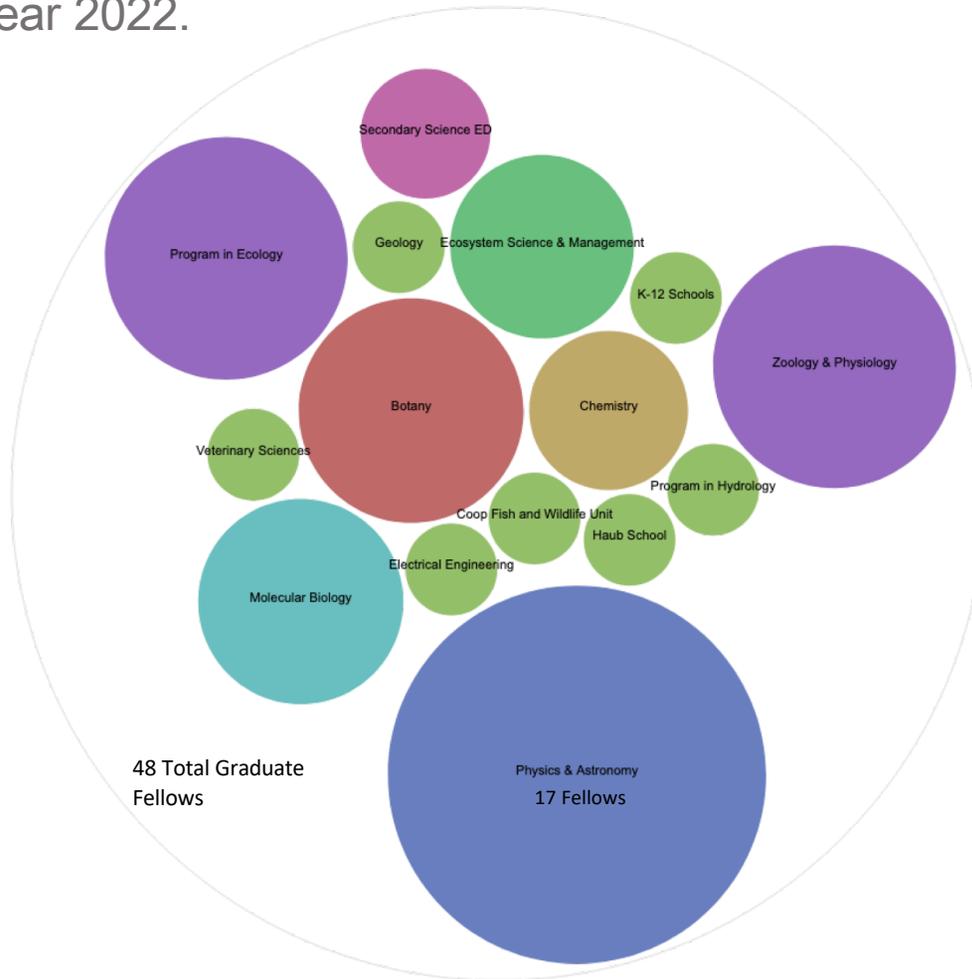
- College of Arts and Sciences
- College of Agriculture
- College of Health Sciences
- College of Engineering
- College of Education
- Haub School

**Goal Departments to add:**

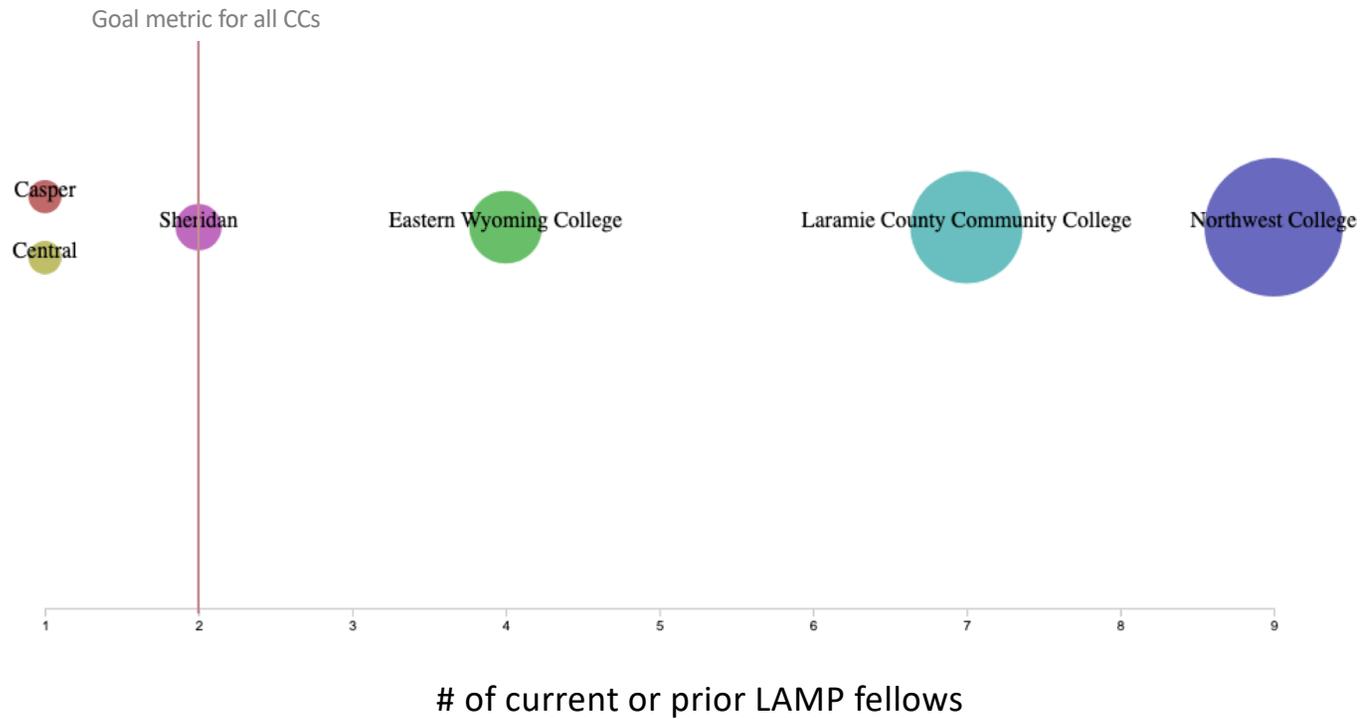
- Family & Consumer Sciences
- Plant Sciences
- Anthropology
- Accounting and finance
- Economics
- Management and Marketing
- Instructional Technology
- Atmospheric Science
- Chemical Engineering
- Civil Engineering/Water Resources
- Computer Science
- Mechanical Engineering
- Kinesiology & Health
- Medical Laboratory Science Program
- Nursing
- JD & MA in Environment and Natural Resource
- Energy Resource Management and Development



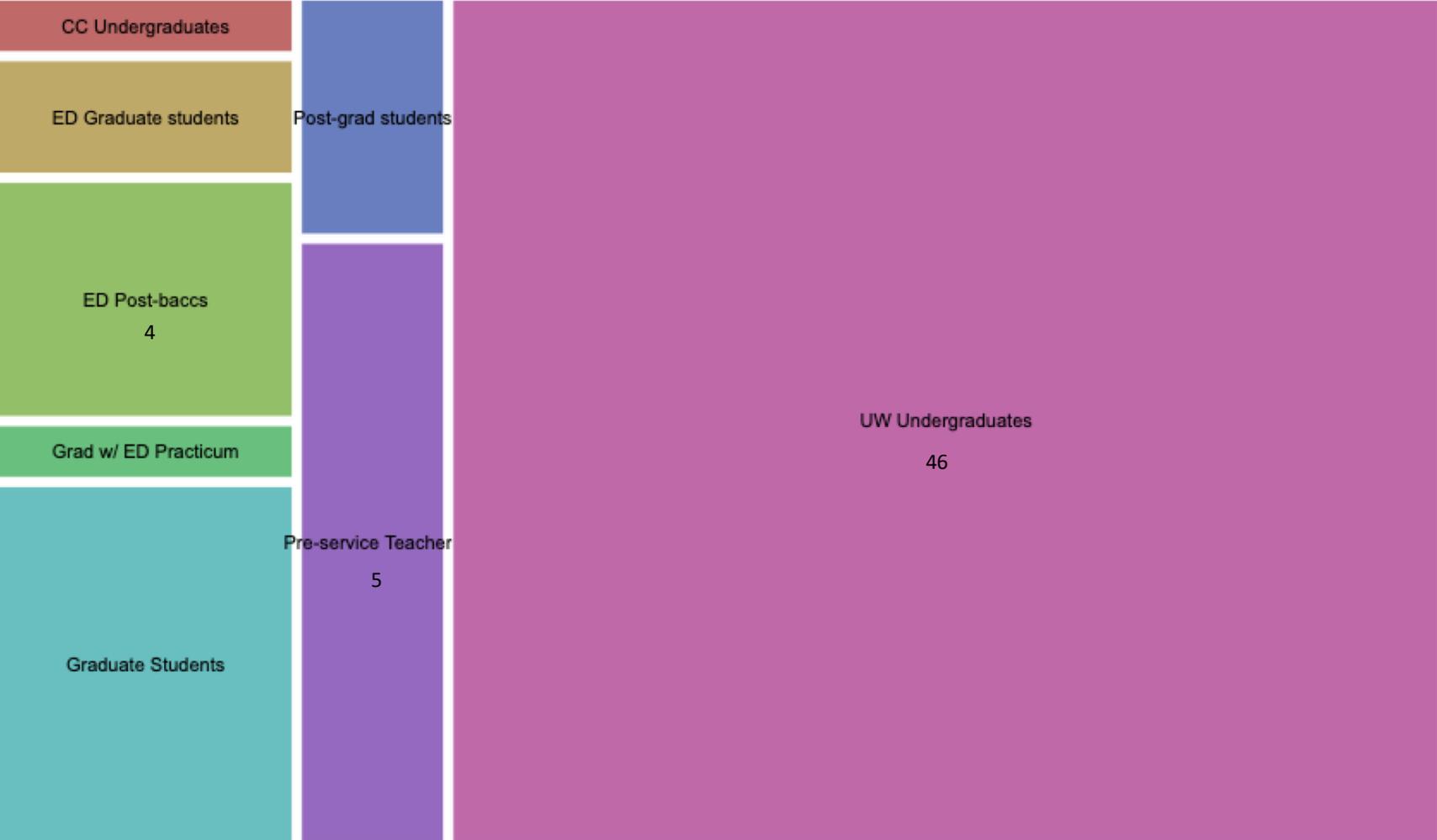
The yearlong LAMP Fellows program along with the spring graduate student training program will train 75 graduate students in STEM and STEM-related disciplines by the year 2022.



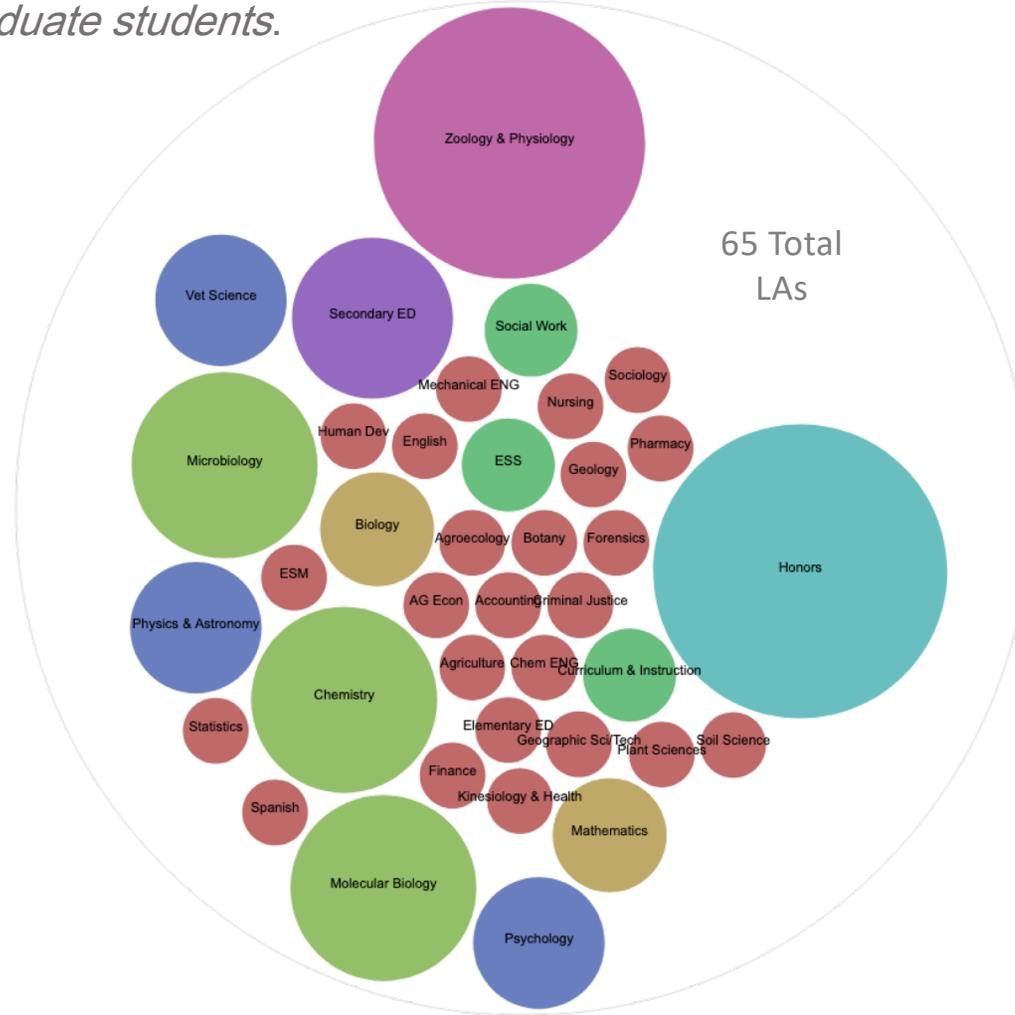
💡 By the year 2022, the yearlong LAMP Fellows Program will have trained at least two STEM educators from every one of the State's 7 community colleges.



 By the year 2022, the LAMP Scholars Learning Assistant Program will be providing a hands-on teaching experience in an active learning classroom and a 1-credit pedagogy course to at least 50% of the *students earning a post-bacc* from the College of Education. In 2018, twelve post-bacc students were admitted into the College of Education Program. If numbers remain equivalent, 50% would translate to 6 LAMP Post-bacc LAMP learning assistants.



 By the year 2022, the LAMP Scholars Learning Assistant Program will have provided a hands-on teaching experience in an active learning classroom and a 1-credit pedagogy course to 50 *undergraduate students*.

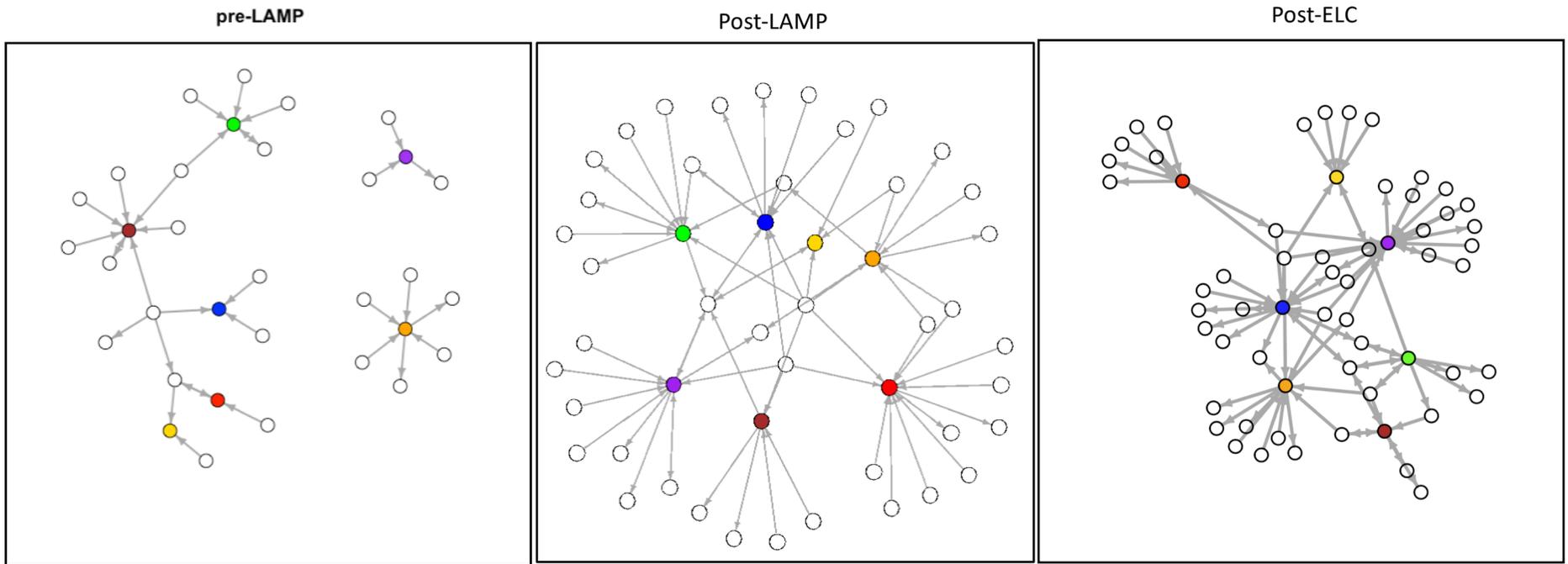




LAMP will have supported 50 K-16 educators to attend the Wyoming Department of Education Roadmap to STEAM Conference by 2022.

District	Wyoming Town	#LAMP-funded K-12 Educators	Year
Laramie	Cheyenne	3	2017
Sweetwater	Rock Springs	3	2017
Fremont	Riverton	4	2017
Natrona	Casper	1	2017
Hot Springs	Thermopolis	1	2017
Connections Academy	Private/Online	1	2017
Teton	Jackson	1	2017
Park	Cody	1	2017
Weston	Upton	1	2017
EWC	Torrington	2	2017
Sweetwater	Rock Springs	2	2018
Albany	Laramie	1	2018
Fremont	Riverton	1	2018
Crook	Moorcroft	1	2018
Campbell	Gillette	2	2018
St. Stephens	Riverton	1	2018
Converse	Douglas	1	2019
Sweetwater	Rock Springs	3	2019
Fremont	Riverton	3	2019
<b>TOTAL</b>		<b>33</b>	<b>2017-2019</b>

💡 Complete a full social network analysis by 2022



- Autumn
- Becky
- Clover
- Daphne
- Dawn
- Ebony
- The Wind