



GRANTS OPERATIONS – FY23 2nd QUARTER REPORT

October 1 – December 31, 2022

Introduction

The Grants Operations Team supports College of Arts and Sciences (CAS) faculty and other researchers by managing the administrative aspects of their research grants. We provide resources, systems, and support so faculty can focus on conducting research and creating knowledge.

This quarterly report is intended to present a college-wide view of external, approved proposal submissions and new awards made to college faculty and researchers. Award data are maintained by the university Office of the Vice President for Research, and are publicly available at: <http://sam.research.sc.edu/awards.html>

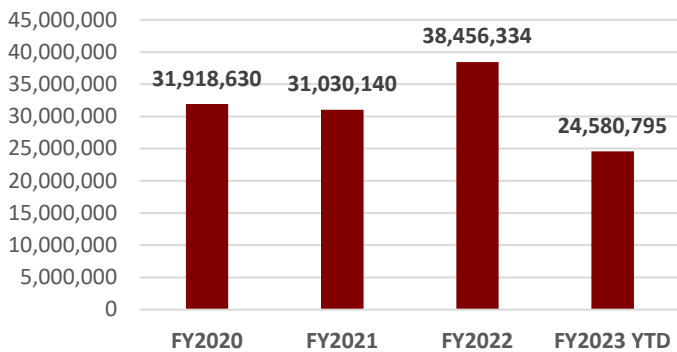
Data on proposals are sourced from the university’s electronic research administration system, USCeRA.

In the first half of FY23, CAS faculty and researchers have been awarded more than \$24.5 million for research, service, and training. This continues the positive trend started in FY22.

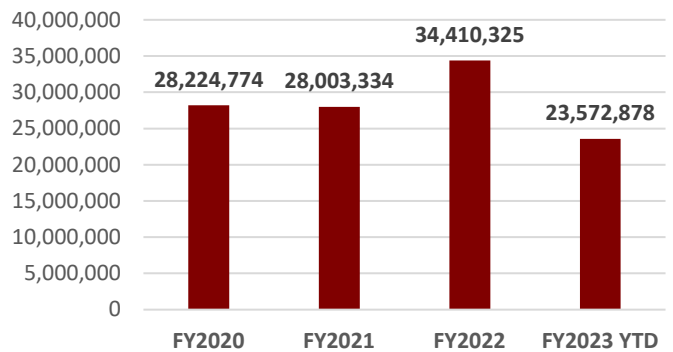
External Funding Awarded to CAS Faculty

The Office of the Vice President for Research (VPR) tracks and reports funding by unit, source, and purpose and publishes these data on their website (<https://sam.research.sc.edu/awards.html>).

Funding in \$ - Research, Service and Training



Funding in \$ - Research Only

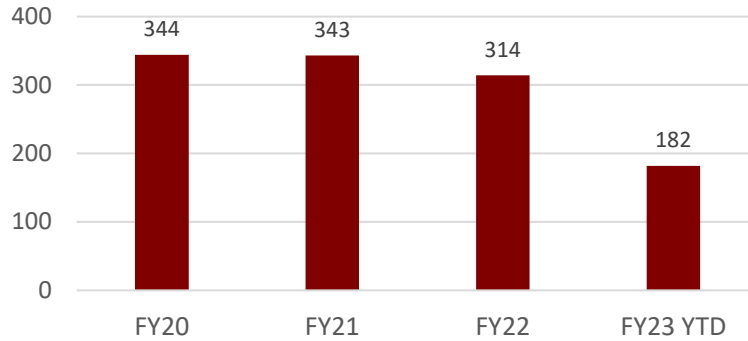


Please note that the VPR’s office recently announced [new online Research Dashboards](#), showing the latest data on sponsored awards as well as research expenditures.

Proposal Submissions by CAS Faculty

The University Electronic Research Administration (USCeRA) system is the university's primary tool for proposal and award administration. USCeRA allows us to track proposal submission trends.

External Approved Proposals as Lead PI



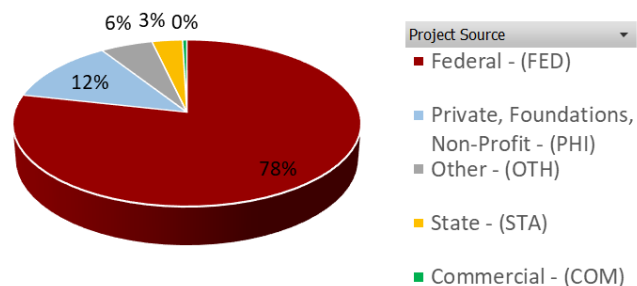
| External, Approved Proposal Submissions by Lead PI Unit | | | | |
|---|------------|------------|------------|------------|
| Lead PI Unit | FY20 | FY21 | FY22 | FY23 YTD |
| Anthropology | 5 | 8 | 7 | 1 |
| Art | 3 | 2 | 1 | 0 |
| Baruch | 24 | 19 | 12 | 3 |
| Biology | 54 | 60 | 64 | 23 |
| Chemistry | 51 | 45 | 43 | 23 |
| Criminal Justice | 5 | 4 | 8 | 1 |
| English | 7 | 5 | 6 | 3 |
| Geography | 19 | 14 | 14 | 11 |
| History | 11 | 10 | 11 | 6 |
| LLC | 2 | 1 | 2 | 3 |
| Math | 21 | 19 | 13 | 16 |
| Museum | 7 | 3 | 4 | 1 |
| Philosophy | 0 | 1 | 4 | 1 |
| Physics | 20 | 22 | 14 | 12 |
| Political Science | 1 | 6 | 2 | 2 |
| Psychology | 53 | 62 | 63 | 41 |
| Religious Studies | 0 | 0 | 1 | 0 |
| SCIAA | 12 | 11 | 10 | 5 |
| SEOE | 38 | 34 | 25 | 18 |
| Sociology | 4 | 6 | 4 | 2 |
| Statistics | 7 | 11 | 3 | 7 |
| Theatre and Dance | 0 | 0 | 3 | 3 |
| TOTALS | 344 | 343 | 314 | 182 |

| | | | | |
|-------------------------|-----------|-----------|-----------|-----------|
| <i>Non-Lead PI Role</i> | <i>84</i> | <i>93</i> | <i>96</i> | <i>36</i> |
|-------------------------|-----------|-----------|-----------|-----------|

Proposal Submission by Sponsor Type (YTD)

| Sponsor Type | # Submitted |
|----------------------------------|-------------|
| Federal - (FED) | 171 |
| Private, Foundations, Non-Profit | 27 |
| Other - (OTH) | 12 |
| State - (STA) | 7 |
| Commercial - (COM) | 1 |
| Grand Total | 218 |

% of Totals



New Awards to CAS Faculty During Report Period

The university Office of Research publishes a monthly listing of new awards received by faculty, and includes these lists in their regular Research Update emails (subscribe to RESDEV@listserv.sc.edu). The awards listed represent new awards only, and do not include award modifications or incremental funding. All new awards are listed on the CAS Grants webpage: <https://go.sc.edu/casgrants>

October 2022

| PI Name | PI Department | Sponsor | Award Total |
|-----------------------|---------------------------|---|--------------------|
| Morris, James | Baruch | Marine Biological Laboratory/NSF | \$316,203 |
| Twiss, Jeffery | Biology | SC Research Foundation (SCRF)/Adelson Medical Research Foundation | \$391,712 |
| Richardson, Susan | Chemistry | Clemson University/USGS/DOI | \$32,000 |
| Shustova, Natalia | Chemistry | US Department of Energy (DOE) | \$225,000 |
| zur Loye, Hans-Conrad | Chemistry | Rutgers University/ARPA-E/DOE | \$165,000 |
| Jordan, Donald | Ctr for Science Education | National Science Teachers Association (NSTA)/DOD | \$28,252 |
| He, Siming | Math | NSF | \$123,611 |
| Pershin, Yuriy | Physics | University of California San Diego/NSF | \$373,518 |
| Hudac, Caitlin | Psychology | GRIN2B Foundation | \$7,508 |
| TOTAL OCTOBER | | | \$1,662,804 |

November 2022

| PI Name | PI Department | Sponsor | Award Total |
|-------------------------|---------------|--|--------------------|
| Strosnider, William | Baruch | Clemson Univ (SC Water Resources Center) | \$33,545 |
| Li, Jie | Chemistry | National Organization for Rare Disorders | \$50,000 |
| Shimizu, Ken | Chemistry | Petroleum Research Fund/ACS | \$110,000 |
| Ellis, Jean | Geography | NSF | \$25,610 |
| Donaldson, Bobby | History | National Park Service/DOI | \$500,000 |
| Elfenbein, Jessica | History | SC Humanities/NEH | \$2,000 |
| Wang, Zhu | Math | UC San Diego/ONR | \$69,099 |
| Przybysz, Jane | McKissick | SC Arts Commission | \$70,517 |
| King, Adam | SCIAA | SC Dept. of Transportation | \$139,877 |
| Barra, Monica | SEOE | Social Science Research Council/Wallace Foundation | \$70,000 |
| Frost, Daniel | SEOE | NSF | \$7,390 |
| Henderson-Platt, Andrea | Sociology | Rice University/The Issachar Fund | \$42,054 |
| TOTAL NOVEMBER | | | \$1,120,092 |

December 2022

| PI Name | PI Department | Sponsor | Award Total |
|-----------------------|---------------|-------------------------------------|--------------------|
| Morris, James | Baruch | University of Georgia/NOAA | \$39,102 |
| Smith, Erik | Baruch | NOAA/DOC | \$188,675 |
| Armstrong, Alissa | Biology | Silicon Valley Community Foundation | \$1,150,000 |
| Ge, Ting | Chemistry | NSF | \$516,622 |
| Petti, Roberto | Physics | CERN Neutrino Group | \$40,000 |
| Coffman, Donna | Psychology | Temple University/NIH | \$116,249 |
| Coffman, Donna | Psychology | Temple University/NIH | \$92,300 |
| Coffman, Donna | Psychology | Temple University/DoD | \$32,000 |
| Smith, Courtnie | Psychology | SC Dept of Mental Health | \$9,650 |
| TOTAL DECEMBER | | | \$2,184,598 |

CAS Grants Operations Team Activities

The CAS Grants Operations team provides pre-award services, such as assistance with preparation of external proposal submissions, budget development, etc., as well as post-award grant monitoring. The grants team issues monthly budget reports to PIs for all active grants and provides other regular expenditure reports to assist PIs in managing their sponsored awards.

***Please encourage faculty and other researchers to contact the CAS Grants Team for proposal or post-award support.**