

# MaryKay Orgill

#### Professor

#### Department of Chemistry and Biochemistry

- Ph.D., Chemistry, Purdue University
- Fellow, Royal Society of Chemistry
- Fellow, American Chemical Society
- Former Chair, ACS Division of Chemical Education
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#### Areas of Expertise

- Chemistry Education
- Biochemistry Education

#### Research Summary:

I am interested in using qualitative research techniques to examine and improve undergraduate chemistry teaching and learning. Ourrently, this involves looking at how students understand concepts and solve problems in chemistry classes, how they visualize different chemical concepts, how they use language to make sense of chemical concepts, and how a systems thinking approach to chemistry teaching might be used to help students learn chemistry more meaningfully. I have also been involved in a number of projects that provide professional development opportunities to faculty and K-12 teachers.



#### Dr. Alison Sloat Professorin-Residence College of Sciences Email: alison.sloat@unlv.edu

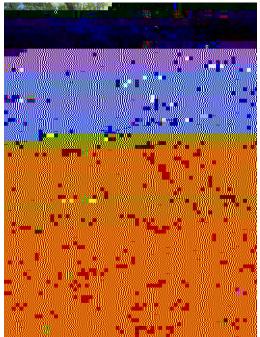


### STEM Outreach Programs ‡ Las Vegas Urban Forest Center ‡

## Las Vegas Urban Forest Center

- ‡ Plant 3,000 trees in underserved areas of Clark County
- ‡ Educate 45 Arboristisn-Training
- ‡ Community tree planting education and workshops
- ‡ 5-years, \$5 million from USDA Forest Service





Want to help? Contact: Dr. Alison Sloat Professorin-Residence

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# **STEM Education Research**

Dr. Jenifer C. Utz







