Technology Infusion Road Tour Presentation

Outline

- Bachelor of Science in Biology, Bachelor of Science in Environmental and Resource Science
  - Concentrations: Cell & Molecular, Ecology & Evolution, Physiology
  - Biology, Cell Processes, Genetics, Evolution, Molecular Biology, Immunology, Endocrinology, Mammalian Physiology, Ecology, (Inorganic, Organic, and Biochemistry), Physics, Statistics
  - Environmental Science, Geology, Geographic Information System, Hydrology, Soils, Conservation Biology, Pollution, Desert Plants, Environmental Measurements & Analysis, Environmental Regulations, Law & Methods
Technology Infusion Road Tour Presentation

Outline

• Accomplishments
  – Stabilized red fluorophore against photo bleaching
Nevada State College

"My molecule is brighter than yours"
Nevada State Chemistry

Zachary Woydziak, Ph.D.
Why Nevada State College?

- Supportive and Exciting Collegial Environment
- Teaching Focused
- Work with Diverse Groups
- Research with Undergraduate Students
- Build an Effective Chemistry Degree Program
Teaching at NSC

Going beyond the normal classroom experience:

- Study Group Sessions
- Challenge Problems
- Trophy of Glory
- Firsthand use of “expensive” equipment
Research at NSC

Strong Undergraduate Research Program

Primary Goal – To prepare students for professional programs and careers.
## Student Successes

<table>
<thead>
<tr>
<th>Position</th>
<th>Former Student(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medical School</td>
<td>Emily Diller (M.D. program), Crystal Lake (M.D. program), Jenny Reategui (D.O. Program)</td>
</tr>
<tr>
<td>Graduate School</td>
<td>Lynda Burns (Ph.D. program), Samuel Bassong (Ph.D. program), Maya Zawlodzki (Ph.D. program), Jacob Sorrentino (Ph.D. program), Juana Garcia (Ph.D. program)</td>
</tr>
<tr>
<td>Veterinarian School</td>
<td>Danielle Thomas</td>
</tr>
<tr>
<td>Dental School</td>
<td>Alex Audrus, Jihoon Kim</td>
</tr>
<tr>
<td>Other Positions</td>
<td>Nicole Vita (Research tech - St. Jude), Samuel Goodrich (Acting Director of the Student Academic Center at NSC)</td>
</tr>
</tbody>
</table>