

UF Open Access Publishing Fund, 2017-2019 Summary

Overview

The University of Florida Open Access Publishing Fund, supported through an annual commitment from the Provost's Office for four years in 2017-2020, incentivizes faculty, students, and research staff to publish journal articles in open venues available for anyone to read and share worldwide, without charge. The UFOAP Fund subsidizes costs for article processing charges (APCs), fees that support open access publication by offsetting costs journals have traditionally received from institutional subscriptions.

While not all open access journals charge such fees, many journals have turned to a fee-based model. Other major public research universities with an open access fund include UC-Berkeley, UC-Davis, and Indiana University-Bloomington, among others.

Overseen by the University Libraries Committee and managed by Libraries faculty, the UFOAP fund awarded grants resulting in publication of 336 open access, peer-reviewed research articles from 2017 to 2019. These articles are now freely accessible in a range of publications, including prestigious journals such as *Nature Communications* and the *Journal of Dairy Science*.

Building from a pilot conducted in 2010-2012, the current program has benefited from increased faculty and graduate student awareness of open access and has seen very strong demand. The initial Provost's grant of \$120,000 in 2017, plus \$100,000 additional funding later in the year (\$220,000 total), funded 144 awards. In 2018, \$120,000 led to 78 total awards, with 66 additional applications denied due to lack of funding. Lower caps on award amounts (from \$3,000 in 2017 down to \$1,500 in 2019) and stricter eligibility requirements for those receiving external grants ensured availability of funds through much of the 2019 calendar year. However, in 2019 the maximum award allowed by the fund was only able to cover the full journal fee for 32 percent of awardees.

The following tables summarize the program's first three years, with a focus on breaking down data across colleges and departments.

Award and Funding Summary

Year	Number of Awards	Funding Allocated
2017	144	217,077.06
2018	78	112,415.77
2019	114	138,877.64
Grand Total	336	\$468,370.47

Number of Awards and Total Allocated Funding by College/Unit, 2017-2019

The table below lists actual awards and total funding allocated to authors from each College. It also provides numbers of eligible applications that were not funded in 2017 or 2018 because program resources were exhausted prior to the end of the calendar year. The column on the right offers a more accurate estimate of need across UF faculty, students, and staff by totaling the full requested Article Processing Charge or open access publishing fee, regardless of the program's maximum award cap, for all eligible applications.

College/Unit	Awards by College	Total Funding Allocated	Applications Not Funded Due to Lack of Funds	Total Funding Requested for Awarded and Unfunded Applications
Agricultural and Life Sciences/IFAS	107	144,535.42	28	249,011.26
Dentistry	5	7,548.50	1	9,120.75
Design, Construction and Planning	3	4,537.21	1	6,458.94
Education	1	959.50	0	950
Engineering	12	18,255.91	4	30,607.65
Florida Museum of Natural History	18	18,217.24	4	34,526.81
Health and Human Performance	12	15,453.94	5	20,515.23
Journalism and Communication	3	4,555	2	6,005
Liberal Arts and Sciences	30	35,138.01	12	68,792.14
Libraries	1	600	0	600
Medicine	97	144,637.40	19	200,535.06
Nursing	5	8,953	2	15,656
Pharmacy	12	18,256.57	6	34,814.21
Public Health and Health Professions	19	28,829.39	3	41,008.91
Veterinary Medicine	11	17,893.38	5	31,589.50
Grand Total	336	\$468,370.47	92	\$750,191.46

College-Level Summaries Showing Awards by Department and Awards by Author Status

College of Agriculture

	Awards by Department	Funding Allocated
Agricultural and Life Sciences/IFAS	107	\$144,535.42
Agricultural and Biological Engineering	2	3,437.11
Agronomy	10	15,576.51
Animal Sciences	4	5,245
Entomology and Nematology	30	34,073.22
Environmental Horticulture	3	3,310
Fisheries and Aquatic Sciences	3	3,179.82
Food and Resource Economics	4	4,297.55
Forest Resources and Conservation	4	5,267.28
Horticultural Sciences	2	3,259.92
Microbiology and Cell Science	7	15,021.43
Plant Pathology	5	8,544.30
Research and Education Centers (REC/RED)	9	12,742.99
School of Forest Resources and Conservation	3	3,607.50
School of Natural Resources and Environment	4	4,460.29
Soil and Water Science	5	6,504.50
Wildlife Ecology and Conservation	12	16,008

	Awards by Status	Funding Allocated
Agricultural and Life Sciences/IFAS	107	\$144,535.42
Faculty	63	89,278.35
Graduate Student	26	28,485.09
Post-doctoral Researcher	13	18,710.25
Staff	5	8,061.73

College of Dentistry

	Awards by Department	Funding Allocated
Dentistry	5	\$7,548.50
Community Dentistry & Behavioral Science	1	1,096.50
Oral & Maxillofacial Surgery	1	1,495
Oral Biology	2	3,175
Periodontology	1	1,782

	Awards by Status	Funding Allocated
Dentistry	5	\$7,548.50
Faculty	3	4,952
Post-doctoral Researcher	2	2,596.50

College of Design, Construction, and Planning

	Awards by Department	Funding Allocated
Design, Construction and Planning	3	\$4,537.21
Urban and Regional Planning	3	4,537.21

	Awards by Status	Funding Allocated
Design, Construction and Planning	3	\$4,537.21
Graduate Student	3	4,537.21

College of Education

	Awards by Department	Funding Allocated
Education	1	\$959.50
School of Teaching and Learning	1	959.50

	Awards by Status	Funding Allocated
Education	1	\$959.50
Faculty	1	959.50

College of Engineering

	Awards by Department	Funding Allocated
Engineering	12	\$18,255.91
Electrical and Computer Engineering	1	1,495
Industrial & Systems Engineering	1	1,500
Mechanical & Aerospace Engineering	4	6,190.10
School of Sustainable Infrastructure & Environment	6	9,070.81

	Awards by Status	Funding Allocated
Engineering	12	\$18,255.91
Faculty	6	9,165
Graduate Student	6	9,090.91

College of Health and Human Performance

	Awards by Department	Funding Allocated
Health and Human Performance	12	\$15,453.94
Applied Physiology and Kinesiology	5	6,628.43
Tourism Recreation and Sports Management	7	8,825.51

	Awards by Status	Funding Allocated
Health and Human Performance	12	\$15,453.94
Faculty	4	5,579.68
Graduate Student	8	9,874.26

College of Journalism and Communication

	Awards by Department	Funding Allocated
Journalism and Communication	3	\$4,555
Advertising	3	4,555

	Awards by Status	Funding Allocated
Journalism and Communication	3	\$4,555
Faculty	1	1,605
Post-doctoral Researcher	2	2,950

College of Liberal Arts and Sciences

	Awards by Department	Funding Allocated
Liberal Arts and Sciences	30	\$35,138.01
African American Studies	1	975
Anthropology	4	3,456.50
Biology	10	13,288.20
Chemistry	2	3,500
Geography	9	10,798.31
Geological Sciences	3	2,670
Psychology	1	450

	Awards by Status	Funding Allocated
Liberal Arts and Sciences	30	\$35,138.01
Faculty	16	17,970.83
Graduate Student	14	17,167.18

College of Medicine

	Awards by Department	Funding Allocated
Medicine	97	\$144,637.40
Aging and Geriatric Medicine	2	3,823.48
Anesthesiology	9	14,653.44
Community Health and Family Medicine	2	3,000
Dermatology	7	3,932.92
Emergency Medicine	4	3,267.66
Health Outcomes and Policy	10	15,838.71
Medicine	15	24,384.56
Neurology	10	14,348.44
Neuroscience	5	9,646.40
Obstetrics and Gynecology	1	550
Orthopaedics and Rehabilitation	3	4,501.02
Otolaryngology	1	1,519
Pathology, Immunology and Laboratory Medicine	5	11,066.51
Pediatrics	4	5,573.26
Pharmacology and Therapeutics	3	5,845
Physiology and Functional Genomics	1	1,512
Psychiatry	2	3,250
Radiation Oncology	10	14,430
Radiology	1	500
Surgery	1	1,500
Urology	1	1,495

	Awards by Status	Funding Allocated
Medicine	97	\$144,637.40
Faculty	68	101,906.08
Graduate Student	7	11,922.16
Post-doctoral Researcher	8	11,506.60
Staff	13	17,302.56
Undergraduate Student	1	2,000

College of Nursing

	Awards by Department	Funding Allocated
Nursing	5	\$8,953
	5	8,953

	Awards by Status	Funding Allocated
Nursing	5	\$8,953
Faculty	3	5,753
Graduate Student	2	3,200

College of Pharmacy

	Awards by Department	Funding Allocated
Pharmacy	12	\$18,256.57
Medicinal Chemistry	2	3,361.57
Pharmaceutical Outcomes and Policy	7	10,950
Pharmacotherapy and Translational Research	3	3,945

	Awards by Status	Funding Allocated
Pharmacy	12	\$18,256.57
Faculty	8	12,306.57
Graduate Student	2	3,500
Post-doctoral Researcher	2	2,450

College of Public Health and Health Professions

	Awards by Department	Funding Allocated
Public Health and Health Professions	19	\$28,829.39
Biostatistics	2	3,000
Clinical and Health Psychology	1	1,708.16
Environmental and Global Health	5	7,995
Epidemiology	3	3,845
Health Services Research, Management and Policy	3	3,627.50
Occupational Therapy	1	1,512
Physical Therapy	3	5,318.48
Rehabilitation Science	1	1,823.25

	Awards by Status	Funding Allocated
Public Health and Health Professions	19	\$28,829.39
Faculty	10	15,470.98
Graduate Student	8	11,858.41
Post-doctoral Researcher	1	1,500

College of Veterinary Medicine

	Awards by Department	Funding Allocated
Veterinary Medicine	11	\$17,893.38
Infectious Diseases and Pathology	3	4,495.45
Large Animal Clinical Sciences	1	328
Physiological Sciences	3	5,749.93
Small Animal Clinical Sciences	4	7,320

	Awards by Status	Funding Allocated
Veterinary Medicine	11	\$17,893.38
Faculty	9	13,776.88
Graduate Student	1	2,000
Post-doctoral Researcher	1	2,116.50

Colleges with no awards

No authors from the College of the Arts, Warrington College of Business Administration, or Levin College of Law have applied to the program; additional marketing efforts may promote awareness of this opportunity if funding allows.

Awards and Funding by Career Status, 2017-2019

Funding has been distributed across faculty, students, and staff. Students and post-doctoral researchers have applied to the program frequently; 35 percent of awards have been granted to authors in one of these groups.

Status	Number of Awards	Funding Allocated	Applications Not Funded Due to Lack of Funds	Total Funding Requested for Awarded and Unfunded Applications
Faculty	196	281,753.27	59	462,848.46
Graduate Student	80	106,370.22	21	165,329.15
Post-doctoral Researcher	36	49,164.85	7	80,228.19
Staff	23	29,082.13	5	39,625.66
Undergraduate Student	1	2,000	0	2,160
Grand Total	336	\$468,370.47	92	\$750,191.46

Note that in 2017 the program did not specify whether student authors were graduate or undergraduate; subsequent data indicates that all or nearly all of these authors were at the graduate level.

Top Journals

Supported authors published in 173 journals from 2017-2019. The table below lists journal titles where three or more authors published with funding from the UFOAP Fund.

Journal Title	Number of Awards
PLoS One	32
Scientific Reports	20
Sustainability	11
ZooKeys	9
Nature Communications	7
Ecology and Evolution	7
BMJ Open	5
JAAD Case Reports	5
Journal of the American Heart Association	4
BMC Medical Informatics and Decision Making	4
Journal of Pain Research	4
Advances in Radiation Oncology	3
Brain and Behavior	3
International Journal of Molecular Sciences	3
Biology Direct	3
Journal of Dairy Science	3
Behavioral Ecology	3
Contemporary Clinical Trials Communications	3
American Journal of Botany	3
Remote Sensing	3
Frontiers in Microbiology	3
Water	3