

Simmons
UNIVERSITY

RESEARCH AT SIMMONS

ANNUAL REPORT FISCAL YEAR 2019

(July 1, 2018 - June 30, 2019)

Office of Sponsored Programs

Office of Undergraduate
Research and Fellowships

Controller's Office

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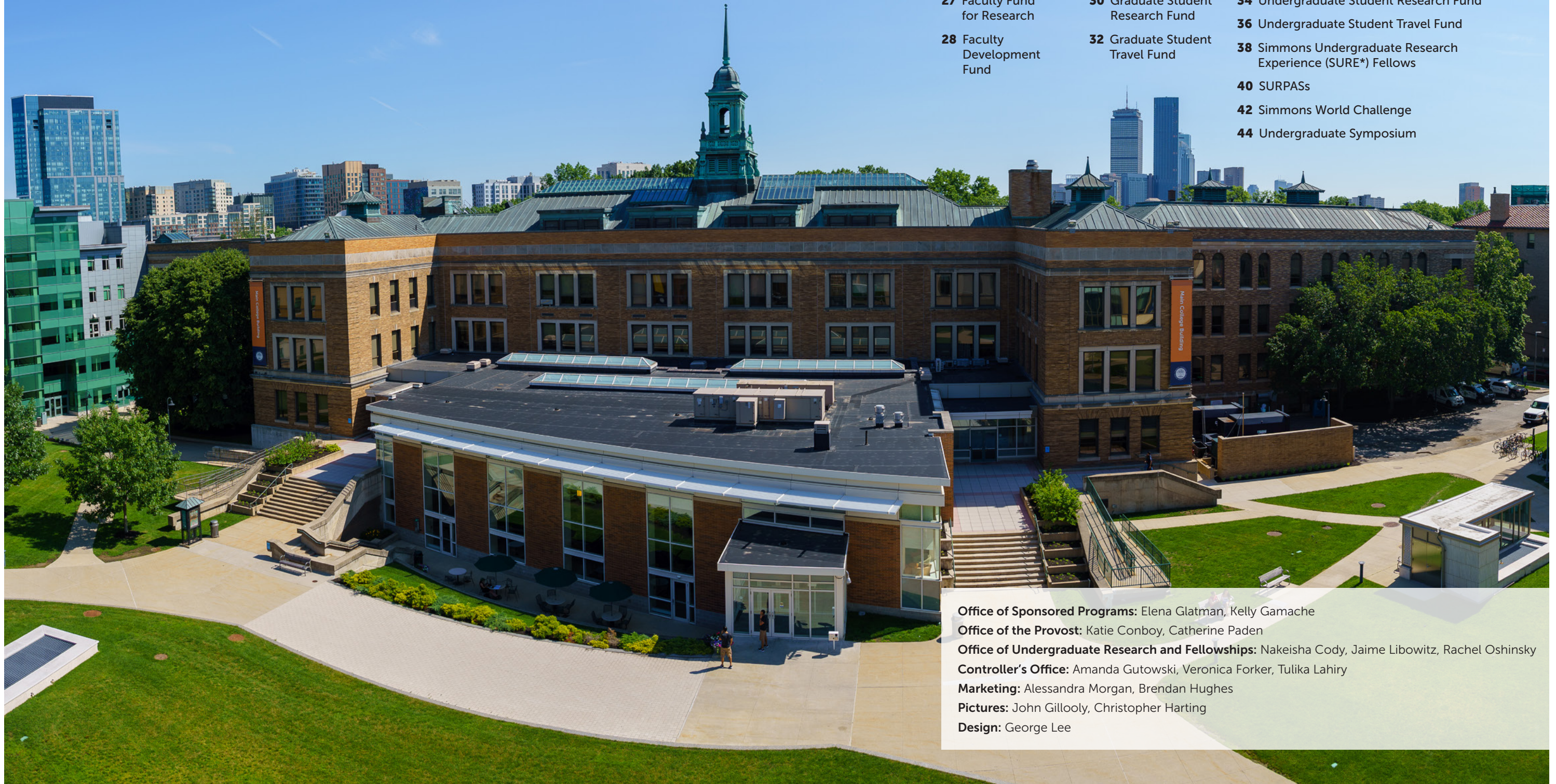
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Office of Sponsored Programs: Elena Glatman, Kelly Gamache
Office of the Provost: Katie Conboy, Catherine Paden
Office of Undergraduate Research and Fellowships: Nakeisha Cody, Jaime Libowitz, Rachel Oshinsky
Controller's Office: Amanda Gutowski, Veronica Forker, Tulika Lahiry
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Pictures: John Gillooly, Christopher Harting
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LETTER FROM THE PROVOST

DEAR FRIENDS OF SIMMONS UNIVERSITY

I am so pleased to have the opportunity to reflect on the role of research at Simmons University, and to offer this Annual Report for Fiscal Year 2019 that features the research accomplishments of faculty, staff and students. We officially became Simmons University in FY19, and many academic staffing and policy changes have also resulted in a new emphasis on scholarship. This report catalogs our funded research activity, and I'm delighted to have the opportunity to focus on some of it here:



- Faculty members in the School of Social Work extended their remarkable record of success in receiving training grants that substantially impact the social work workforce and that offer specific paid training opportunities for Simmons graduate students. Not only did they continue the work involving almost \$3 million in grants previously received from the Health Resources and Services Agency (HRSA) and from the Substance Abuse & Mental Health Services Administration (SAMHSA), but they garnered additional funding from HRSA for their work around substance abuse disorders (\$357,753). Jennifer Putney is the PI on this work, and the team also includes Tammy Cadet, Kristie Thomas, Cali-Ryan Collin, Becky Hamo, Deborah Johnson, and Carlie Capell.
- Melinda Gushwa, SSW Director, CSSPP, received \$299,541 from the Boston Children's Hospital Collaboration for Community Health Program to support the Simmons Trauma Education Project. The project team includes Melinda Gushwa, Kelly Pratt, Lydia Ogden, and Carlie Capell.
- Catherine Paden and Nakeisha Cody, Office of the Provost, received an award in the amount of \$500,000 for the Global Initiative Fund for the Future, sponsored by Katie McGrath and JJ Abrams Family Foundation.
- Jennifer Roecklein-Canfield, Chemistry & Physics, CNBHS, received \$215,377 from the National Science Foundation to fund an REU Program in Synthetic Biology. This is a collaborative project with North Carolina A&T University.
- Rong Tang, SLIS, COCIS, received an award from IMLS - Laura Bush 21st Century Librarian Program in the amount of \$418,951 for a project called "Retooling the Librarian Workforce: Innovative Post-Master's Certificate Program for Developing Inter-Professional Informationists."

We are also proud that this publication credits our faculty's work with undergraduate and graduate students, underscoring the importance of research and the significance of coaching students toward scholarly achievement. Simmons funds student research achievement through several internal programs.

FY19 was a year of transitions. We said goodbye to Jon Kimball and Valerie Beaudrault, two long-serving colleagues in the Office of Sponsored Programs. We welcomed a new Director of Sponsored Research, Elena Glatman. In addition, we were joined by three new Deans: Dr. Stephanie Berzin (The College of Social Sciences, Policy, and Practice), Dr. Marie desJardins (The College of Organizational, Computational, and Information Sciences), and Dr. Brian Norman (The Gwen Ifill College of Media, Arts, and Humanities). I am thrilled that these new leaders (joined in FY20 by Dean Lepaine Sharp-McHenry) are bringing new focus, new policies, and new resources to our research and grant-making endeavors. I look forward to the future fruits of this work!

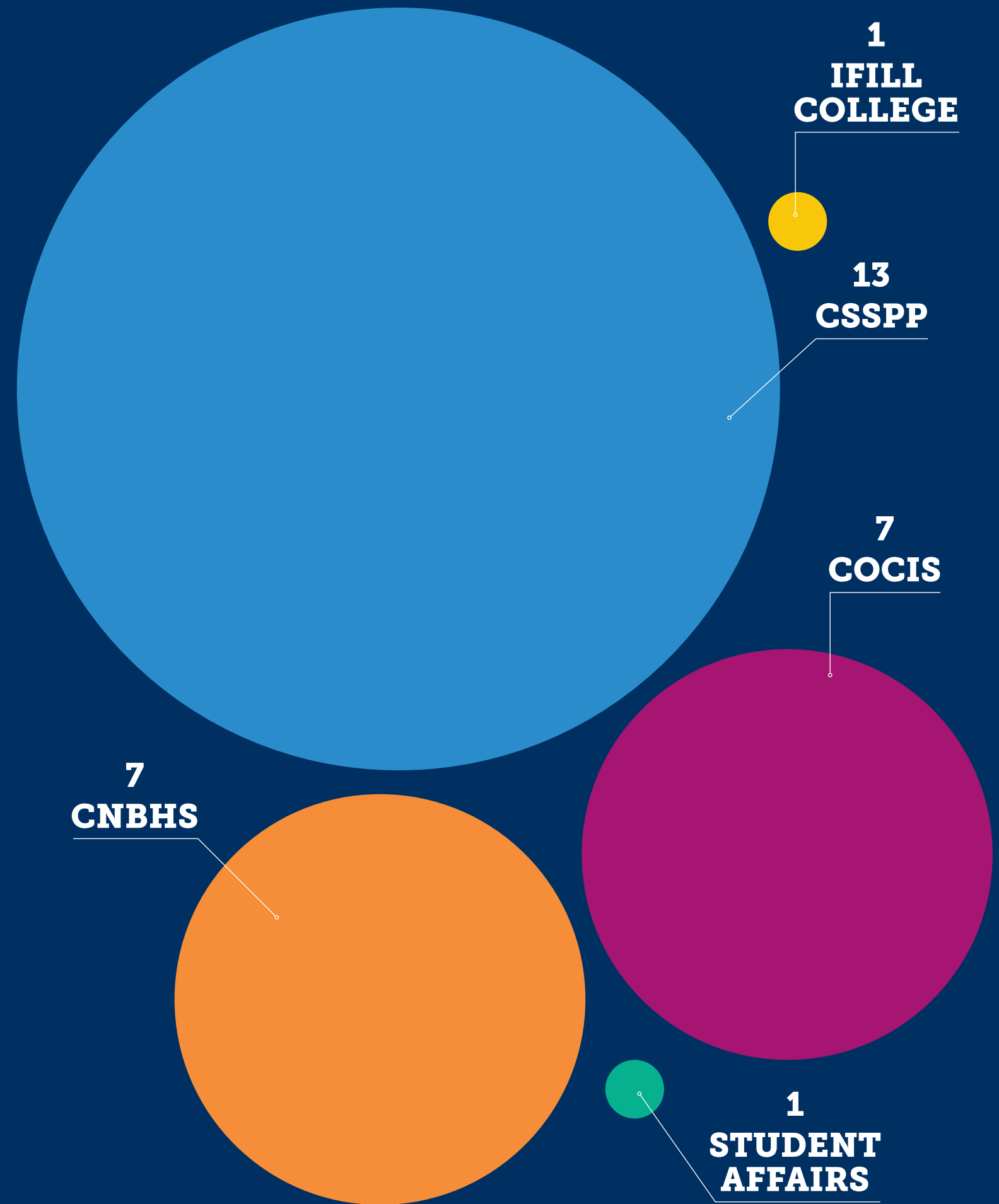
Best regards,

A handwritten signature in black ink that reads "Katie Conway". The signature is fluid and cursive.

Katie

EXTERNAL FUNDING

29 SUBMITTED
PROPOSALS



EXTERNAL FUNDING PROPOSALS

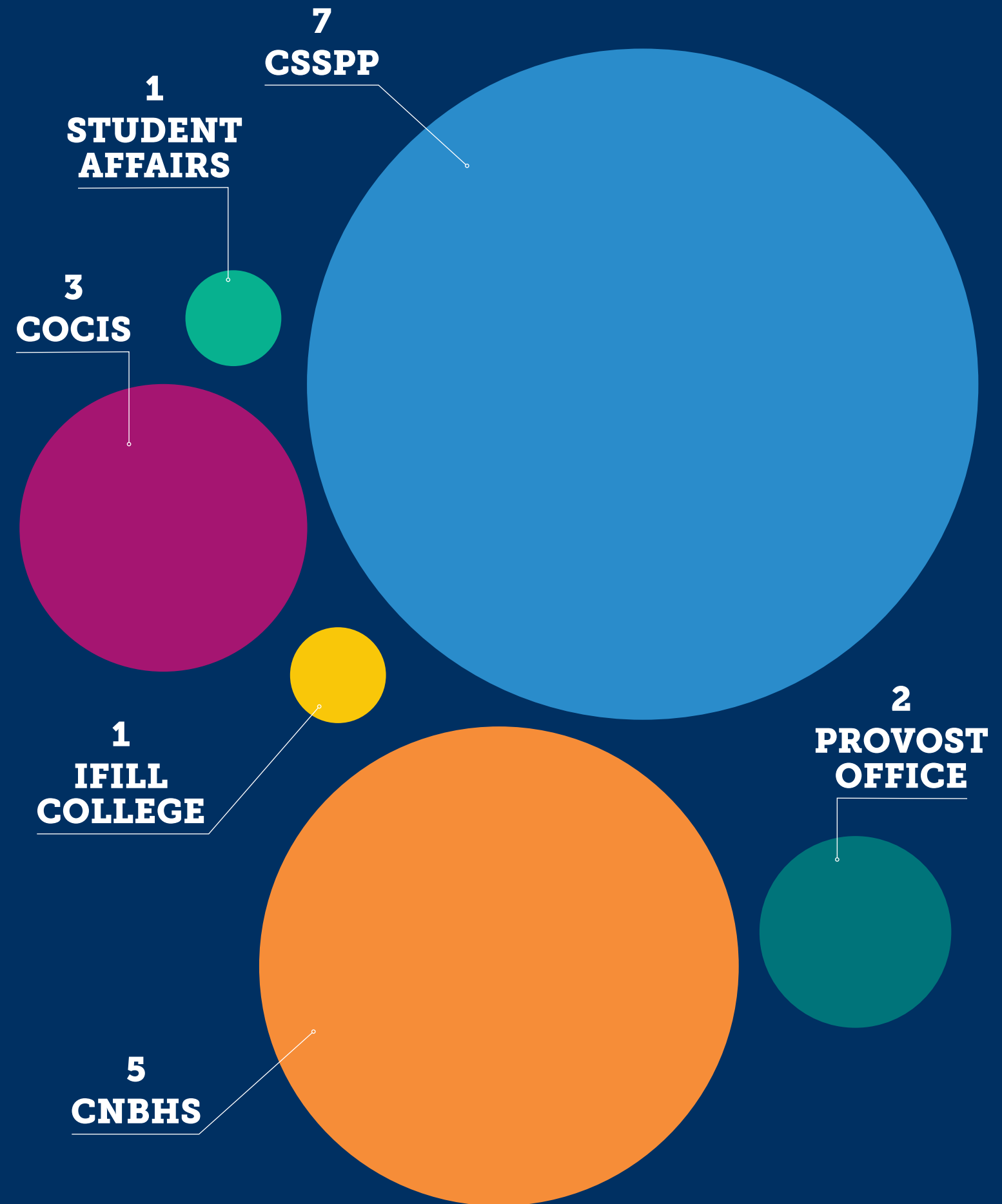
PRINCIPAL INVESTIGATOR	TITLE	AGENCY/PROGRAM	DATE SUBMITTED	AMOUNT REQUESTED	DEPARTMENT/SCHOOL	COLLEGE
Kim Harriman, (New Director: Jennifer Putney)	BHWET Supplement - Substance Abuse Disorders	U.S. Department of Health and Human Services/HRSA	7/2/2018	\$357,753	SSW	CSSPP
Michele Cloonan	Librarian Training Program in Iraq	International Research & Exchange Board (IREX)	7/9/2018	\$30,377	SLIS	COCIS
Tamara Cadet	Letter of Interest	Bristol-Myers Squibb Foundation	8/10/2018	No amount req'd	SSW	CSSPP
Jennifer Roecklein-Canfield	REU Program in Synthetic Biology: Collaborative Project with North Carolina A&T University	National Science Foundation	8/22/2018	\$215,377	Chemistry & Physics	CNBHS
Benjamin Cole	Support for Student Research Assistants	Societal — Systems Research, Inc/Center for Systemic Peace	8/30/2018	\$8,400	Political Science	CSSPP
Yulong Li	Conference Travel Support	Agreement between Simmons University and the East Carolina University, the Direct Selling Association, and the Direct Selling Foundation	9/10/2018	\$1,575	School of Business	COCIS
Laura Saunders	Cause for Collaboration: Framework for Interdisciplinary Support of News Literacy Statement for Broad Need — Preliminary Proposal	IMLS — Laura Bush 21st Century Librarian Program	9/14/2018	\$260,754	SLIS	COCIS
Jeannette Bastian	Digital Experiential Learning and Practicum Laboratory for Archives Students in a Master's Program — Preliminary Proposal	IMLS — Laura Bush 21st Century Librarian Program	9/14/2018	\$211,784	SLIS	COCIS
Tamara Cadet	Shared decision making and colorectal cancer screening behaviors among old adults with low health literacy	American Cancer Society-Clinical Scientist Development Grant	9/25/2018	\$574,083	SSW	CSSPP
Lauren Spendly, Student (Patricia Reid Ponte, Advisor)	Graduate Scholarship in Cancer Nurse Practice Program Application	American Cancer Society	10/15/2018	\$10,000	Nursing	CNBHS
Naomi Suminski, Student (Rich Gurney, Advisor)	Summer Research Materials Grant	Norris-Richards Student Research Scholarship	12/12/2018	\$500	Chemistry	CNBHS
Laura Prieto	Eva Whiting White Collection and the History of an Immigrant Community in Boston (collaboration with Boston City Archives)	The Council of Independent Colleges — Connecting Independent Colleges with their communities through Undergraduate Research Initiative	12/17/2018	\$10,000	History	Ifill College
Amanda Carey / Cassandra Saitow	Evaluation of the effects of watermelon extract on skin health	National Watermelon Promotion Board	12/20/2018	\$32,900	Psychology / Biology	CNBHS
Elizabeth Scott & Adrienne Garcia, Students (Michael Berger, Advisor)	Project to assess nature and environmental contaminants and a random sample of MBTA stations in the greater Boston area	Alumnae Association Innovation Grant Program	12/20/2018	\$1,421	Chemistry & Physics	CNBHS
Joanna O'Gorman, Student (Elizabeth Scott, Advisor)	Characterizing the antibiotic resistance patterns of staphylococcus aureus in a population of healthy college students	Alumnae Association Innovation Grant Program	12/20/2018	\$1,000	Biology	CNBHS

EXTERNAL FUNDING PROPOSALS

PRINCIPAL INVESTIGATOR	TITLE	AGENCY/PROGRAM	DATE SUBMITTED	AMOUNT REQUESTED	DEPARTMENT/SCHOOL	COLLEGE
Nanette Veilleux	Collaborative Research: Exploring Phonemic Categories and their Interpretive Contributions to English Intonation using Acoustic Phonetic Tools	National Science Foundation in collaboration with Princeton University	1/10/2019	\$65,379	Computer Science	COCIS
Melinda Gushwa	Simmons Trauma Education Project	Boston Children's Hospital Collaboration for Community Health Program	1/28/2019	\$299,541	SSW	CSSPP
Anna Aguilera	BTtp Certificate Conference Proposal: Sustainability through Community Conference in preparation for Certificate Program	Bringing Theory to Practice (BTtP)	1/31/2019	\$5,000	Biology	CNBHS
Michelle Putnam	Building Capacity to Improve Community Participation for People Aging with Long-Term Disability through Evidence-based Strategies	Washington University at St. Louis	2/6/2019	\$39,810	SSW	CSSPP
Nathan Brewer, Student (Kristie Thomas, Advisor)	Queering the Paradigm Intimate Partner Violence Research Study	Society for the Psychological Study of Social Issues	2/8/2019	\$1,000	SSW	CSSPP
Rong Tang	Retooling the Librarian Workforce: Innovative Post-Master's Certificate Program for Developing Inter-Professional Informationists (IPI)	IMLS — Laura Bush 21st Century Librarian Program	3/15/2019	\$418,951	SLIS	COCIS
Viktor Grigoryan	Simmons Mathematical Computer and Statistical Sciences Scholars (SIMMCSs)	National Science Foundation	3/28/2019	\$17,989	Computer Science	COCIS
Erin Curley, Student (Sam Fox, Advisor)	Simmons University Food and Resource Pantry	Alumnae Association Innovation Grant Program	4/12/2019	\$1,500	Office of Student Leadership and Activities	Student Affairs
Jennifer Putney	Opioid Workforce Expansion Professionals Program (OWEP)	U.S. Department of Health and Human Services/HRSA	5/4/2019	\$1,281,354	SSW	CSSPP
Johnnie Hamilton-Mason	Study of Diversity and Inclusiveness of Minority Professional at Leadership Levels in Human Services Industry	African Bridge Network, Inc.	5/14/2019	\$10,473	SSW	CSSPP
Tamara Cadet	Shared decision making and colorectal cancer screening behaviors among old adults with low health literacy	National Institutes of Health/K23 Career Development Program	3/5/2019	\$658,652	SSW	CSSPP
Joanna Almeida	Development of a Twitter-based measure of area level anti-immigrant sentiment and its association with adverse birth outcomes among immigrant women in the United States	National Institutes of Health	6/4/2019	\$277,062	SSW	CSSPP
Benjamin Cole	Support for Student Research Assistants — Continuation	Societal — Systems Research, Inc/Center for Systemic Peace	5/28/2019	\$9,600	Political Science	CSSPP
Jennifer Putney	FY 2017 BHWET Competition, Behavioral Health Workforce Initiative-2 — Year 3	U.S. Department of Health and Human Services/HRSA	6/30/2019	\$476,252	SSW	CSSPP
TOTAL AMOUNT REQUESTED				\$5,278,487		

EXTERNAL FUNDING

19 AWARDS RECEIVED



EXTERNAL FUNDING AWARDS

PRINCIPAL INVESTIGATOR	TITLE	AGENCY/PROGRAM	AMOUNT REQUESTED	AMOUNT RECEIVED	DATE RECEIVED	DEPARTMENT/SCHOOL	COLLEGE
Kim Harriman (New Director: Jennifer Putney)	BHWET Supplement — Substance Abuse Disorders	U.S. Department of Health and Human Services/HRSA	\$357,753	\$357,753	8/30/2018	SSW	CSSPP
Michele Cloonan	Librarian Training Program in Iraq	International Research & Exchange Board (IREX)	\$30,377	\$30,377	9/4/2018	SLIS	COCIS
Jennifer Roecklein-Canfield	REU Program in Synthetic Biology: Collaborative Project with North Carolina A&T University	National Science Foundation	\$215,377	\$215,377	2/12/2019	Chemistry & Physics	CNBHS
Benjamin Cole	Support for Student Research Assistants	Societal — Systems Research, Inc/Center for Systemic Peace	\$8,400	\$7,800	10/15/2018	Political Science	CSSPP
Yulong Li	Conference Travel Support	Agreement between Simmons University and the East Carolina University, the Direct Selling Association, and the Direct Selling Foundation	\$1,575	\$1,571	9/6/2018	School of Business	COCIS
Naomi Suminski, Student (Rich Gurney, Advisor)	Summer Research Materials Grant	Norris-Richards Student Research Scholarship	\$500	\$500	7/24/2018	Chemistry & Physics	CNBHS
Laura Prieto	Eva Whiting White Collection and the History of an Immigrant Community in Boston (collaboration with Boston City Archives)	The Council of Independent Colleges — Connecting Independent Colleges with their communities through Undergraduate Research Initiative	\$10,000	\$10,000	3/8/2019	History	Ifill College
Elizabeth Scott & Adrienne Garcia, Students (Michael Berger, Advisor)	Project to assess nature and environmental contaminants and a random sample of MBTA stations in the greater Boston area	Alumnae Association Innovation Grant Program	\$1,421	\$1,421	12/20/2018	Chemistry & Physics	CNBHS
Joanna O’Gorman, Student (Elizabeth Scott, Advisor)	Characterizing the antibiotic resistance patterns of staphylococcus aureus in a population of healthy college students	Alumnae Association Innovation Grant Program	\$1,000	\$1,000	12/20/2018	Biology	CNBHS
Melinda Gushwa	Simmons Trauma Education Project	Boston Children’s Hospital Collaboration for Community Health Program	\$299,541	\$299,541	5/23/2019	SSW	CSSPP
Michelle Putnam	Building Capacity to Improve Community Participation for People Aging with Long-Term Disability through Evidence-based Strategies	Washington University at St. Louis	\$39,810	\$39,810	2/1/2019	SSW	CSSPP
Nathan Brewer, Student (Kristie Thomas, Advisor)	Queering the Paradigm Intimate Partner Violence Research Study	Society for the Psychological Study of Social Issues	\$1,000	\$1,000	2/8/2019	SSW	CSSPP
Rong Tang	Retooling the Librarian Workforce: Innovative Post-Master’s Certificate Program for Developing Inter-Professional Informationists (IPI) — Preliminary Proposal	IMLS - Laura Bush 21st Century Librarian Program	\$418,951	\$418,951	6/27/2019	SLIS	COCIS
Erin Curley, Student (Sam Fox, Advisor)	Simmons University Food and Resource Pantry	Alumnae Association Innovation Grant Program	\$1,500	\$1,500	4/12/2019	Office of Student Leadership and Activities	Student Affairs
Johnnie Hamilton-Mason	Study of Diversity and Inclusiveness of Minority Professional at Leadership Levels in Human Services Industry	African Bridge Network, Inc.	\$10,473	\$10,473	5/24/2019	SSW	CSSPP
Benjamin Cole	Support for Student Research Assistants — Continuation	Societal — Systems Research, Inc/Center for Systemic Peace	\$9,600	\$9,600	6/30/2019	Political Science	CSSPP
Elizabeth Metallinos-Katsaras	Nutrition Department Ongoing Educational Support for Functional Medicine Education	Heinz Family Foundation	\$95,000	\$95,000	12/20/2018	Nutrition	CNBHS
Nakeisha Cody	Global Initiative Fund for the Future	Katie McGrath and JJ Abrams Family Foundation	\$500,000	\$500,000	12/3/2018	Undergraduate Research and Fellowships	Provost Office
Richard Voos	Jumpstart Affiliate Site Agreement for Site Manager	Jumpstart for Young Children, Inc. (Americorps)	\$82,481	\$82,481	9/1/2018		Provost Office
TOTAL AMOUNT RECEIVED				\$2,084,155			

EXPENDITURES: FEDERALLY FUNDED

SIMMONS' GRANT #	PROJECT TITLE	SPONSOR/ AGENCY NAME	PRIME SPONSOR (IF SUB-AWARD)	START DATE	END DATE	PI NAME	DEPARTMENT/ SCHOOL NAME	COLLEGE NAME	Since start date		FY19		F&A/ INDIRECT RATE
									AMOUNT AWARDED	CUMULATIVE COSTS	DIRECT COSTS	INDIRECT COSTS	
400009	SBIRT Training	Substance Abuse & Mental Health Services Administration		9/30/2015	9/29/2019	Jennifer Putney	School of Social Work / Department of Psychology	College of Social Sciences, Policy, and Practice	\$903,507.00	\$775,950.25	\$83,471.92	\$6,677.75	8.00%
400012	Adaptation of a Mammography decision aid for low health literate women aged 75+	Beth Israel Deaconess Medical Center	National Cancer Institute (NIH)	8/1/2016	5/31/2019	Tamera Cadet	School of Social Work / Department of Psychology	College of Social Sciences, Policy, and Practice	\$266,918.00	\$266,918.00	\$749.66	\$6,311.18	58.70%
400013	Behavioral Health Workforce Education	HRSA (Health Resources and Services Agency)		9/30/2017	8/31/2021	Jennifer Putney / Suzanne Sankar	School of Social Work / Department of Psychology	College of Social Sciences, Policy, and Practice	\$2,236,279.00	\$996,920.46	\$544,707.51	\$43,576.60	8.00%
400014	Building Capacity To Improve Community Participation	The Washington University	Department of Health and Human Services	9/30/2017	9/29/2022	Michelle Putnam	School of Social Work / Department of Psychology	College of Social Sciences, Policy, and Practice	\$154,261.00	\$39,809.96	\$12,881.10	\$6,486.59	51.50%
400015	Measuring Library Broadband Networks for National Digital Platform	Institute of Museum and Library Services		6/1/2018	5/31/2020	Colin Rhinesmith	Library & Information Science	College of Organizational, Computational, and Information Sciences	\$568,672.00	\$236,005.47	\$223,251.32	\$12,754.15	51.50%
400016	Responsible Fatherhood Groups and Domestic Violence Education	Temple University	Department of Health and Human Services	6/1/2018	9/15/2019	Kristie Thomas	School of Social Work / Department of Psychology	College of Social Sciences, Policy, and Practice	\$25,409.00	\$11,500.50	\$10,000.00	\$1,500.50	15.00%
400017	Meeting the Social Services Needs of People in Crisis at the Boston Public Library	UMass Medical School	National Network of Libraries of Medicine New England Region	5/1/2018	4/30/2019	Rachel Williams	Library & Information Science	College of Organizational, Computational, and Information Sciences	\$4,748.00	\$4,747.91	\$3,380.59	\$1,367.32	51.50%
400018	Collaborative Research: REU Site: Multisite REU in Synthetic Biology	National Science Foundation		3/1/2019	2/28/2022	Jennifer Roecklein-Canfield	Chemistry and Physics	College of Natural, Behavioral, and Health Sciences	\$215,377.00	\$28,263.56	\$28,263.56	\$0.00	51.50%
400020	Training Library Management Capacity Building — University of Kerbala	International Research and Exchange Board (IREX)		8/16/2018	8/30/2019	Michele Cloonan / Lorraine Stringer	Library & Information Science	College of Organizational, Computational, and Information Sciences	\$30,377.00	\$27,644.55	\$25,149.05	\$2,495.50	20.00%
400025	Americorps-JumpStart XIV	JumpStart for Young Children, Inc.		9/1/2017	8/31/2018	Dara Starkman / Richard Voos	Office of Community Engagement	Provost Office	\$75,077.05	\$61,436.89	\$11,763.75	\$495.25	4.21%
400026	Americorps-JumpStart XV	JumpStart for Young Children, Inc.		9/1/2018	8/31/2019	Dara Starkman / Richard Voos	Office of Community Engagement	Provost Office	\$82,481.17	\$65,939.68	\$63,280.02	\$2,659.66	4.21%

EXTERNAL FUNDING

EXPENDITURES: FEDERALLY FUNDED

SIMMONS' GRANT #	PROJECT TITLE	SPONSOR/ AGENCY NAME	PRIME SPONSOR (IF SUB-AWARD)	START DATE	END DATE	PI NAME	DEPARTMENT/ SCHOOL NAME	COLLEGE NAME	Since start date		FY19		F&A/ INDIRECT RATE
									AMOUNT AWARDED	CUMULATIVE COSTS	DIRECT COSTS	INDIRECT COSTS	
400049	Know News: Understanding and Engaging with Mis- and Disinformation	Institute of Museum and Library Services		10/1/2017	9/30/2018	Laura Saunders	Library & Information Science	College of Organizational, Computational, and Information Sciences	\$71,231.00	\$71,231.00	\$7,837.52	\$2,935.00	51.50%
402050	Mass Gilbert Grant 16			7/1/2018	6/30/2019	Amy Staffier	Student Financial Services		\$390,000.00	\$390,000.00	\$390,000.00	\$0.00	0.00%
402807	Educator Preparation Formative Feedback Reviews	Massachusetts Department of Elementary and Secondary Education		8/15/2016	6/30/2018	Janie Ward	Africana Studies and Education	College of Social Sciences, Policy, and Practice	\$23,625.56	\$23,625.56	\$0.00	\$5,283.49	58.70%
404056	PBCore Development and Training Project	WGBH	National Endowment for the Humanities	3/1/2017	2/28/2018	Rong Tang	Library & Information Science	College of Organizational, Computational, and Information Sciences	\$15,000.00	\$14,990.00	—	\$4,460.00	58.70%

EXTERNAL FUNDING

EXPENDITURES: PRIVATE FUNDING

PRIVATE GRANT #	PROJECT TITLE	SPONSOR/ AGENCY NAME	PRIME SPONSOR (IF SUB-AWARD)	START DATE	END DATE	PI NAME	DEPARTMENT NAME	COLLEGE NAME	Since start date		FY19		F&A/ INDIRECT RATE
									AMOUNT AWARDED	CUMULATIVE COSTS	DIRECT COSTS	INDIRECT COSTS	
404048	Design and Development Support of the New Simmons PLAN Undergraduate Curriculum	Davis Educational Foundation		1/1/2016	12/31/2019	Catherine Paden / Jennifer Herman	Undergraduate Program/CET	Provost Office	\$299,676.00	\$246,681.16	\$69,388.69	—	0%
404051	Simmons College Nutrition Diversity Program	Academy of Nutrition and Dietetics		6/1/2016	5/31/2018	Lisa Brown	Department of Nutrition	College of Natural, Behavioral, and Health Sciences	\$10,000.00	\$4,335.88	\$854.49	—	0%
404052	STEM Teaching Institute: Preparing Postdoctoral Fellows for Faculty Careers in Undergraduate STEM Disciplines	Burroughs Welcome Fund		6/1/2016	8/31/2017	Elizabeth Scott	Biology	College of Natural, Behavioral, and Health Sciences	\$43,477.00	\$42,981.00	\$349.80	—	0%
404058	Grant Program	Colleges of the Fenway	Davis Educational Foundation	1/1/2018	5/2/2018	Anna Aguilera	Biology	College of Natural, Behavioral, and Health Sciences	\$13,000.00	\$7,870.75	\$2,002.99	—	0%
404059	Global Impact Symposium & Student Organization	Colleges of the Fenway	Davis Educational Foundation	1/1/2018	5/2/2018	Cheri Ramirez	Chemistry and Physics	College of Natural, Behavioral, and Health Sciences	\$14,100.00	\$8,034.66	\$2,959.66	—	0%
404063	Summer Stipend Program	Sherman Fairchild Foundation		4/1/2018	3/31/2021	Cassandra Saito / Jane Lopilato	Biology	College of Natural, Behavioral, and Health Sciences	\$171,885.00	\$89,832.69	\$45,746.30	—	0%
404065	Bringing Simmons College to Boston Area Learners	Alumnae Association Innovation Grants		4/1/2018	n/a	Mindell Nitkin	Economics	College of Social Science, Policy, and Practice	\$1,343.00	\$1,294.13	\$1,294.13	—	0%
404066	Tissue Culture Project	Alumnae Association Innovation Grants		5/29/2018	5/28/2019	Jennifer Roecklein-Canfield, Advisor (Chyenne Yeager)	Chemistry	College of Natural, Behavioral, and Health Sciences	\$1,500.00	\$1,499.39	\$990.00	—	0%
404068	Mini-grant for Civic Learning in the Major by Design	Association of American Colleges and Universities		5/11/2018	10/29/2018	Michael Berger	Chemistry & Physics	College of Natural, Behavioral, and Health Sciences	\$800.00	\$342.07	\$342.07	—	0%
404069	Self Directed Planning for Long-Term Services and Supports and Care Coordination by Individuals who have Experienced Poliomyelitis or Other Mobility Disabilities	TIRR Memorial Herman Research Center		5/1/2018	6/30/2019	Michelle Putnam	SSW	College of Social Science, Policy, and Practice	\$25,763.00	\$24,966.74	\$24,966.74	—	0%
404070	Ifill Board Room	Knight Foundation		5/1/2018	3/1/2019	n/a	n/a	The Gwen Ifill College of Media, Arts, and Humanities	\$250,000.00	\$250,000.00	\$250,000.00	—	0%

EXPENDITURES: PRIVATE FUNDING

PRIVATE GRANT #	PROJECT TITLE	SPONSOR/ AGENCY NAME	PRIME SPONSOR (IF SUB-AWARD)	START DATE	END DATE	PI NAME	DEPARTMENT NAME	COLLEGE NAME	Since start date		FY19		F&A/ INDIRECT RATE
									AMOUNT AWARDED	CUMULATIVE COSTS	DIRECT COSTS	INDIRECT COSTS	
404072	Polity Project	Societal-Systems Research, Inc.		9/1/2018	6/1/2019	Benjamin Cole	Political Sc. And International Relations	College of Social Science, Policy, and Practice	\$17,400.00	\$9,690.00	\$9,690.00	—	0%
404074	Project to assess the nature and extent of airborne environmental contaminants at a random sample of MBTA stations in the Greater Boston area	Alumnae Association Innovation Grants		1/1/2019	6/30/2019	Michael Berger, Advisor (E. Scott & A. Garcia)	Chemistry & Physics	College of Natural, Behavioral, and Health Sciences	\$1,420.85	\$1,251.85	\$1,251.85	—	0%
404075	The Norris-Richards Undergraduate Summer Research Scholarship	Northeastern Section of American Chemical Society		7/1/2018	6/30/2019	Rich Gurney, Advisor (S. Couvertier)	Chemistry	College of Natural, Behavioral, and Health Sciences	\$500.00	\$468.14	\$468.17	—	0%
404076	Queering the Paradigm	Society for the Psychological Study of Social Issues		3/1/2019	12/31/2020	Kristie Thomas, Advisor (N. Brewer)	SSW	College of Social Science, Policy, and Practice	\$1,000.00	—	—	—	0%
404077	Eva Whiting White Collection and the History of an Immigrant Community in Boston	The Council of Independent Colleges		5/1/2019	6/30/2020	Laura Prieto	History	The Gwen Ifill College of Media, Arts, and Humanities	\$10,000.00	\$855.54	\$855.54	—	0%
404078	Simmons University Food & Resource Pantry	Alumnae Association Innovation Grants		4/1/2019	3/31/2020	Sam Fox, Advisor (E. Curley)	Office of Student Leadership and Activities	Provost Office	\$1,500.00	\$18.00	—	—	0%
404079	Boston Children's Collab for Comm Health — Simmons Trauma Education Project	Boston Children's Hospital		5/1/2019	4/30/2022	Melinda Gushwa	SSW	College of Social Science, Policy, and Practice	\$299,542.00	—	—	—	0%
404080	Study of Diversity and Inclusiveness of Minority Professional SAT Leadership Levels in Human Services Industry	African Bridge Network (ABN)		4/25/2019	11/31/2019	Johnnie Hamilton-Mason / Hugo Kanya	SSW	College of Social Science, Policy, and Practice	\$10,473.00	—	—	—	0%
404401	Global Initiative Fund For The Future	McGrath Foundation		12/1/2018	6/30/2021	Nakeisha Cody	Undergraduate Research and Fellowships	Provost Office	\$500,000.00	\$34,310.54	\$34,310.54	—	0%
404402	Functional Medicine Education — Nutrition	Heinz Foundation		1/8/2019	1/7/2021	Elizabeth Metallinos-Katsaras	Nutrition	College of Natural, Behavioral, and Health Sciences	\$95,000.00	—	—	—	0%
404810	Policy Practice in Field Education Initiative	Council on Social Work Education		6/2/2016	5/1/2019; NCE was approved, no end date was specified	Michelle Putnam	SSW	College of Social Science, Policy, and Practice	\$14,394.00	\$6,066.40	\$817.39	—	0%

Only grants active in FY19 are included

Grants that ended prior to FY19 and/or are in the process of close-out excluded from report.

EXTERNAL FUNDING

INDIVIDUAL APPLICATIONS

PRINCIPAL INVESTIGATOR	TITLE	PROGRAM	AGENCY	DEPARTMENT/SCHOOL	COLLEGE
Jessica Parr			North American Council for British Studies	History	Ifill College
		Florence Bell Scholar Award (week of research in the archives)	Methodist Archives at Drew University		
	Evolution of Transatlantic Black Nationalism, 1760-1860	Archie K. Davis Fellowship (week of research at UNC)	North Caroliniana Society		
Ellen Grabner		Artist Fellowship – Film & Video 2019	Massachusetts Cultural Council	Communications	Ifill College
	Gender Trap(pings): Signs of Love, Power, and Identity	Steven Petrow LGBTQ Fellowship	Virginia Center for the Creative Arts		
Renee Bergland	Scribbling Men: Transposing Literary Genius, Hawthorne to Hemingway	Fellowship	American Council of Learned Societies	English	Ifill College



INTERNAL FUNDING

FACULTY FUND FOR RESEARCH

FIRST NAME	LAST NAME	DEPARTMENT	TITLE	AWARDED AMOUNT
Amy	Ballin	Education	A case study of strategies to decrease anxiety, discipline issues, and increase attention for students affected by trauma	\$2,200.00
Audrey	Golden	English	Literary Tribunals and Legal Lacunas in West Africa	\$2,500.00
Valerie	Leiter	Sociology	Medical Device-Caused Illness	\$2,500.00
Renée	Bergland	English	Planetary Politics	\$2,500.00
Shreya	Bhattacharyya	Chemistry & Physics	Verifying the claims of efficacy of cannabidiol in topical creams and ointments	\$2,115.00
Saher	Selod	Sociology	Islamophobia: Twenty-First-Century Racism	\$1,080.00
Charlotte	Russell	Biology	Development of In Vitro Cell Culture Models of the Vasculature	\$2,500.00
Spela	Trefalt	School of Business	Coaching for Career Decisions During Impending Motherhood	\$1,080.00
Colleen	Kiely	Art & Music	Women on the Verge — Research and Development	\$1,646.00
Laura	Saunders	SLIS	Towards a Collaborative Framework for Librarians & Allied Professionals	\$1,940.00
Edie	Bresler	Art & Music	We Sold A Winner	\$2,000.00
Sheldon	George	English	Contemporary African American and Black British Women Writers: Narrative, Race, Ethics	\$2,500.00
				\$24,561.00

12 funded
2 unfunded

INTERNAL FUNDING

FACULTY DEVELOPMENT FUND

AY	LAST NAME	FIRST NAME	DEPARTMENT/SCHOOL	CONFERENCE	LOCATION	ACTIVITY	AMOUNT AWARDED	AWARD PERIOD
2018-2019	Sealey	Beverly	Social Work	2018 IFSW/IASSW International Conference	Dublin, Ireland	Present a poster	\$700.00	Summer 2018
2018-2019	Saunders	Laura	Library and Information Science	American Library Association Annual Conference	Washington, DC	Present	\$700.00	Summer 2019
2018-2019	Thomas	Kristie	Social Work	International Family Violence Conference	Portsmouth, NH	Present a poster	\$615.00	Summer 2018
2018-2019	Puri	Jyoti	Sociology	Annual meetings of the American Sociological Association	Philadelphia, PA	Present a poster	\$700.00	Summer 2018
2018-2019	Berger	Michael	Chemistry and Physics	Annual meetings of the American Sociological Association	Philadelphia, PA	Present a poster	\$515.00	Summer 2018
2018-2019	Saunders	Laura	Library and Information Science	European Council on Information Literacy	Oulu, Finland	Present a poster	\$700.00	Fall 2018
2018-2019	Cadet	Tamara	Social Work	Gerontological Society of America Conference	Boston, MA	Present two posters	\$605.00	Fall 2018
2018-2019	Nolan	Katherine Novick	Social Work	Council on Social Work Education	Orlando, FL	2 oral presentations	\$700.00	Fall 2018
2018-2019	Tang	Rong	Library and Information Science	ASIS&T 2018 Annual Meeting, Vancouver	BC, Canada	Present 2 papers, attend business meetings	\$700.00	Fall 2018
2018-2019	Bergland	Renée	English	American Studies Association	Atlanta, GA	Present a paper	\$700.00	Fall 2018
2018-2019	Agarwal	Naresh	Library and Information Science	ASIS&T 2018 Annual Meeting	Vancouver, BC, Canada	Present a paper, meetings	\$700.00	Fall 2018
2018-2019	Ramirez	Cherie	Biochemistry	American Association of Colleges & Universities Transforming STEM in Higher Education Conference	Atlanta, GA	Convene a session	\$700.00	Fall 2018
2018-2019	Liuzzo	Derek	Physical Therapy	American Physical Therapy Association	Washington, DC	Present a poster with students	\$700.00	Spring 2019
2018-2019	Kamya	Hugo	Social Work	Society for Social Work Research conference	San Francisco, CA	Present a paper	\$700.00	Spring 2019
2018-2019	Frost	Abbie	Social Work	Society for Social Work Research conference	San Francisco, CA	Present a paper	\$700.00	Spring 2019
2018-2019	Ballin	Amy	Education	Council for Exceptional Children conference	Indianapolis, IN	Present a workshop	\$468.00	Spring 2019
2018-2019	Martin	Sarah	Psychology	Society for Research in Child Development Conference	Baltimore, MD	Present a poster	\$700.00	Spring 2019
2018-2019	Graves	Daren	Education	American Education Research Association Conference	Toronto, ON, Canada	Present in symposium	\$700.00	Spring 2019
2018-2019	Hamilton-Mason	Johnnie	Social Work	51st Annual National conference National Association of Black Social Workers	Atlanta, GA	Present workshop	\$700.00	Spring 2019
2018-2019	Doherty	Leanne	Political Science	Oxford Women's Leadership Conference	Oxford, UK	Present on a panel	\$700.00	Spring 2019
2018-2019	Maguire	Russell	Behavior Analysis	Association of Behavior Analysis, International	Chicago, IL	Present a paper, on a panel, poster	\$511.00	Spring 2019
2018-2019	Golden	Audrey	English	American Comparative Literature Association Annual Conference	Washington, DC	Organize/chair panel, present a paper	\$700.00	Spring 2019
2018-2019	Scott	Elizabeth	Biology	National Postdoctoral Association Meeting	Orlando, FL	Make workshop presentation	\$700.00	Spring 2019
2018-2019	Prieto	Laura	History	Organization of American Historians	Philadelphia, PA	Present a research paper	\$700.00	Spring 2019
2018-2019	Donovan	Elizabeth	Psychology	40th annual meeting Society for Behavioral Medicine	Washington, DC	Present research project	\$620.00	Spring 2019
2018-2019	Mukherjee	Zinnia	Economics	Applied Environmental Economics conference	London, UK	Present a poster	\$700.00	Spring 2019
2018-2019	Dieujuste	Colette	Nursing	ENRS Annual Scientific Sessions	Providence, RI	Present a research paper	\$700.00	Spring 2019
2018-2019	Christian	LaDonna	Nursing	4th Annual International Conference on Nursing	Athens, Greece	Present a paper	\$700.00	Spring 2019
2018-2019	Radwan	Ahmed	Chemistry and Physics	American Chemical Society Spring 2019 Conference	Orlando, FL	present a paper and a poster	\$700.00	Spring 2019
2018-2019	Carole	Biewener					\$700.00	Spring 2019
2018-2019	Fung	Teresa	Nutrition	American Society for Nutrition	Baltimore, MD	Present a paper	\$700.00	Spring 2019

All submitted applications were funded.

\$20,834.00

INTERNAL FUNDING

GRADUATE STUDENT FUND FOR RESEARCH

STUDENT LAST NAME	STUDENT FIRST NAME	SCHOOL/DEPARTMENT	CO-APPLICANT NAME(S) AND MAJOR(S)	ADVISOR LAST NAME	ADVISOR FIRST NAME	ADIVSOR SCHOOL/ DEPARTMENT	PROJECT TITLE	FUNDING AMOUNT
Brewer	Nathan Quinter	SSW	n/a	Thomas	Kristie	SSW	Intimate Partner Violence among Gender and Sexual Minority Youth	\$1,000
Baner	Selina	Physical Therapy	Jessica Danahy & Trace Renaud	Liuzzo	Derek	Physical Therapy	Assessing Validity and Reliability of 2D Motion Analysis Mobile Device Applications with Drop Landings	\$984
LaPointe	Samantha	Behavior Analysis	n/a	Chase	Philip	Behavior Analysis	An Evaluation of an Online Hybrid Training Program: Functional Analysis Skill	\$1,000
Tshabangu	Sibusisiwe T.	Public Health	n/a	Leiter	Valerie	Public Health	The Somali Bantu encounter with the healthcare system in Manchester, NH: A Critical Inquiry	\$998
Sullivan	Matthew Connor	SLIS	n/a	Saunders	Laura	SLIS	Leveraging Trust in Libraries to Combat Misinformation	\$400

9 applications submitted

5 applications funded (1 was not able to accept funding)

GRADUATE STUDENT TRAVEL FUND

AY	LAST NAME	FIRST NAME	DEPARTMENT	FACULTY ADVISOR	CONFERENCE	LOCATION	ACTIVITY	AWARDED AMOUNT
2018-2019	Apata	Memory	SLIS	Laura Saunders	International Association of Music Libraries Congress	Leipzig, Germany	Present a paper	\$500.00
2018-2019	Murray	Marnie	Gender/Cultural Studies	Jo Trigilio	National Women Studies Association conference	Atlanta, Georgia	Present on a panel	\$500.00
2018-2019	Dupont	Matisse	Gender and Cultural Studies	Jo Trigilio	UCLA Qgrad 2018 conference	Los Angeles, CA	Present a paper	\$325.00
2018-2019	Sinclair	Christine	Nutrition	Kathrina Prelack	Food & Nutrition Conference and Expo	Washington, DC	Networking	\$425.00
2018-2019	Gregg	Will	SLIS	Rong Tang	ASIS&T 2018 annual meeting	Vancouver, BC, Canada	Present a paper	\$500.00
2018-2019	Child	Erin	Nutrition	Kathrina Prelack	Food & Nutrition Conference and Expo	Washington, DC	Networking	\$465.00
2018-2019	Wu	Kaylin	English	Lydia Fash		Denver, Colorado	Present on a panel	\$500.00
2018-2019	Brewer	Nathan Q.	SSW	Kristie Thomas	Society for Social Work and Research annual conference	San Francisco, CA	Make 3 presentations	\$500.00
2018-2019	Ganson	Kyle	SSW	Michelle Putnam	International Conference on Eating Disorders	New York, NY	Present a paper	\$375.00
2018-2019	Rogerson	Christine	SSW	Melinda Gushwa	Association of Baccalaureate Social Work Program Directors 2019 annual conference	Jacksonville, FL	Present a paper	\$450.00
2018-2019	Locke-Hardy	Corrie	Gender/Cultural Studies	Jo Trigilio	Society for Research in Child Development	Baltimore, MD	Roundtable participant	\$400.00
2018-2019	Swallow	Erica	Children's Literature	Cathryn Mercier	Big Sur Children's Writing Workshop	Cape Cod, MA	Present book manuscripts	\$400.00
2018-2019	Meleshkevich	Olga	Behavior Analysis	Judah Axe	ABAI 45th Annual Convention	Chicago, IL	Present at a symposium	\$450.00

INTERNAL FUNDING

UNDERGRADUATE STUDENT FUND FOR RESEARCH

STUDENT LAST NAME	STUDENT FIRST NAME	MAJOR	ADVISOR LAST NAME	ADVISOR FIRST NAME	ADVISOR DEPARTMENT	PROJECT TITLE	FUNDING AMOUNT
Streimer	Sophia	Chemistry	Ismail	Mariam	Chemistry and Physics	Photodegradation of Organic Molecules Using Microporous Vanadosilicate AM-6 based on Size and Polarity	\$990
Breton	Celine	Biochemistry	Saitow	Cassandra	Biology	In Vitro Cytotoxicity Assay of Perfluorooctanoic Acid (PFOA)	\$997
Karod	Madeline	Environmental Science & Chemistry	Ismail	Mariam	Chemistry and Physics	Synthesis of ZnO-SiO ₂ Nanocomposite in Elastomeric Foam for the Photodegradation of Pharmaceutical Compounds	\$687
Robinson	Ari	Biology	Luth	Eric	Biology	Toxicological Effects of Perfluorooctanoic Acid (PFOA) on <i>C. elegans</i>	\$1,000
Scott	Elizabeth	Chemistry	Berger	Michael	Chemistry and Physics	Analysis of Airborne Contaminants at MBTA Stations	\$710
Syed	Lena	LS: Nutrition/Pre-dental MT: Biochem/PreMed SI: Biochem/Pre-dental	Mustata	Gina Mirela	Chemistry and Physics	Analysis of Antimicrobial Properties of Neem Sticks: An All-Natural Alternative to Toothbrushes	\$959
Wolff	Jacquelyn	Biochemistry	Radwan	Ahmed	Chemistry and Physics	Functionalized Gold Nanorods as Contrast Agent for Optical Coherence Tomography Imaging of Age-related Macular Degeneration	\$1,000
KC	Ashmita	Biochemistry	Abate	Maria	Biology	The Effect of Parental Diet, Embryonic Chorion Membrane and Predation Threat in Yolk Lipid Mobilization and Movement of Larval Zebrafish	\$820
Pantazopoulos	Joanna	Biology	Saitow	Cassandra	Biology	The Effect of Virgin Coconut Oil on Wound Healing	\$997
Noyes	Jacquelyn	Biology	Saitow	Cassandra	Biology	Examining the Antimicrobial Properties and Possible Toxicity to Mammalian Cells of Gold (I) Thiolate Compounds	\$1,000
Du	Esrach	Biology	Saitow	Cassandra	Biology	Characterization of the role of striated fiber assembling proteins in the asexual life cycle of <i>Plasmodium falciparum</i>	\$952
Portillo	Graciela	Biology	Saitow	Cassandra	Biology	Determining <i>Mangifera Indica</i> 's Wound Healing Abilities Using Mouse Embryonic Fibroblast Cells	\$998
Yu	Christine	Biology	Saitow	Cassandra	Biology	Antimicrobial effects of Auranofin and related gold (I) Compounds	\$1,000
							\$12,110

13 awards were made
17 applications were submitted

UNDERGRADUATE STUDENT TRAVEL FUND

AY	LAST NAME	FIRST NAME	DEPARTMENT/ SCHOOL	FACULTY ADVISOR	CONFERENCE	LOCATION	ACTIVITY	AWARDED AMOUNT
2018-2019	Pintea	Giulia Isabella	Mathematics	Donna Beers	Sigma Xi Annual Meeting & Student Research Conference	San Francisco, CA	Present a poster about SURPASs project	\$390.00
2018-2019	Scott	Hannah	Psychology	Elizabeth Donovan	New England Psychology Association 2018 Annual Meeting at WPI	Worcester, MA	Present a poster	\$70.00
2018-2019	O’Gorman	Joanna	Biology	Elizabeth Scott	American Public Health Association annual conference	San Diego, CA	Present a poster	\$500.00
2018-2019	Pintea	Giulia Isabella	Mathematics	Donna Beers	Joint Mathematics Meetings conference	Baltimore, MD	Present a project	\$200.00
2018-2019	Karod	Madeline	Chemistry & Physics	Mariam Ismail / Michael Berger	American Chemical Society Conference	Orlando, FL	Present thesis work	\$325.00
2018-2019	Doucette	Kristen	Chemistry & Physics	Dr. White & Dr. O’Malley, Brigham and Women’s Hospital	American Chemical Society Conference	Orlando, FL	Present a poster	\$450.00
2018-2019	Streimer	Sophia	Chemistry & Physics	Mariam Ismail	American Chemical Society Conference	Orlando, FL	Present a poster	\$450.00
2018-2019	Harrison	Kelly	Chemistry & Physics	Nancy Lee	American Chemical Society Conference	Orlando, FL	Present a poster	\$450.00
2018-2019	Wolff	Jacquelyn	Chemistry & Physics	Ahmed Radwan	American Chemical Society Conference	Orlando, FL	Present thesis work	\$450.00
2018-2019	Johnson	Heidi	Biology	Cassandra Saitow	Annual Meeting of the Wound Healing Society	San Antonio, TX	Present a poster	\$450.00
2018-2019	Pantazopoulos	Joanna	Biology	Cassandra Saitow	Annual Meeting of the Wound Healing Society	San Antonio, TX	Present a poster	\$450.00
2018-2019	Baulsir	Elaine	Chemistry & Physics	Richard Gurney	American Chemical Society Conference	Orlando, FL	Present a poster	\$400.00
2018-2019	Ware	Blue	Chemistry & Physics	Jennifer Roecklein-Canfield	American Society for Biochemistry and Molecular Biology	Orlando, FL	Present a poster	\$450.00
2018-2019	Telusma	Mardoche	Public Health	Shari Johnson	20th Annual University of Maryland National Conference for McNair Scholars and Undergraduate Research	College Park, MD	Oral presentation	\$450.00
2018-2019	Lange	Sophia	Chemistry & Physics	Shreya Bhattacharyya	American Chemical Society Conference	Orlando, FL	Accept a Green Chemistry award	\$300.00
2018-2019	Buttafuoco	Emily	Chemistry & Physics	Shreya Bhattacharyya	American Chemical Society Conference	Orlando, FL	Accept a Green Chemistry award	\$300.00
2018-2019	Rivera	Isis Danielle	Chemistry & Physics	Shreya Bhattacharyya	American Chemical Society Conference	Orlando, FL	Accept a Green Chemistry award	\$300.00

**INTERNAL
FUNDING**

SIMMONS UNDERGRADUATE RESEARCH EXPERIENCE (SURE*) FELLOWS

SURE is a competitive small grant program that supports faculty research and provides funding to undergraduate students assisting faculty in their research.

33
Number of applications

20
Number of fellows

\$30,000
Total funding provided

AFM characterization of Amyloid beta oligomers

Faculty member: Gina Mirela Mustata
Student: Sarah Gallant, Class of 2020
Major: Undeclared

Analysis of Airborne Contaminants in MBTA Stations

Faculty member: Michael Berger
Student: Elizabeth Scott, Class of 2020, Adrienne Garcia, Class of 2020
Major: Chemistry, Health Informatics

Black Women and Mental Health: Dismantling the Ideology of the Strong Black Woman through the Intersectional Lens of Trans and Queer Identities

Faculty member: Shari Johnson
Student: Mardoche Telusma, Class of 2019
Major: Public Health

Catching Shade

Faculty member: Rich Gurney
Student: Lea Haehnel, Class of 2020
Major: Undeclared

Data Analysis of the "Resist to Stay Resilient" Survey Responses

Faculty member: Janie Ward
Student: Halley Jeremie, Class of 2021
Major: Political Science and Africana Studies

Disability, Culture, and Inclusion

Faculty member: Dawna Thomas
Student: Abigail Conlin, Class of 2019
Major: Public Health

Do Fish Marine Collagen Peptides Facilitate Wound Healing

Faculty member: Maria Abate
Student: Lisabel Asuncion, Class of 2020
Major: Environmental Science, Secondary Education

Effects of virgin coconut oil on fibroblasts in an in vitro wound healing assay

Faculty member: Cassandra Saitow
Students: Heidi Johnson, Class of 2020, Joanna Pantazopoulos, Class of 2020
Majors: Biology

Evaluation, Gender Bias and its Role in Higher Education

Faculty member: Nanette Veilleux and Cynthia Ingols
Student: Shawna Banducci, Class of 2021
Major: Information Technology

Feasibility and Acceptability of the "Making Friends with Yourself" Intervention in a College Student Population

Faculty member: Elizabeth Donovan
Student: Hannah Scott, Class of 2020
Major: Psychology

Healthy Workplaces: Forever Just an American Dream? A Review of Research on Workplace Bullying and Legislative Progress

Faculty member: Cherie Ramirez
Student: Brianna Desharnais
Major: Neuroscience & Behavior and Music

The Human Factor of Cybersecurity and Social Engineering: What We Learned From Industry Partners

Faculty member: Lauren Provost
Student: Katelyn Kalliel, Class of 2020
Major: Web Design and Development

Impact of Economic Growth and International Trade on Deforestation Rates – A Cross Country Analysis

Faculty member: Zinnia Mukherjee
Student: Merida Gabrielle Kepnes, Class of 2019
Major: Economics

The Latinx Literacy in Libraries and Archives, Boston

Faculty member: Janet Ceja
Student: Danna Leal, Class of 2020
Major: Political Science

Medical Device-driven Illness

Faculty member: Val Leiter
Student: Zoe Lefkowitz, Class of 2019
Majors: Sociology and Philosophy

Politics in Captivity: Plantations, Prisons, and World-Building

Faculty member: Lena Zuckerwise
Student: Halley Jeremie, Class of 2021
Majors: Political Science & Africana Studies

The Selected Papers of James Ramsey

Faculty member: Jessica Parr
Students: Lillian Thorne, Class of 2020
Majors: Political Science & History

Selective Photocatalytic Transformations of Molecules Driven by Size and Polarity using Microporous Vanadosilicate AM-6

Faculty member: Mariam Ismail
Student: Sophie Streimer, Class of 2019
Major: Chemistry

Walkable Neighborhoods: The Link Between Public Health, Urban Design, and Transportation

Faculty member: Rachele Pojednic
Student: Linh Vu, Class of 2019
Major: Nutrition and Dietetics

ZnO-SiO₂ Nanocomposite Elastomeric Foam for Photocatalytic Water Treatment

Faculty members: Mariam Ismail and Michael Berger
Student: Madeline Karod, Class of 2019
Majors: Environmental Science & Chemistry

* Please note the name of this program has now been changed to Undergraduate Faculty-Student Collaborative Fellowship (UGFSC)

THE SUMMER UNDERGRADUATE RESEARCH PROGRAM AT SIMMONS (SURPASS)

The Summer Undergraduate Research Program at Simmons (SURPASS) is a paid, intensive summer research experience for undergraduate students and faculty mentors across a variety of disciplines.

32

Number of applications

18

Number of students funded

\$128,863
Total funding provided

An Ultrasound Device for Guiding Cannula Placement in Ventriculostomies

Faculty mentor: Jason White, Chemistry & Physics
Student: May (Mehbooba) Tamanna, Class of 2020
Majors: Biochemistry & Physics

An Ultrasound Device for Detecting Intracranial Cavitation Concurrent with Head Impact

Faculty mentor: Jason White, Chemistry & Physics
Student: Kalen Michals, Class of 2020
Major: Neuroscience & Behavior

Black Madness / White Film: An Analysis of Various Portrayals of Black Madness in Major Motion Pictures from 2000-2015

Faculty mentor: Shari Johnson, Social Work
Student: Lennox Orion, Class of 2020
Major: Sociology

The Cost of Beauty: A Study of the Environmental Dangers of Non-Degradable Microplastics Found in Personal Care Products

Faculty mentor: Shreya Bhattacharyya, Chemistry & Physics
Student: Kathryn E. Mansour, Class of 2021
Major: Biochemistry

Deconstructing Artificial Borders of Geography and Gender: An Examination of the Works of Edna O'Brien

Faculty mentor: Audrey Golden, English
Student: Cara McHale MacKenzie, Class of 2021
Major: English

Determining the Severity of Food Insecurity at Simmons University and Proposing Lasting Solutions

Faculty mentor: Val Leiter, Public Health and Sociology
Student: Katherine Shapiro, Class of 2021
Major: Environmental Science

The effects of Cannabidiol (CBD) on an in-vitro model of wound healing assays

Faculty mentor: Ahmed Radwan, Chemistry & Physics
Student: Jenna Guglielmo, Class of 2020
Major: Biochemistry

Functionalized Gold Nanorods as Contrast Agent for Optical Coherence Tomography Imaging of Molecular Retinal Biomarkers in Alzheimer Disease

Faculty mentor: Ahmed Radwan, Chemistry & Physics
Student: Erika Tavares, Class of 2020
Major: Biochemistry

Gained in Translation: Adapting Félix Guattari's Un Amour d'UIQ to reflect Queer Latinx Consciousness

Faculty mentor: Briana Martino, Communications
Student: Juliana Gamba, Class of 2020
Major: Communications

How did Settlement Houses Create a Queer Space for Working Class Women?

Faculty mentor: Laura Prieto, History
Student: Lillian Thorne, Class of 2020
Majors: Political Science and History

How does carbon emissions impact adult mortality rate: A quantitative case study on China and India

Faculty mentor: Zinnia Mukherjee, Economics
Student: Sijia Ma, Class of 2020
Major: Nursing

Preventing Molding and Spoilage in Berries by Changing pH and Humidity: an SEM Study

Faculty mentor: Shreya Bhattacharyya, Chemistry & Physics
Student: Hann Tu, Class of 2021
Major: Biochemistry

Prevention of Bone Diseases in Vietnamese Low-income Community

Faculty mentor: Randi Lite, Exercise Science
Student: Nghi Tran Doan Cao, Class of 2021
Major: Exercise Science

Silk-based biomaterials for delivery of virgin coconut oil

Faculty mentor: Cassandra Saitow, Biology
Student: Heidi Johnson, Class of 2020
Major: Biology

Student Activism in the 1960s During and in Response to the Civil Rights Movement

Faculty mentor: Laura Prieto, History
Student: Lillian Baptist, Class of 2020
Major: Political Science

Synthesis and Analysis of a Nontoxic, Antibacterial Skin Adhesive Using Cyanoacrylates and Quaternary Ammonium Compounds

Faculty mentor: Cassandra Saitow, Biology
Students: Emma Jenkins, Class of 2020, Rhi Stevens, Class of 2020
Major: Biology, Public Health

The Undervalued Half: Understanding Women's Role in Senegalese Economic Development

Faculty mentor: Denise Horn, International Relations
Student: Abigail Donnelly, Class of 2020
Major: International Relations

SIMMONS WORLD CHALLENGE

Simmons World Challenge is an exciting program designed to empower sophomore students with the knowledge and skill set necessary to tackle pressing social problems facing local, national, and international communities.

20

Number of
applications

15

Number of
students funded

\$103,066

Total
funding
provided



TOPIC:
**Infant Nutrition:
The Global Challenge
of Nursing**

TRAVEL LOCATION:
Argentina

FACULTY MENTOR:
Benjamin Cole

TRAVEL LEADS:
Associate Professor of Practice Karen Teeley of the School of Nursing & Assistant Professor Cherie Ramirez of the Department of Chemistry and Physics

STUDENT PARTICIPANTS, CLASS OF 2021:
Celine Breton, Darschelle Desronvil, Halley Jeremie, Fatima Sow, Christina Sun, Lauren Wagner, Grace Weinberg, Josephine Ngoc, Shauntina Powell, Abigail Powers, Maria Soraghan, Eva Taylor, Abby Vervaeke, Jade Gabbidon, Sarah Stadler

During FY19 World Challenge was partially externally funded. The expenses from January - June 2019 (\$34,310.54) were funded by the McGrath Foundation Grant, as shown in the private grants section of the report.



UNDERGRADUATE SYMPOSIUM

The Simmons Undergraduate Symposium is a day-long celebration of undergraduate student research and creativity.

131

Number of applications

112

Number of student presenters

APPLICANT BREAKDOWN:

71
posters were accepted, including individuals and groups

35
panelists were accepted, including individual and group presenters

Does not include presenters in the Honors 190 panel or First Year Leadership panel; see program breakdown for clarification on panel scheduling

4
keynote speakers were selected
(3 individual presenters, 1 group presenter)

1
individual studio art installation was accepted
(not part of the studio art exhibit)

PROGRAM BREAKDOWN:

PANEL SESSIONS:

9 total

- 4 concurrent morning panels
- 5 concurrent afternoon panels
- 2 out of the 9 panels were class panels (Honors, Econometrics)
- 1 panel was a 3D award presentation (\$250 awarded to 8 recipients each, based on four categories)

First Year Leadership Showcase, 9:00 am – 12:00 pm

Poster Session & Graphic Design Showcase, 10:00 – 11:45 am

Studio Art Exhibit, on display all day

Keynote Session, 12:00 – 1:00 pm

Visit simmons.edu/undergraduatesymposium for the 2019 program brochure and abstracts.

*DISCIPLINARY REPRESENTATION:

POSTERS

- 80% of poster presenters were majors in the natural, behavioral, and health sciences
- Biology, Exercise Science, and Public Health were the top majors among poster presenters
- 28% of poster presenters were majors in the social sciences, policy, and practice

PANELS

- 43% of panel presenters were majors in social sciences, policy, and practice
- 34% of panel presenters were majors in media, arts, and humanities
- 31% of panel presenters were majors in the natural, behavioral, and health sciences

The four Keynote Session speakers represented all four colleges

Majors in organizational, computational and information sciences were the least represented across all symposium events

Additional Information: simmons.edu/sites/default/files/2019-05/UGS_BROCHURE_2019%20%281%29.pdf



RESEARCH AT SIMMONS

ANNUAL REPORT FISCAL YEAR 2019

(July 1, 2018 - June 30, 2019)

Simmons
UNIVERSITY