

# 2016 SURP

9th Year

Students, faculty and the institution benefit when a vibrant undergraduate research culture is an important part of the University's identity.

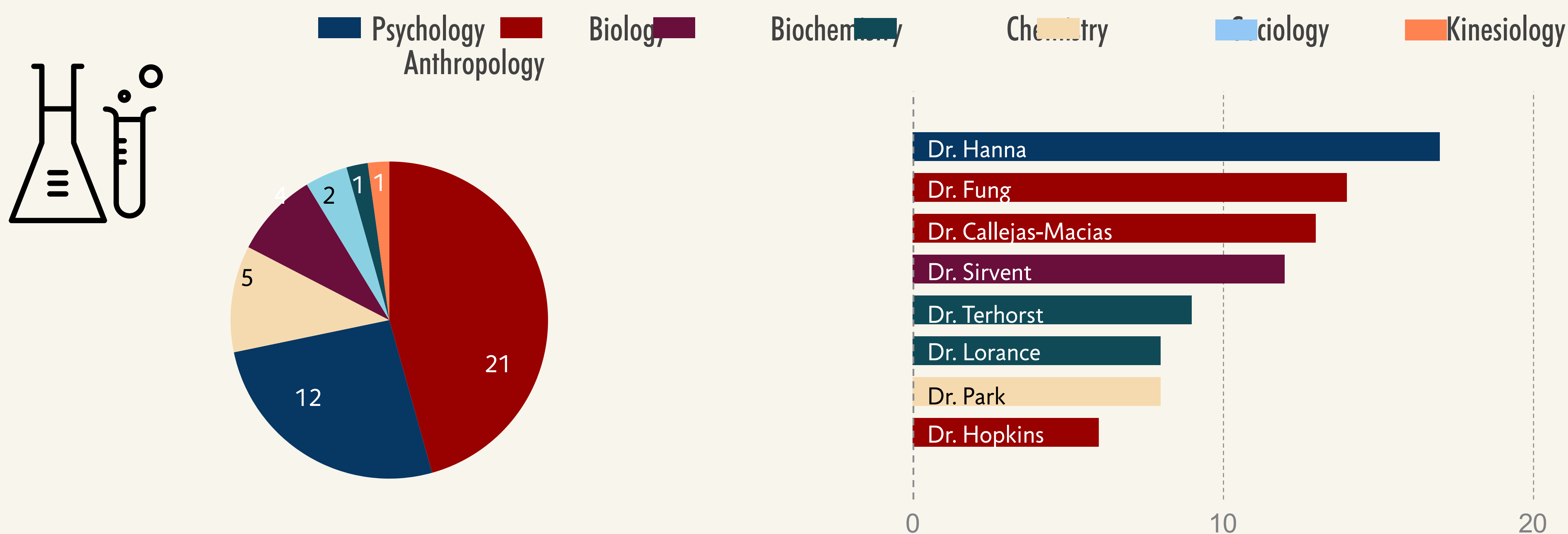
Sponsored by



## Undergraduate Research

The advantage of allowing students to engage in scientific inquiry on Vanguard's campus is directly correlated to increased student participation in the learning process, increased retention, enhanced learning experiences for all students (including non-majors) who enroll in a laboratory course, and a practical example of the integration of faith and learning.

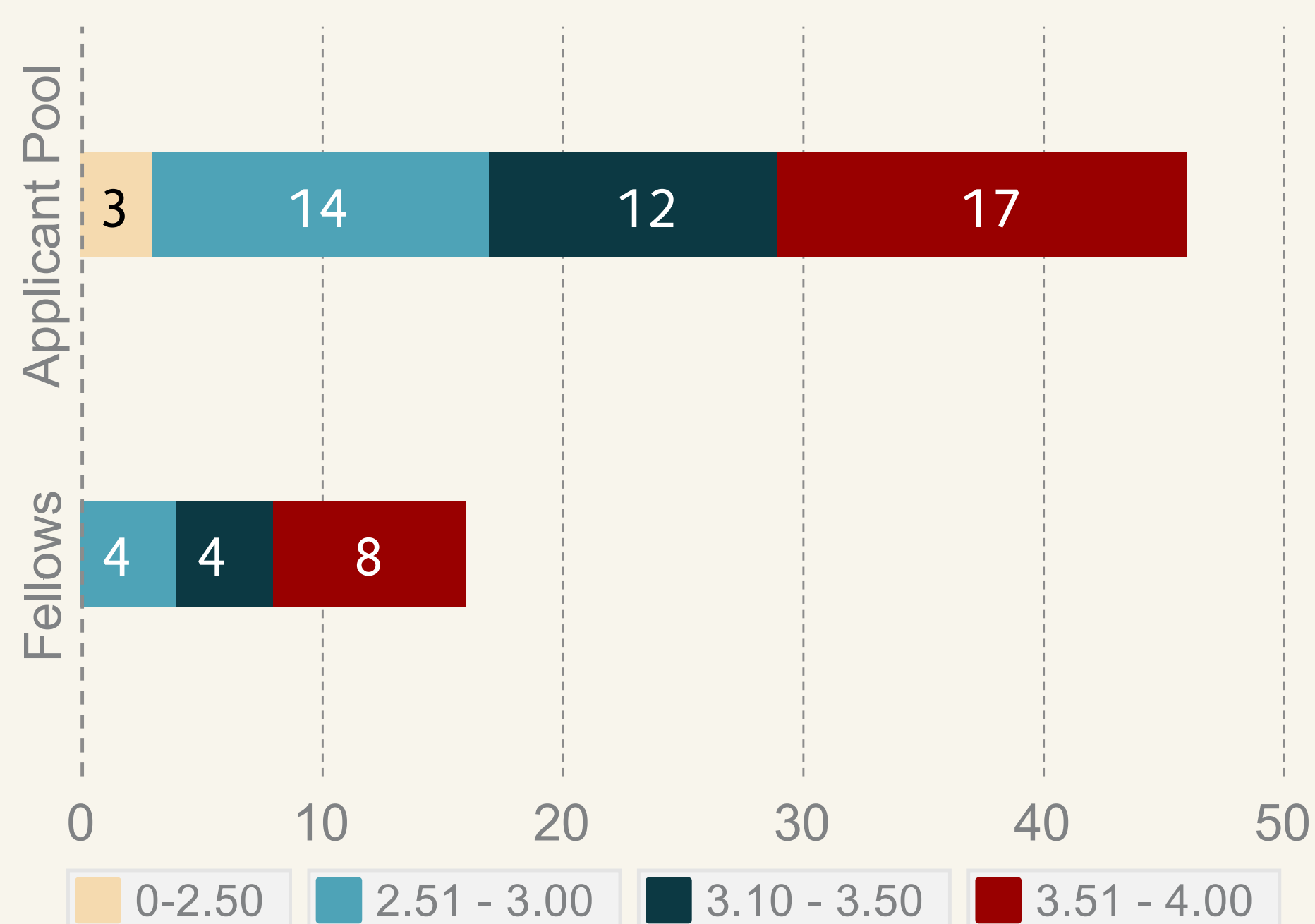
46 Applicants - 34 and 12



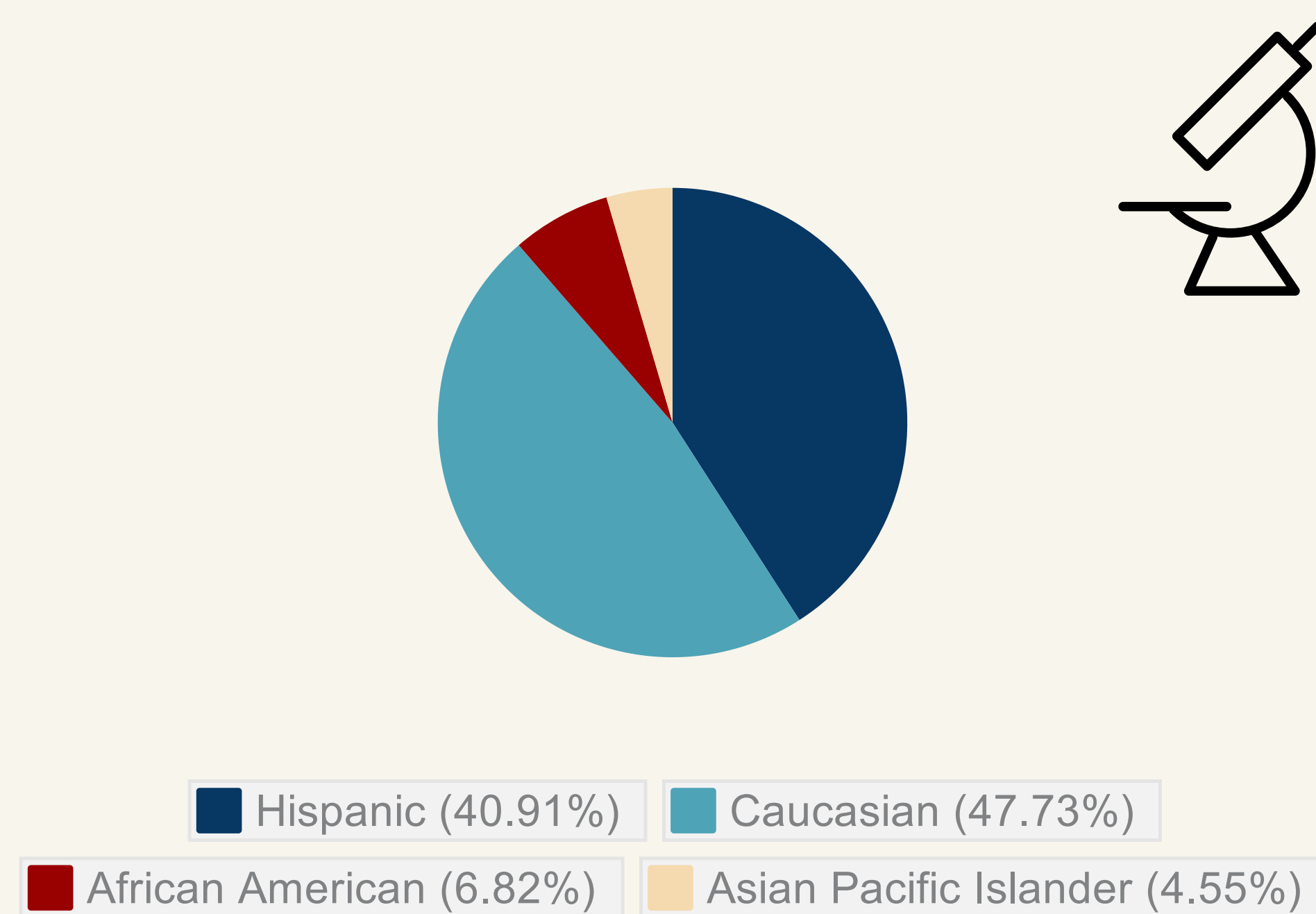
Applicant by Major

Requested Faculty Mentors by Discipline

Typically 80% of SURP Fellows request on campus housing.



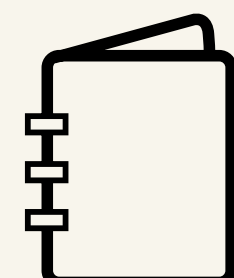
GPA



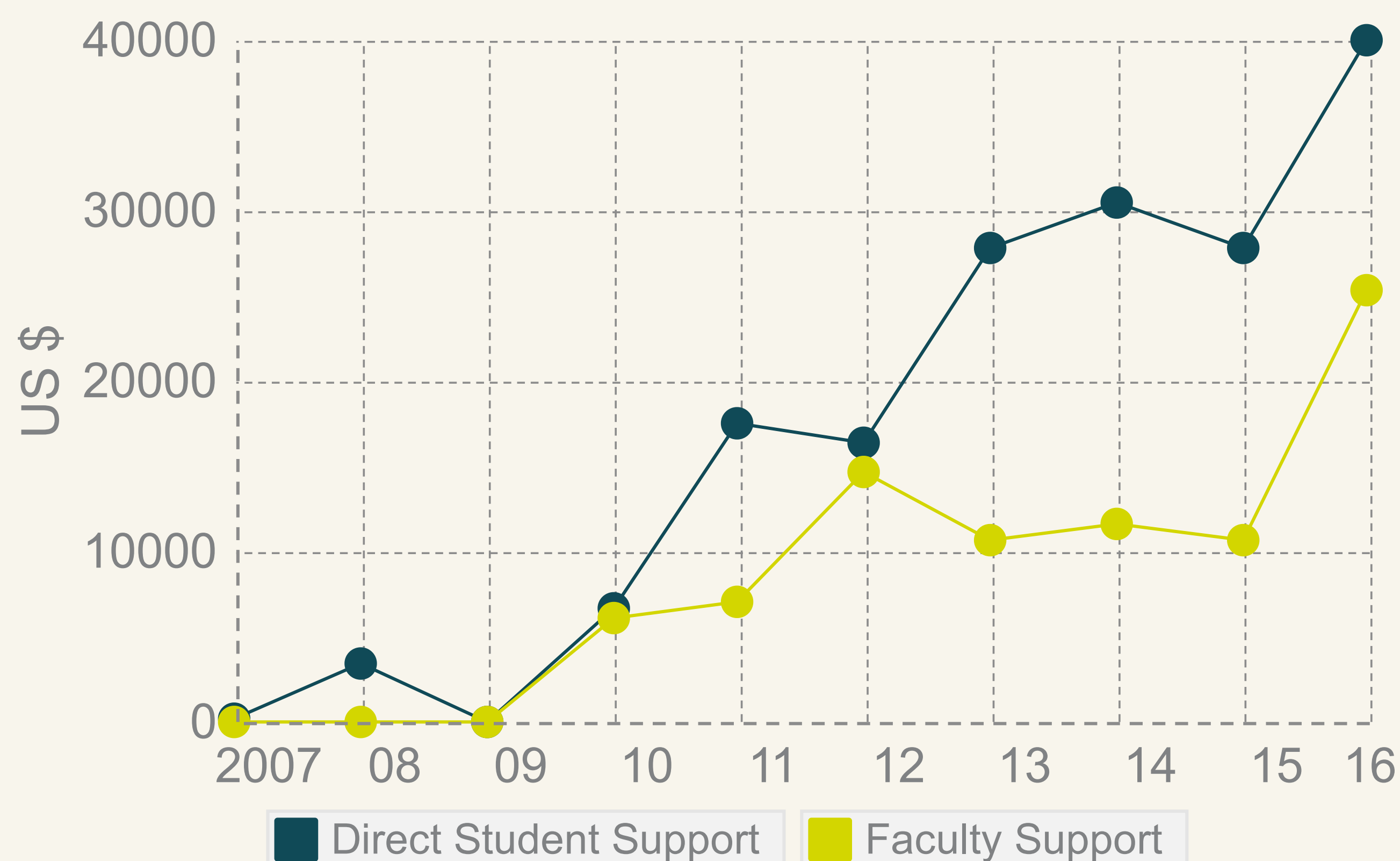
Ethnicity of Applicant Pool

### Program Highlights:

Library Research Skills  
Method Development  
Ethics Training



## Trends in SURP - Budget

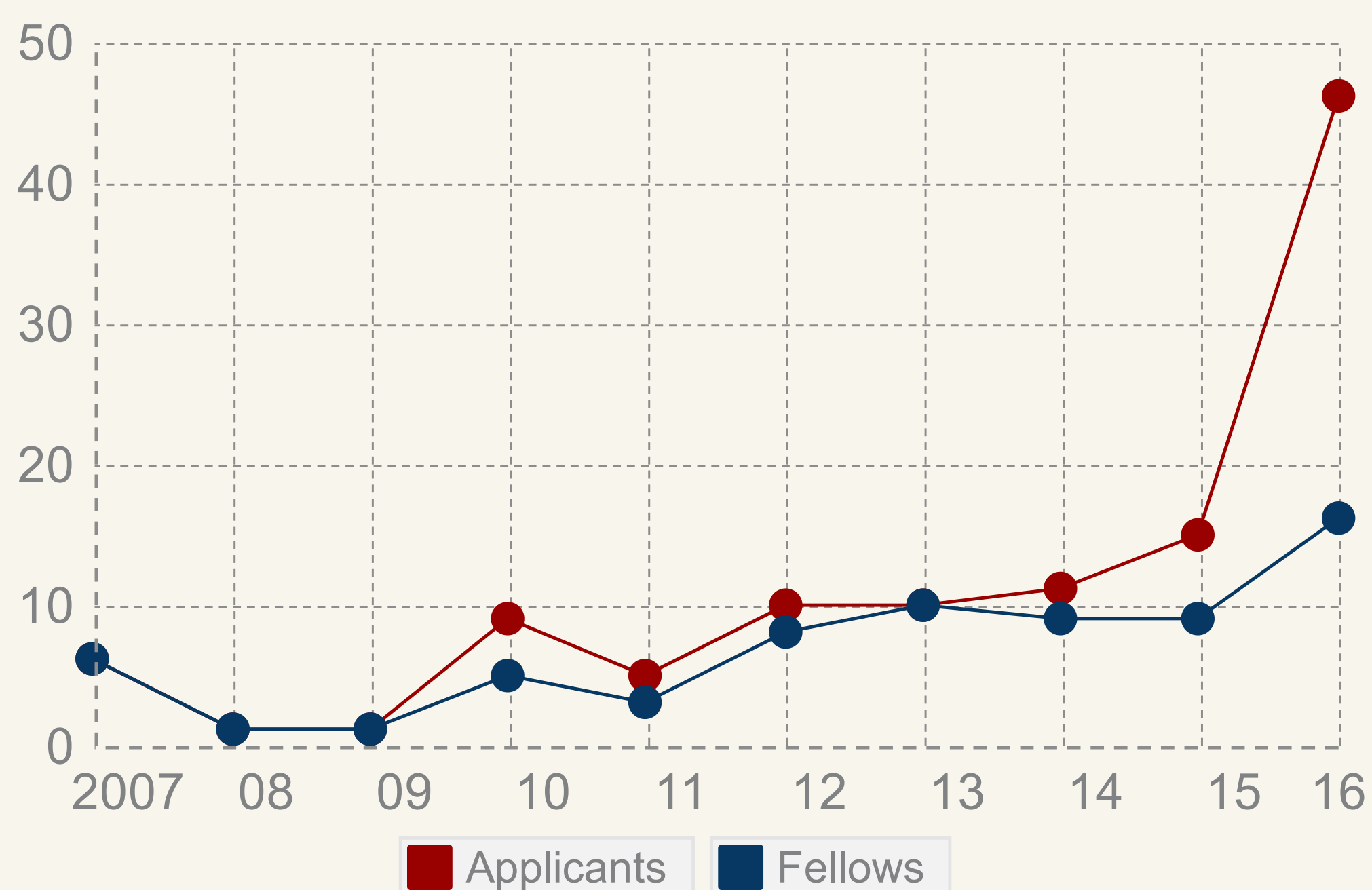


**\$ 4280** Total Benefit -  
 Student Stipend: \$2500,  
 Academic Scholarship: \$880  
 & Housing

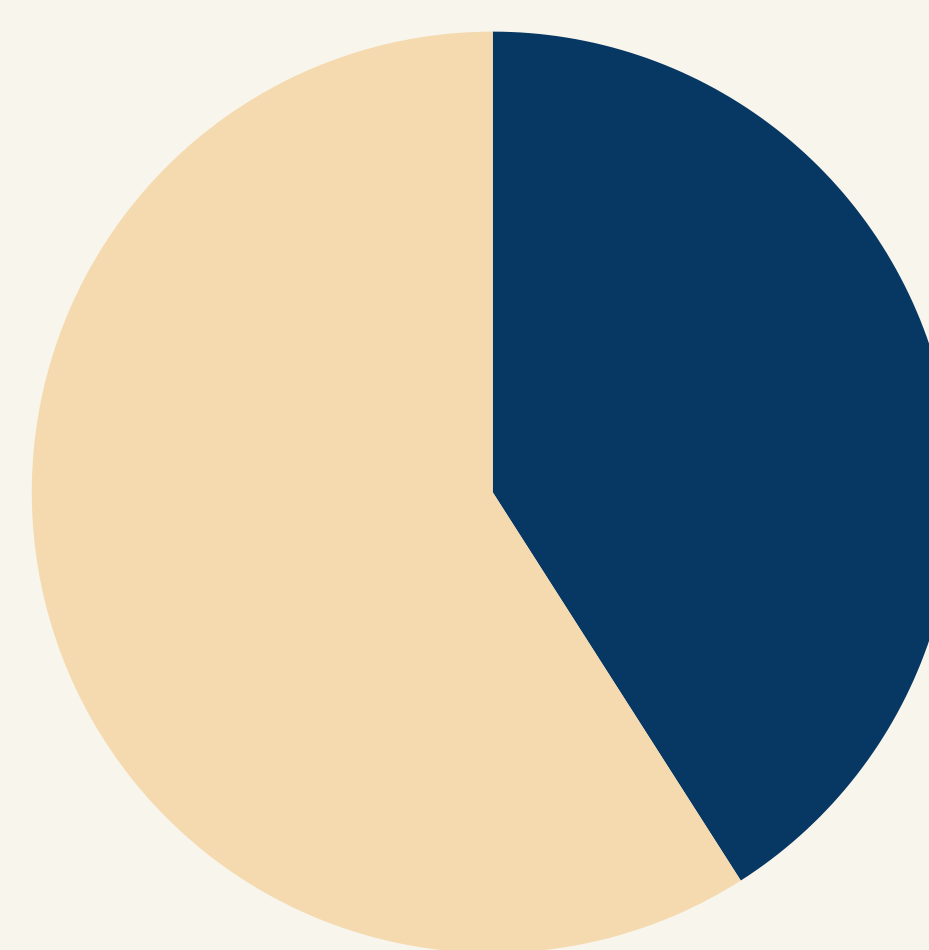
\$ Average Faculty Stipend	
2-3 students/faculty	\$3150

SURP began within the Department of Chemistry in 2007 with 6 students and 2 faculty members who volunteered their time. In 2012 and 2016, cross-disciplinary collaborations with Sociology and Psychology were respectively added. Currently, 22 students are collaborating in UGR with 8 faculty in 2016.

## Steady increase of Applicants (tripling in 2016)

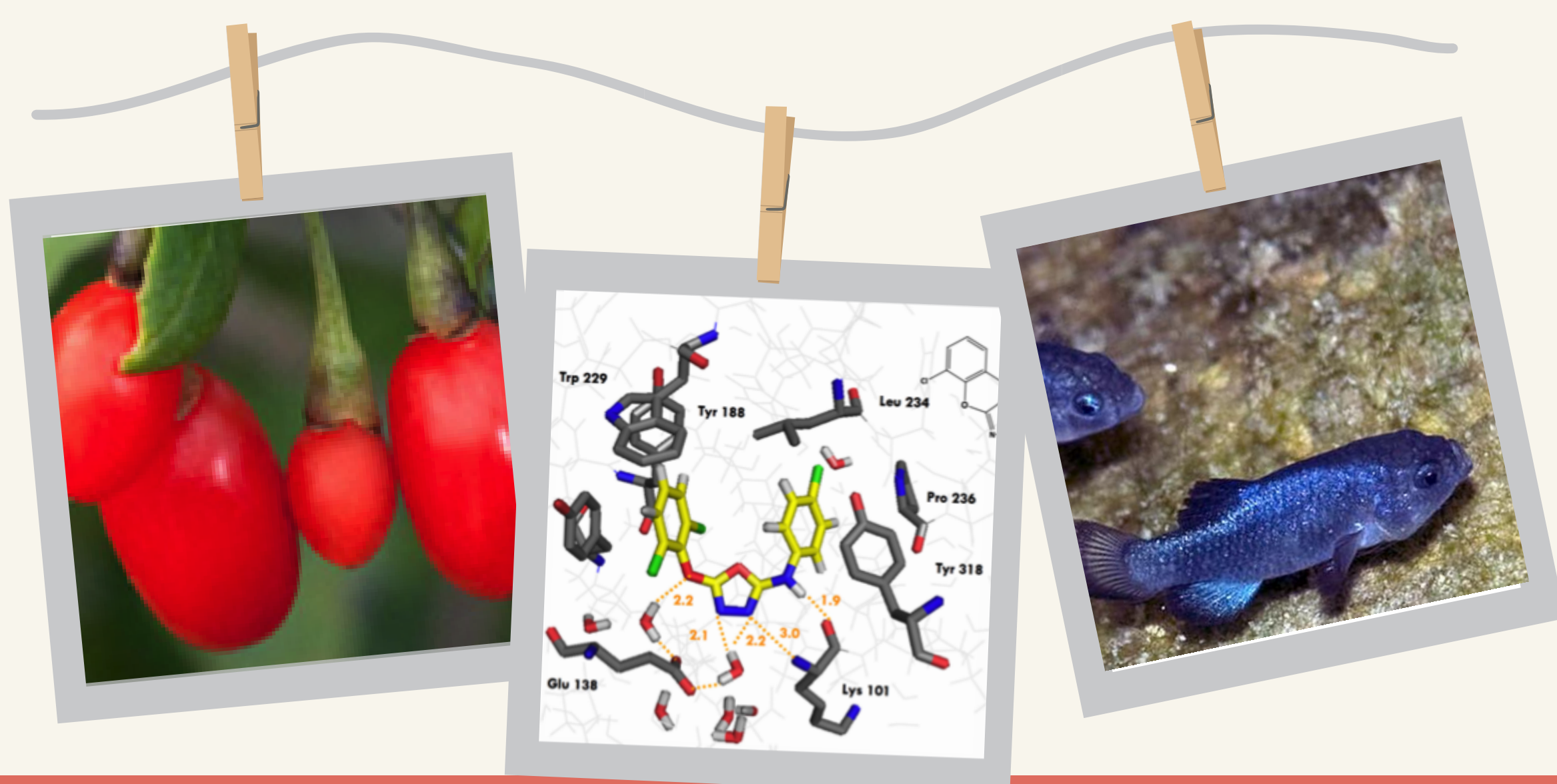


## Cost Sharing (Title V commenced in 2016)



Vanguard Funds (40.96%) Title V Funds (59.04%)

Projects include work on:  
 Developing HIV drug targets  
 Drug Reconsolidation  
 Religious Salience and the Immigrant Effect  
 Monitoring Endangered Desert Pupfish  
 Transgenic Mice Genotyping  
 Nutraceutical Meta-analysis Research  
 Brain Development and its role in Alzheimer's  
 Hydrothermal Reactions of Esters and Nitriles



More Information on UGR as a HIP...

<https://www.aacu.org/publications-research/periodicals/undergraduate-research-high-impact-student-experience>

<http://www.cur.org/assets/1/7/fall09brakke.pdf>