

# DIVERSITY IN CHEMISTRY

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**Undergraduate Research:** Through research directed towards an understanding of nucleic acid damage at the molecular level, undergraduate students (~5/yr) are fully submerge in scientific culture and are taught to develop and execute projects with high impact. This model will be further extended to entering college and community college students through the establishment of an NSF-Undergraduate Research Center (CHE-O418296). This center is designed to reach large numbers of college students during or before their first academic year.

**Diversification of the Chemical Workforce through Curriculum Development:** Diversity is essential for the advancement of the chemical profession. This program seeks to address this issue through a curriculum which targets the following groups:

- Non-traditional students who have taken long breaks from academic studies due to personal circumstances.
- Students who received degrees in other scientific disciplines and would now like to obtain a graduate degree in chemistry.
- Students who are not prepared for the culture of a large graduate program.
- Students from underrepresented groups who either choose not to or do not feel prepared to compete first in a traditional graduate program.

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