

Report of Research Council activities, 2018–2019 Academic Year

Steve Westrop, Research Council Chair

Council Membership: Joel Burcham (Music); Julia Ehrhardt (Honors); Lee Fithian (Architecture); Xun Ge (Educational Psychology); Michael Givel (Political Science); Piers Hale (History of Science; *Chair Elect*); Gary Hoover (Economics); Rebecca Huskey (Classics and Letters); Lee Krumholz (Microbiology & Plant Biology); Allison Palmer (Visual Arts); Tina Dothard Peterson (Social Work); Scott Russell (Microbiology & Plant Biology); Li Song (Aerospace and Mechanical Engineering); Stephen Westrop (Geology and Geophysics & Sam Noble Museum; *Chair*); Yan (Rockee) Zhang (Electrical and Computer Engineering).

Budget: A total of \$400,000 was split between the Faculty Investment Program (\$250,000) and Junior Faculty Fellowships (\$150,000). This amount is unchanged from FY 18 and down slightly from FY 17 (\$235,000). Funds were exhausted after the April meeting, and proposals submitted for consideration at the May meeting will be deferred until the September meeting.

Faculty Investment Program (FIP)

From September–April, 21 proposals were funded out of a total of 54 submissions (39% success rate). Fifteen proposals were funded on the first attempt; of nine revised submissions, six were funded (67% success rate). The overall success rate has not changed appreciably over the last three years (Fig. 1).

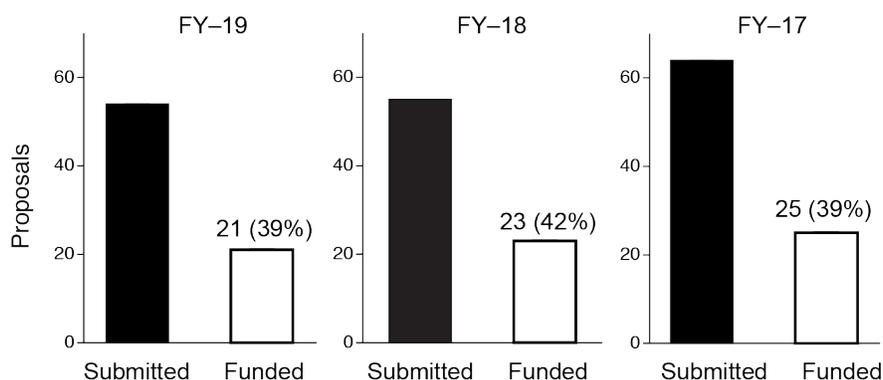


Figure 1. Number of FIP proposals funded over the last 3 years

Funding by discipline: Science & Engineering: 12/22 (55%); Social and behavioral science: 3/11 (27%); Humanities & Fine Art, 5/14 (36%); Education, Professional & other, 1/7 (14%). By PI gender: 11 women; 10 men

The relatively high success rate of proposals from science and engineering is a feature of the last three years (Fig. 2) although, unsurprisingly, proposals funded in discipline categories during this period is strongly correlated to the number submitted in each category (r , 0.96; r^2 from least squares regression, 0.92).

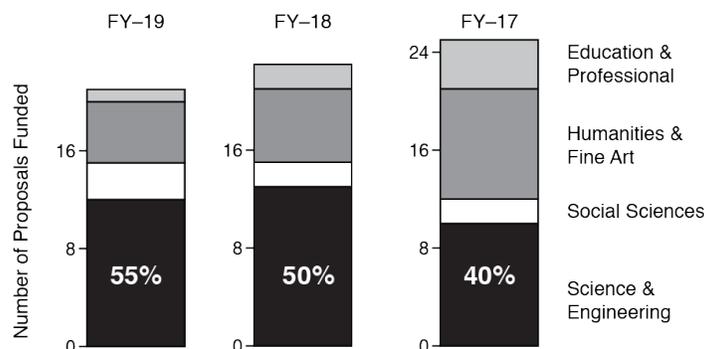


Figure 2. Stacked bar charts showing FIP proposals funded by discipline group over the last three years. Roughly half of the funded proposals were in science and engineering.

Junior Faculty Fellowship (JFF)

Submissions were lower in FY-19 (35) than in FY-18 and FY-17 (54 in both years). In FY-19, 14 proposals were funded (40% success rate; Fig. 3), with some residual funds transferred to the FIP program, which was running short of money.

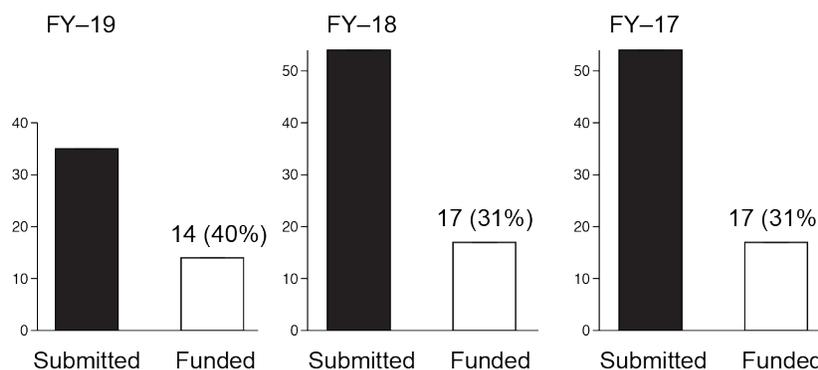


Figure 3. Number of JFF proposals funded over the last 3 years

Funding by discipline (Fig. 4): Science & Engineering, 7/10 (70%); Social Sciences, 5/12 (42%); Humanities, Fine Art, Education, & Professional 2/13 (15%). By PI gender: 10 women; 4 men

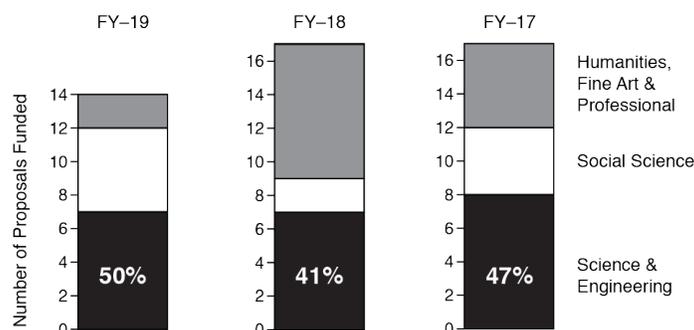


Figure 4. Stacked bar charts showing JFF proposals funded by discipline group over the last three years. Roughly half of the funded proposals were in science and engineering.

Awards

George Lynn Cross Professorship: Helen Zgurskaya (from three candidates).

Rinsland Memorial Award: Curt Adams (from two candidates).