

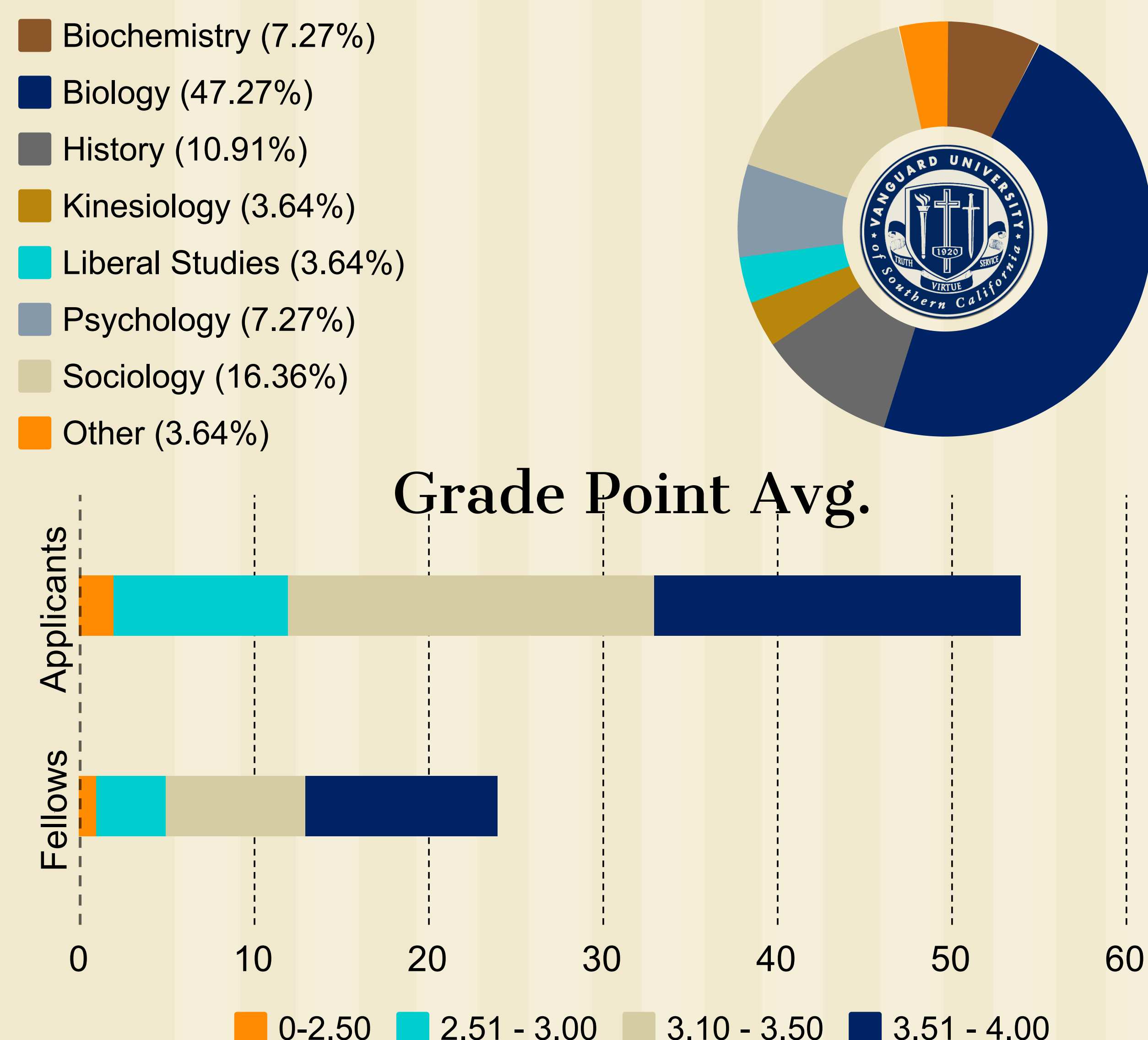
SURP 2018



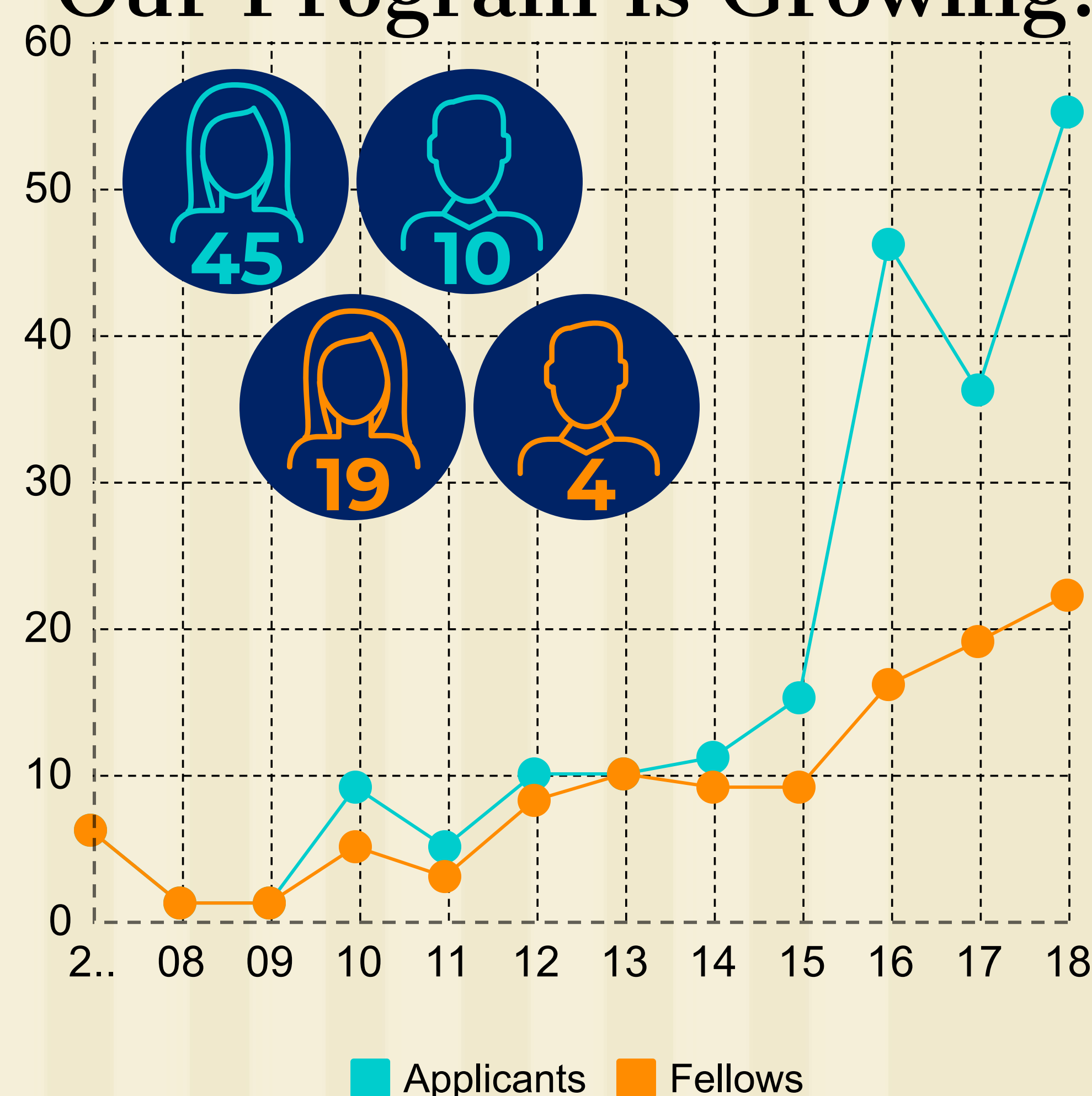
11th Year

Students, faculty, and the institution benefit when a vibrant undergraduate research culture is an important part of the University's identity. Engagement in empirical research is directly correlated to increased student participation in the learning process, increased retention, enhanced learning experiences, and exemplifies a practical approach of integrating faith and learning.

OUR APPLICANTS



Our Program is Growing!



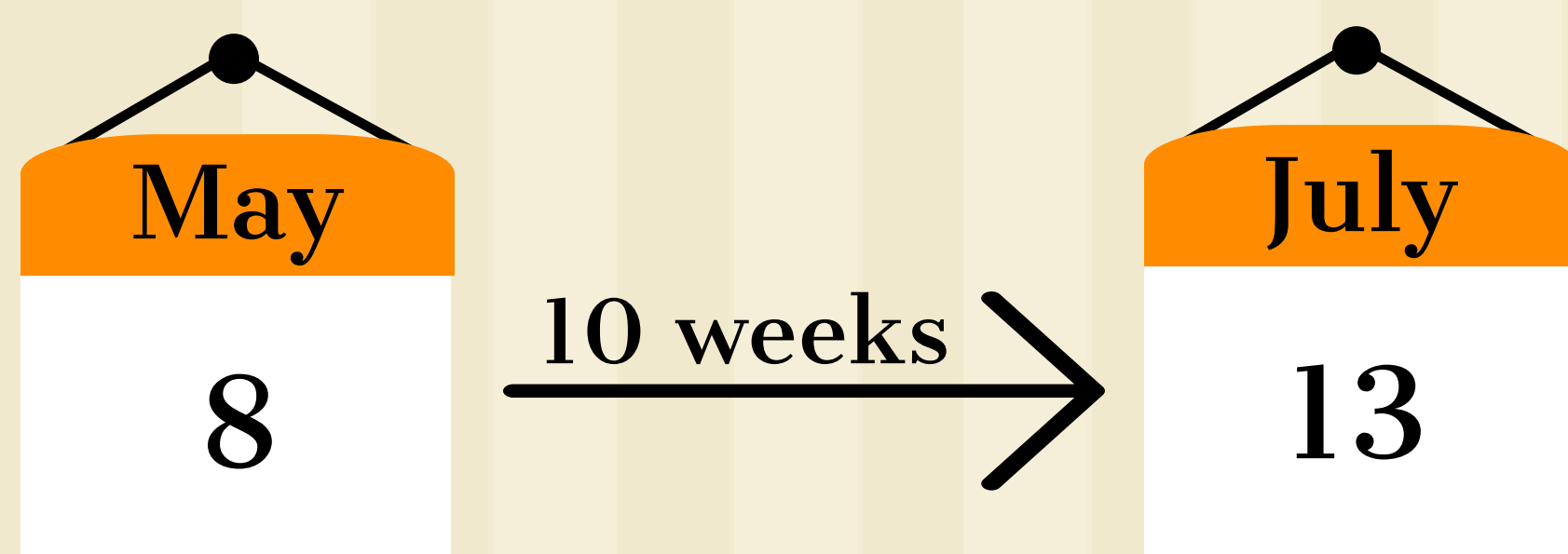
PROGRAM HIGHLIGHTS

51% Hispanic Enrollment

75% request housing

41% are employed outside of SURP

57% are STEM majors!



- Library Research Skills
- Ethics Training
- Oral & Poster Presentations
- Method Development
- Develop Laboratory Skills
- Gain Teamwork & Collaboration Skills



"This opportunity has provided me with the confidence and determination in science I so desired. SURP gave me the independence to create and optimize my own protocols! I was able to develop my lab skills and collaborate with some of the most talented students! Thank you to God, my family, and Dr. Sirvent for pushing me and believing in me!"

-Tracy Samaniego (Biology, 2017)

"SURP helped me grow as a young researcher by challenging me with new knowledge and laboratory techniques. The most valuable part of my research experience was the constant encouragement and support I received from my mentor and SURP fellows!"

-Paige Braden (Psychology, 2017)



"I am thankful to have been given the opportunity to participate in SURP 2017. Through this program, I was able to learn more about the process of developing a research project. It was also through SURP that I was able to make some extraordinary friends!"

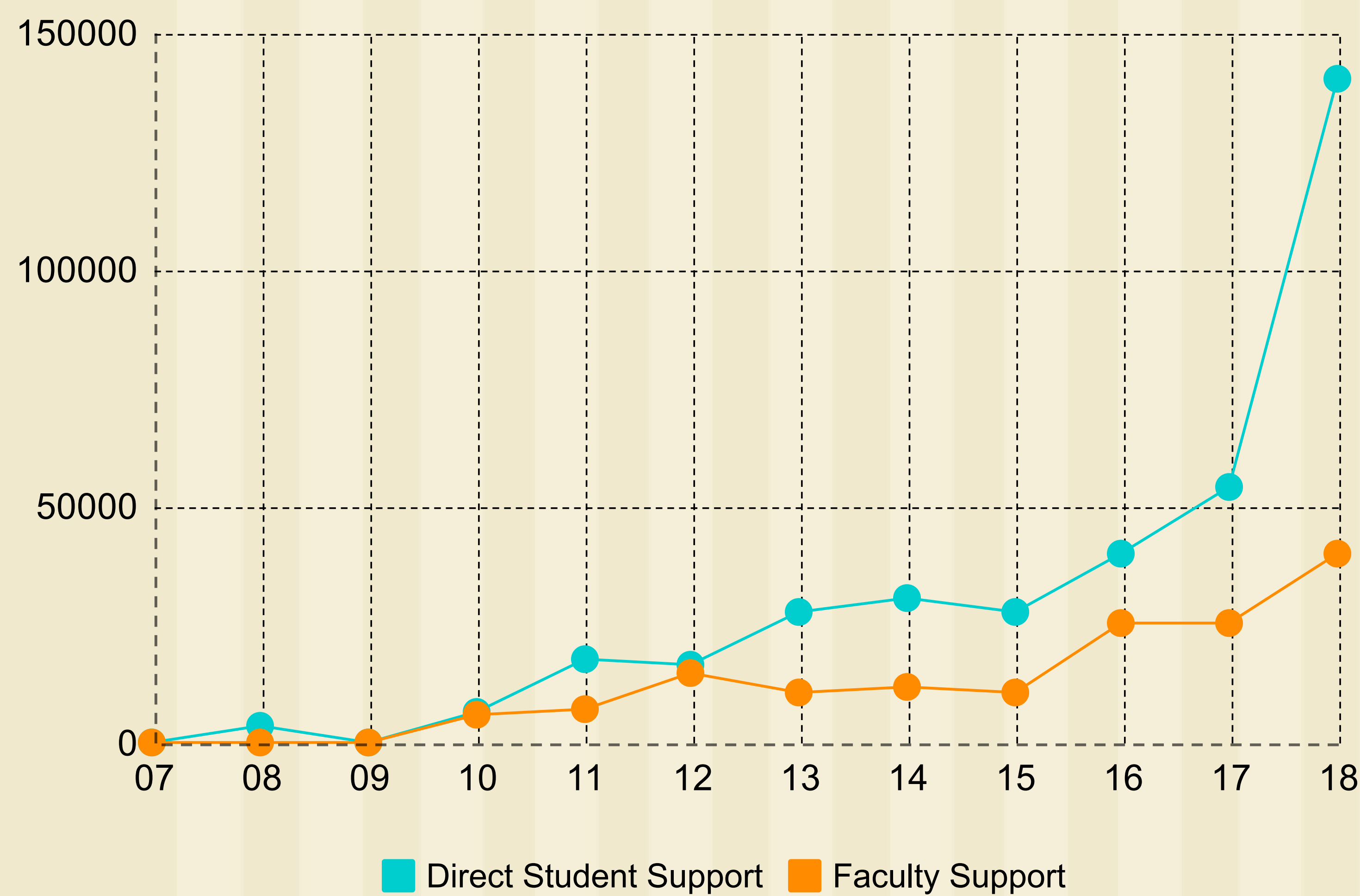
-Emily Andrade (Sociology, 2019)

"SURP continuously challenged me to learn new ways of research skills through computational chemistry. I was constantly excited and interested in my research, and SURP made me excited to pursue more research in the future!"

-Mia Kilekas (Biology, 2018)



BUDGET INFO



SURP began within the Department of Chemistry in 2007 with 6 students and 2 faculty members who volunteered their time. In recent years, cross-disciplinary collaborations with Sociology, Psychology, and History were added. This year there are 10 faculty members and 31 students participating in the program.

\$ **4,990** /student

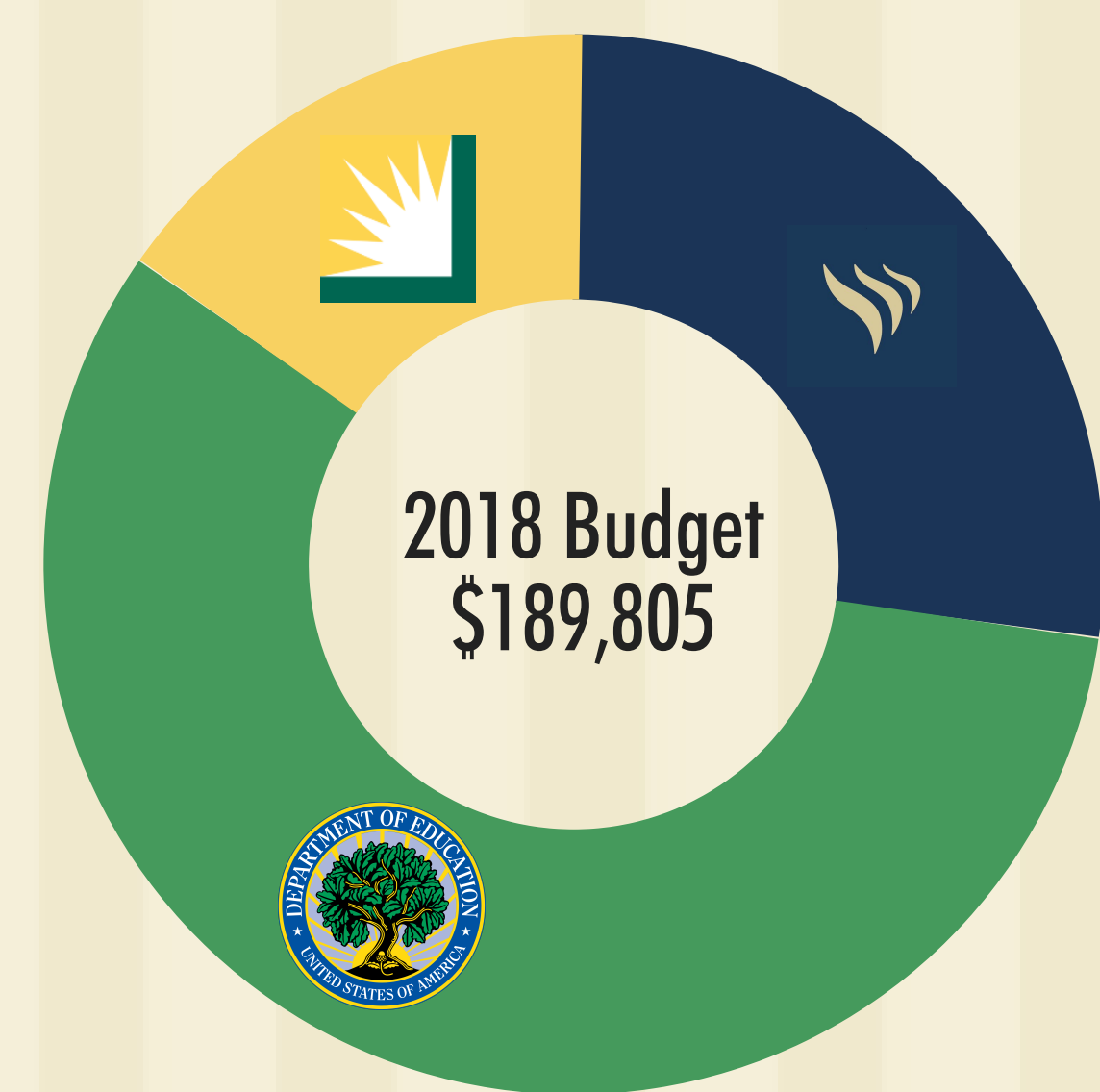
Total Benefit -

SURP Fellow Stipend: \$3,000

SURP Mentor Stipend: \$3,645

Academic Scholarship: \$940

On-campus Housing: \$1050



Vanguard Funds (27.15%) Title V Funds (57.45%) SCE Funds (15.40%)

THIS YEARS PROJECTS



Dr. John Terhorst
Developing HIV drug targets



Dr. Itzel Calleja-Macias
Type II Diabetes variation on
Hispanic Populations



Dr. Siamin Fung
Characterization of E-cadherin
in Drosophila Brain



Joshua Thompson
Characterization of serotonin
in Brassica rapa



Dr. Roxanna Ochoa
Biological Control of Nematode Parasites
with Nematophagous Fungi



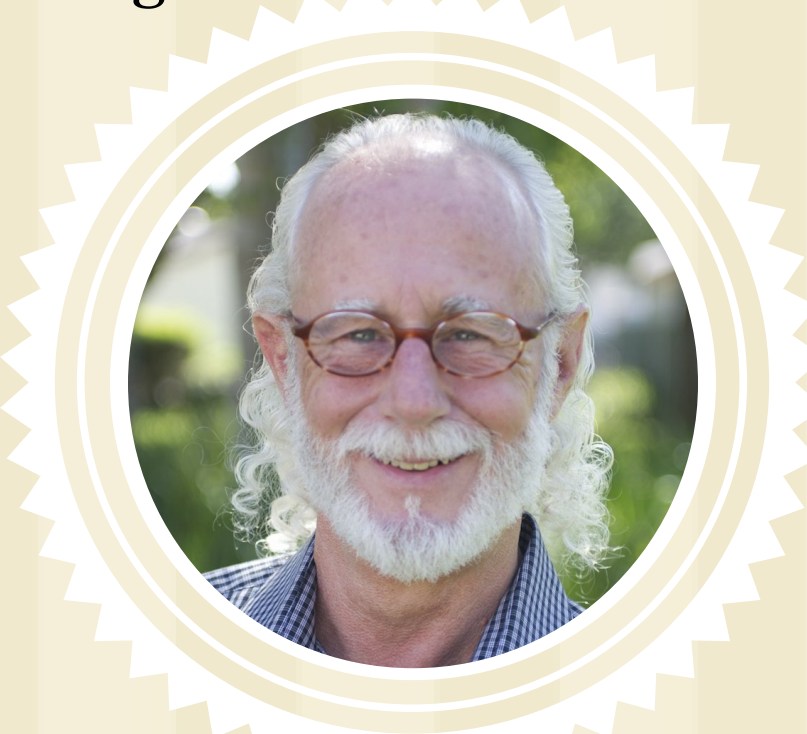
Dr. Jorge Reyes Ruiz
Alzheimer's Disease and the
Immune System



Dr. Tara Sirvent
Microbial Biodiversity within
California Deserts



Dr. Alex Lin
Latino Youth Participation in
Afterschool Activities



Dr. Ed Clarke
Exploring Political Ideologies and
Activism of College Students



Dr. Kristen Lashua
Life in the Royal Navy



Dr. Michael Hanna
Disruption of Methamphetamine
Associated Memories

Dr. Michael Hanna, SURP Coordinator
Carrie Renes, Grants and Research Administrative Assistant