

COLLEGE OF CHARLESTON

Office of Research and Grants Administration

Yearly Report on External Funding Activity—Awards & Proposals

Fiscal Year 2021

The College of Charleston received 129 awards totaling \$42,051,313 in external funding during fiscal year 2021. Of these awarded funds, 60.47% came from federal sources. The College of Charleston received the most awards from the National Aeronautics and Space Administration, totaling \$2,698,826 across 21 awards.

During the same fiscal period, 220 proposals requesting \$27,677,594 in funding were submitted to 90 different sponsors. 67.73% of these funds were requested from federal sources. The sponsors to which the most proposals were submitted were the National Aeronautics and Space Administration (NASA) and the National Science Foundation (NSF), with 31 and 26 proposal submissions, respectively.

Seven Schools within the College of Charleston received 109 grants, totaling \$5,937,847. The seven schools include: Arts; Business; Education, Health and Human Performance; The Graduate School; Humanities and Social Sciences; Languages, Cultures and World Affairs; and Sciences and Mathematics. The School of Sciences & Mathematics received 72 awards and \$5,124,003 in funding. The School of Humanities & Social Sciences received the second highest amount of awards with \$304,937 in funding from 17 awards. The remaining grants were awarded to College of Charleston Libraries, Multicultural Student Programs and Services, Student Health Services, the Office of Sustainability, and Upward Bound. Thanks to the Higher Education Emergency Relief Fund for COVID-19 from the U.S. Department of Education as well as the SC CARES Act Funds from the U.S. Department of the Treasury, an additional \$35,268,401 in funds were granted to the institution as a whole for costs related to the COVID-19 pandemic.

Among the many exciting projects to receive funding, there are several to spotlight. Dr. Cass Runyon with the Geology and Environmental Geosciences Department received a total of \$2,474,961 in funding from NASA in support of 10 different projects and programs. \$950,000 of Dr. Runyon's total funding will support South Carolina Space Grant Consortium's Opportunities in STEM for FY20-24. Dr. Erik Sotka in the Biology Department received \$301,152 in total funding from the National Park Services Cooperative Ecosystem Studies Unites (CESU) Program in support of his project titled, "Genotyping corals for restoration and rescue at multiple coral reef parks: BUIS/DRTO/SARI/VICR/VIIS PMIS# 264595." Morgan Hughey in the Health and Human Performance Department received \$11,250 from the Citadel's U.S. Department of Transportation grants to support her "STRIDE Project – The Evaluation of Transportation Network Infrastructure, Safety, and Travel Route Characteristics of Bike Share, Electric-Powered Pedal-Assist Bike Share, and Electric Scooter System Operation." Finally, the Halsey Institute received a total funding amount of \$32,000 across The National Endowment for the Arts and SC Humanities in order to host 3 exhibits for FY21: Kukuli Velarde, Dis/Placements: Revisitations of Home, and LISTEN: the Catawba Nation.

Award Amounts by Funding Source, Fiscal Year 2021:

| Funding Source | Number of Grants Awarded | Total Amount Funded |
|-----------------------------------|---------------------------------|----------------------------|
| Federal | 78 | \$40,992,779 |
| Foreign | 7 | \$101,830 |
| Local Government (Charleston) | 4 | \$34,900 |
| Local Government (Not Charleston) | 3 | \$87,800 |
| Private-Nonprofit | 27 | \$715,824 |
| State of SC | 10 | \$118,180 |
| Total | 129 | \$42,051,313 |

Submitted Proposal by Funding Source, Fiscal Year 2021:

| Funding Source | Number of Proposal Submitted | Total Amount Requested |
|-----------------------------------|-------------------------------------|-------------------------------|
| Federal | 149 | \$25,166,384 |
| Foreign | 7 | \$101,830 |
| Local Government (Charleston) | 5 | \$49,900 |
| Local Government (Not Charleston) | 3 | \$91,800 |
| Private-Business | 1 | n/a |
| Private-Nonprofit | 40 | \$1,859,405 |
| State of SC | 15 | \$408,275 |
| Total | 220 | \$27,677,594 |

Sponsors to which Proposals were Submitted, Fiscal Year 2021:

| Sponsor (Originating Agency) | Number of Proposals Submitted | Total Amount Requested |
|---|--------------------------------------|-------------------------------|
| Alliance for Full Acceptance (AFFA) | 2 | \$4,000 |
| American Council of Learned Societies | 1 | \$5,000 |
| Blue Cross Blue Shield of South Carolina Foundation | 1 | \$62,200 |
| Chapin Hall, University of Chicago (Doris Duke Fellowships) | 1 | \$79,877 |
| Charleston Area Convention and Visitors Bureau | 2 | \$120,000 |
| Charleston County | 1 | \$15,000 |
| Charleston Scientific and Cultural Fund | 1 | \$4,000 |

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|---|----|-------------|
| City of Columbia Fire Department | 1 | \$24,000 |
| City of Isle of Palms, SC | 2 | \$17,900 |
| City of West Columbia | 1 | \$45,500 |
| Clemson University | 2 | \$748,181 |
| Clerks to County Council (C2C) | 1 | \$2,200 |
| Climate Resilience Fund | 1 | \$49,979 |
| College of Charleston Foundation | 2 | \$100,000 |
| Colonial Academic Alliance | 1 | \$12,334 |
| Columbia University | 2 | \$11,964 |
| Community Foundation of the Lowcountry | 1 | \$50,000 |
| National Parks Service Cooperative Ecosystem Studies Units (CESU) | 1 | \$301,152 |
| Council on Library and Information Services | 1 | \$77,721 |
| County of Charleston, SC | 1 | \$15,000 |
| Earth Science Information Partners (ESIP) | 1 | \$5,000 |
| FactForward | 3 | \$0 |
| Foresight Data Systems LLC | 1 | \$76,800 |
| Geosciences Australia | 3 | \$43,966 |
| German Embassy to the US | 1 | \$1,000 |
| Hilton Head-Bluffton Chamber of Commerce | 1 | \$72,000 |
| Kent State University | 1 | \$15,000 |
| Kiawah Island Conservancy | 4 | \$49,224 |
| Lowcountry Quarterly Arts Grants Program | 1 | \$1,000 |
| Marine Information Resources Corporation (MIRC) | 1 | \$125,969 |
| Medical University of SC | 4 | \$744,800 |
| Mellon Foundation | 1 | \$31,500 |
| Missouri University of Science & Technology | 2 | \$274,286 |
| Morris Animal Foundation | 1 | \$99,891 |
| National Academies of Science | 1 | \$76,000 |
| National Aeronautics and Space Administration (NASA) | 31 | \$5,558,407 |

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| National Council on Public History | 1 | \$690 |
| National Endowment for the Arts (NEA) | 1 | \$90,000 |
| National Endowment for the Humanities (NEH) | 3 | \$369,911 |
| National Fish & Wildlife Foundation (NFWF) | 1 | \$150,000 |
| National Geographic Society | 1 | \$29,183 |
| National Institute of Standards and Technology (NIST) | 3 | \$121,322 |
| National Institutes of Health (NIH) | 2 | \$799,033 |
| National Marine Sanctuary Foundation | 1 | \$17,344 |
| National Oceanic and Atmospheric Administration (NOAA) | 7 | \$207,111 |
| National Science Foundation (NSF) | 26 | \$11,224,550 |
| New Morning Foundation | 1 | \$74,116 |
| NeyroblastGX, Inc. | 1 | \$8,174 |
| Northeastern University | 1 | \$40,000 |
| Orangeburg Department of Public Utilities | 1 | \$22,300 |
| Partnership Among South Carolina Academic Libraries (PASCAL) via SC CHE | 1 | \$1,000 |
| Patient-Centered Outcomes Research Institute (PCORI) | 1 | \$537,644 |
| Rent Responsibly | 1 | \$9,000 |
| SC Arts Commission (SCAC) | 3 | \$19,612 |
| SC Department of Education | 1 | n/a |
| SC Department of Mental Health | 1 | \$2,500 |
| SC Department of Natural Resources | 6 | \$173,274 |
| SC Department of Social Services | 2 | \$0 |
| SC EPSCoR | 4 | \$71,474 |
| SC Humanities | 2 | \$12,000 |
| SC Office of Regulatory Staff - Energy Office | 1 | \$10,000 |
| SC Ports Authority | 1 | \$3,768 |

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|---|------------|---------------------|
| SC Research Authority (SCRA) | 1 | \$17,913 |
| SC Sea Grant Consortium | 9 | \$733,453 |
| Slocum Lunz Foundation | 2 | \$2,400 |
| Smithsonian Astrophysical Observatory | 1 | \$41,255 |
| Spencer Foundation | 2 | \$125,510 |
| State of SC | 2 | \$0 |
| Substance Abuse & Mental Health Service Administration (SAMHSA) | 1 | \$306,000 |
| The Citadel | 3 | \$341,627 |
| Together SC | 2 | \$11,450 |
| Town of Mount Pleasant | 1 | \$2,000 |
| University Corporation for Atmospheric Research | 1 | \$59,655 |
| University of California - San Francisco | 1 | \$11,767 |
| University of Central Florida | 1 | \$0 |
| University of Colorado Boulder | 2 | \$671,531 |
| University of Florida | 1 | \$100,000 |
| University of North Carolina-Wilmington | 1 | \$41,456 |
| University of South Carolina | 15 | \$997,053 |
| University of the Virgin Islands | 1 | \$212,455 |
| U.S. Coastal Research Program | 1 | \$300,000 |
| U.S. Department of Agriculture | 1 | \$393,745 |
| U.S. Department of Education | 5 | \$0 |
| U.S. Department of State | 1 | \$13,720 |
| U.S. Forest Service | 1 | \$35,000 |
| U.S. Geological Survey | 1 | \$42,500 |
| Virginia Institute of Marine Science (VIMS) | 1 | \$102,429 |
| Wake Forest University | 1 | \$199,818 |
| Westat | 1 | \$0 |
| Winthrop University | 3 | \$0 |
| Total | 220 | \$27,677,594 |

Sponsors which Awarded Funding, Fiscal Year 2021:

| Sponsor (Originating Agency) | Number of Grants Awarded | Total Amount Funded |
|---|---------------------------------|----------------------------|
| Alliance for Full Acceptance (AFFA) | 2 | \$3,500 |
| American Council of Learned Societies (ACLS) | 1 | \$5,000 |
| Charleston Area Convention and Visitors Bureau | 2 | \$230,000 |
| Charleston County | 1 | \$15,000 |
| Charleston Scientific and Cultural Fund | 1 | \$4,000 |
| City of Columbia Fire Department | 1 | \$20,000 |
| City of Isle of Palms, SC | 2 | \$17,900 |
| City of West Columbia | 1 | \$45,500 |
| Clemson University | 1 | \$29,390 |
| Clerks to County Council (C2C) | 1 | \$2,200 |
| College of Charleston Foundation | 2 | \$100,000 |
| Colonial Academic Alliance | 1 | \$4,946 |
| Columbia University | 2 | \$11,964 |
| Community Foundation of the Lowcountry | 1 | \$50,000 |
| National Parks Service (NPS) Cooperative Ecosystem Studies Units (CESU) | 1 | \$301,152 |
| Council on Library and Information Services | 1 | \$77,721 |
| Earth Science Information Partners (ESIP) | 1 | \$5,000 |
| FactForward | 3 | \$26,402 |
| Geosciences Australia | 3 | \$43,966 |
| German Embassy to the US | 1 | \$1,000 |
| Hilton Head-Bluffton Chamber of Commerce | 1 | \$72,000 |
| Kiawah Island Conservancy | 4 | \$87,599 |
| Lowcountry Quarterly Arts Grants Program | 1 | \$750 |
| Medical University of SC (MUSC) | 1 | \$22,633 |
| Mellon Foundation | 1 | \$31,500 |
| Missouri University of Science & Technology | 1 | \$5,000 |

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|---|----|--------------|
| National Aeronautics and Space Administration (NASA) | 21 | \$2,698,826 |
| National Endowment for the Arts (NEA) | 1 | \$20,000 |
| National Fish & Wildlife Foundation (NFWF) | 1 | \$120,000 |
| National Institute of Standards and Technology (NIST) | 3 | \$121,322 |
| National Institutes of Health (NIH) | 1 | \$356,309 |
| National Marine Sanctuary Foundation | 1 | \$17,344 |
| National Oceanic and Atmospheric Administration (NOAA) | 7 | \$207,111 |
| National Science Foundation (NSF) | 3 | \$316,629 |
| New Morning Foundation | 1 | \$74,116 |
| NeyroblastGX, Inc. | 1 | \$8,174 |
| Orangeburg Department of Public Utilities | 1 | \$22,300 |
| Partnership Among South Carolina Academic Libraries (PASCAL) via SC CHE | 1 | \$1,000 |
| Rent Responsibly | 1 | \$9,000 |
| SC Arts Commission (SCAC) | 1 | \$6,500 |
| SC Department of Education | 1 | \$42,855 |
| SC Department of Natural Resources (SCDNR) | 5 | \$130,854 |
| SC Department of Social Services | 2 | \$41,000 |
| SC EPSCoR | 1 | \$100,000 |
| SC Humanities | 2 | \$12,000 |
| SC Office of Regulatory Staff - Energy Office | 1 | \$10,000 |
| SC Ports Authority | 1 | \$3,768 |
| SC Research Authority (SCRA) | 1 | \$15,000 |
| SC Sea Grant Consortium | 3 | \$100,225 |
| Slocum Lunz Foundation | 2 | \$2,400 |
| State of SC | 2 | \$12,922,462 |
| The Citadel | 1 | \$11,250 |
| Together SC | 2 | \$11,450 |

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|---|------------|---------------------|
| Town of Mount Pleasant | 1 | \$2,000 |
| University Corporation for Atmospheric Research | 1 | \$59,655 |
| University of California - San Francisco | 1 | \$11,767 |
| University of Central Florida | 1 | \$50,000 |
| University of South Carolina | 8 | \$384,174 |
| U.S. Department of Education | 5 | \$22,863,265 |
| U.S. Department of State | 1 | \$13,720 |
| U.S. Forest Service | 1 | \$35,000 |
| U.S. Geological Survey | 1 | \$23,762 |
| Winthrop University | 3 | \$11,952 |
| Total | 129 | \$42,051,313 |

Awards per School, Fiscal Year 2021:

| School | Number of Grants Awarded | Total Amount Funded |
|--|--------------------------|---------------------|
| Arts | 4 | \$32,750 |
| Business | 5 | \$328,100 |
| Education, Health and Human Performance | 8 | \$127,057 |
| Humanities and Social Sciences | 17 | \$304,937 |
| Languages, Cultures and World Affairs | 2 | \$6,000 |
| Libraries | 6 | \$213,721 |
| Sciences and Mathematics | 72 | \$5,124,003 |
| The Graduate School | 1 | \$15,000 |
| Other College Departments* | 9 | \$631,344 |
| SC CARES Act Funds for COVID-19 Relief | 2 | \$12,922,462 |
| Higher Education Emergency Relief Fund – IHEs (COVID-19) | 3 | \$22,345,939 |
| Total | 129 | \$42,051,313 |

*Multicultural Student Programs and Services, Student Health Services, Office of Sustainability, and Upward Bound.