

Undergrad/Grad Education

1. Prof. MS degree in science in collaboration with Santa Fe business institute (1)
2. Faculty development-systemic change in curriculum etc. Sustainability, training the trainer. (4) **Edward Martinez**
3. Module development for STEM disciplines, including into excising classes. (6) **Robert Long**, Dana Ulmer-Scholle, Adrian Hanson
4. Undergraduate research opportunity program in the field expert. (13) **Mike Pullin**, Edward Martinez, Barbara Klein,
5. Pre-UROP mentoring program and post UROP support. (3)—combine with #4
6. UROP program in conjunction with drilling platform (3) **Mark Person**
7. Freshman sustainability course with research experiences of project-based tied into courses
8. Biological fuel externships (5) **Becky Bixby**
9. Undergrad/grad outreach to high schools (2)
10. Common science workshops, faculty grad undergrad, HS→ college
11. Multi-institute peer mentoring program (2)
12. University and community college remediation programs, under-preparedness, boot camps, year zero (6) **Linda LaGrange**, Phyllis Baca
13. 1 on 1 mentoring for science fair projects + EPSCoR award money (2) **Mike Heagy**
14. Course or project based program for quant. analysis of energy flows impact on water and environment
15. El Rito biological field sustainability course, undergraduate, graduate, faculty. Socioeconomic EWE. Biomass demo. facility (8) **James Biggs**
16. Multidiscipline poster symposia at all institutions, M&S day at legislature (3) **Robert Long**
17. Seminar series for regular school “webinars” (2)
18. Web database of courses and content, 2+2, 2+3 programs (2)
19. Capacity building at small schools (faculty, instruments); research including math and science; STEM corps for New Mexico as visiting facility to small schools; sharing courses. (7) **Nader Vadiee**, Barbara Klein
20. Sabbatical support for faculty to visit small schools. (5) **Nader Vadiee**, Mike Pullin
21. Inter-institutional distance and education courses. (1)
22. Fund for graduate student equipment matching program. (3)
23. Mobile platform for technician training in water and alternative energy solution (2) **Adrian Hanson**
24. Scale LSAMP to entire state (2)
25. You-tube videos of scientists, KNME science spots (6) **Mike Heagy**, David Hanson
26. STEM learning communities on Friday afternoons and special topic courses (2)
27. Travel funds for small school travel for training, conferences, etc. and teaching time buyout. (6) **Juchao Yan**

28. W.F. development for 2 year schools EWE specialties **Adrian Hanson**
29. General education course interdisciplinary EWE and Socioeconomic (1)
30. Energy-land game built by undergraduates and graduates, game development (5) **Andrea Mammoli**
31. Post doc collaboration with national labs (1)
32. Faculty leadership training
33. 2-3 day short courses, certification programs, webinar, DVD certificate (1)
34. Developing curricula for 2 year community college