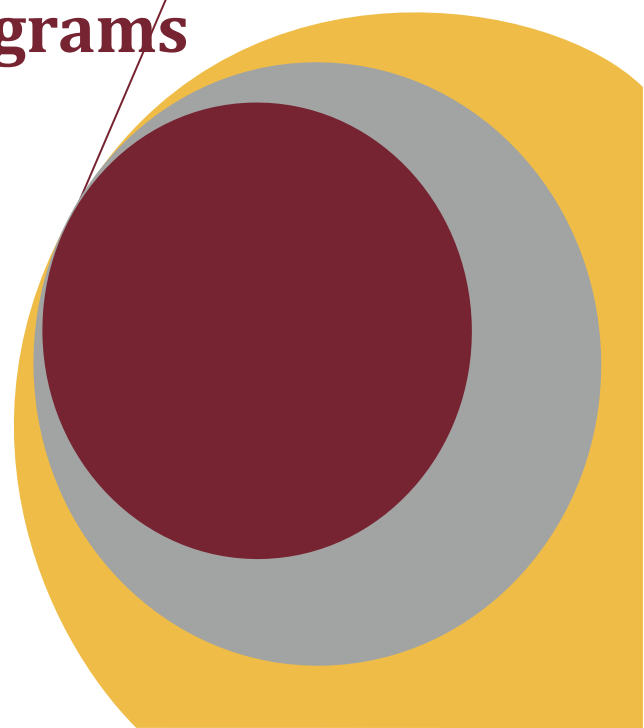




UNIVERSITY <sup>OF</sup>  
THE  
DISTRICT OF  
COLUMBIA  
— 1851

## **Office of Sponsored Programs**

**Annual Report**  
**Fiscal Year 2013**





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Interim President

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Provost and Vice President for Academic Affairs

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Director, Office of Sponsored Programs

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Special Thanks to Mr. Barry for Data Collection and Analysis for the Report

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## Greetings from the Director

This annual report of the Office of Sponsored Programs of the University of the District of Columbia (UDC) represents a financial summary of submissions and awards of external support for Fiscal Year 2013 to the University that promotes research, innovative scholarship and discovery by UDC faculty, students and staff. We are pleased to report that the University received \$18,602,376 in external support this year. This figure represents outside funding from private, District and Federal sources that were administered through the Office of Sponsored Programs.

Because of their external funding successes, UDC faculty, students, and staff have had an impact not only in wards and communities of the District of Columbia but in countries throughout the world, all in an effort to enhance well-being on a global level and to let others know how the research UDC is conducting impacts their lives. UDC's research is far and wide and our impact and influence are growing because of the community of faculty, student and staff researchers that are involved in sponsored program activities.

The Office of Sponsored Programs again applauds the University's research faculty, students and staff as they continue to grow the research enterprise in such a diverse and exemplary fashion. The Office will continue to wholeheartedly support their efforts administratively and programmatically by providing training, technical assistance, counsel and recognition. This year's funding represents an exceptional effort on the part of our researchers in light of public and private budget cuts. It is a testament to our researchers' energy, scholarship and dedication to the University and its tri-fold mission: research, scholarship and service.

Sincerely,

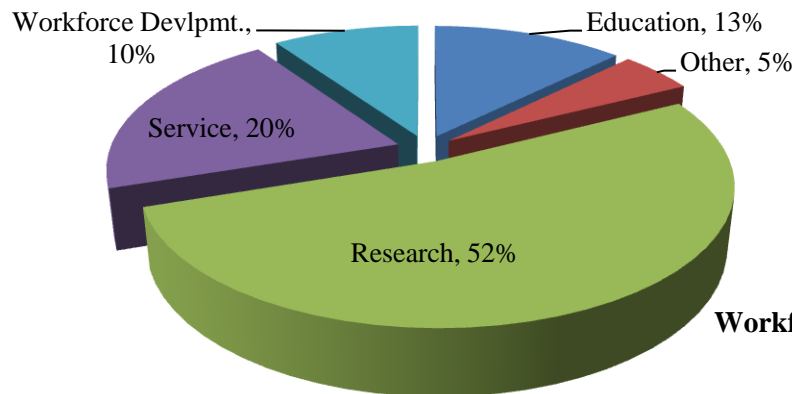


JoVita Wells, Director  
Office of Sponsored Programs

# Submissions & Awards by College/School Division

School/Division	No.	Amount Requested	School/Division	No.	Amount Awarded
CAS	25	\$ 13,449,773	CAUSES	17	\$ 5,259,221
CAUSES	19	\$ 5,912,162	UDC-CC	11	\$ 7,943,833
SEAS	15	\$ 7,780,398	SEAS	11	\$ 701,376
UDC-CC	12	\$ 8,815,479	CAS	6	\$ 1,379,269
Academic Affairs	3	\$ 973,310	Academic Affairs	3	\$ 505,310
LRD	2	\$ 99,544	Student Affairs	3	\$ 664,368
SBPA	2	\$ 2,044,140	SBPA	2	\$ 2,149,000
Student Affairs	2	\$ 995,032	Grand Total	53	\$ 18,602,376
Law School	1	\$ 600,000			
Grand Total	81	\$ 40,669,837			

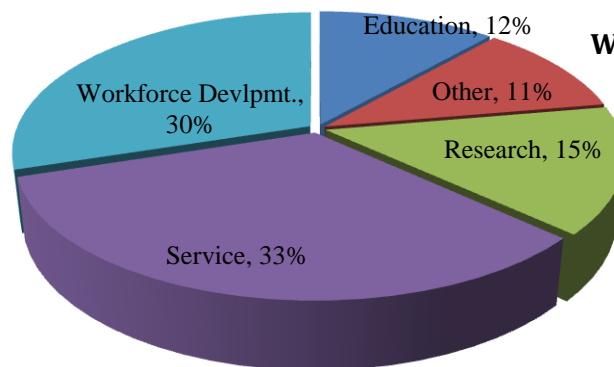
## Submission by Project Type



Research \$21,263,956 (36)  
 Service \$8,325,763 (22)  
 Education \$5,140,590 (17)  
 Workforce Dvpmnt. \$3,926,388 (5)  
 Other \$2,013,141 (1)

Percentages are based on amount requested

## Award by Project Type:



Service \$6,187,560 (21)  
 Workforce Dvpmnt. \$5,567,883 (5)  
 Research \$2,706,297 (13)  
 Education \$2,140,637 (13)  
 Other \$2,000,000 (1)

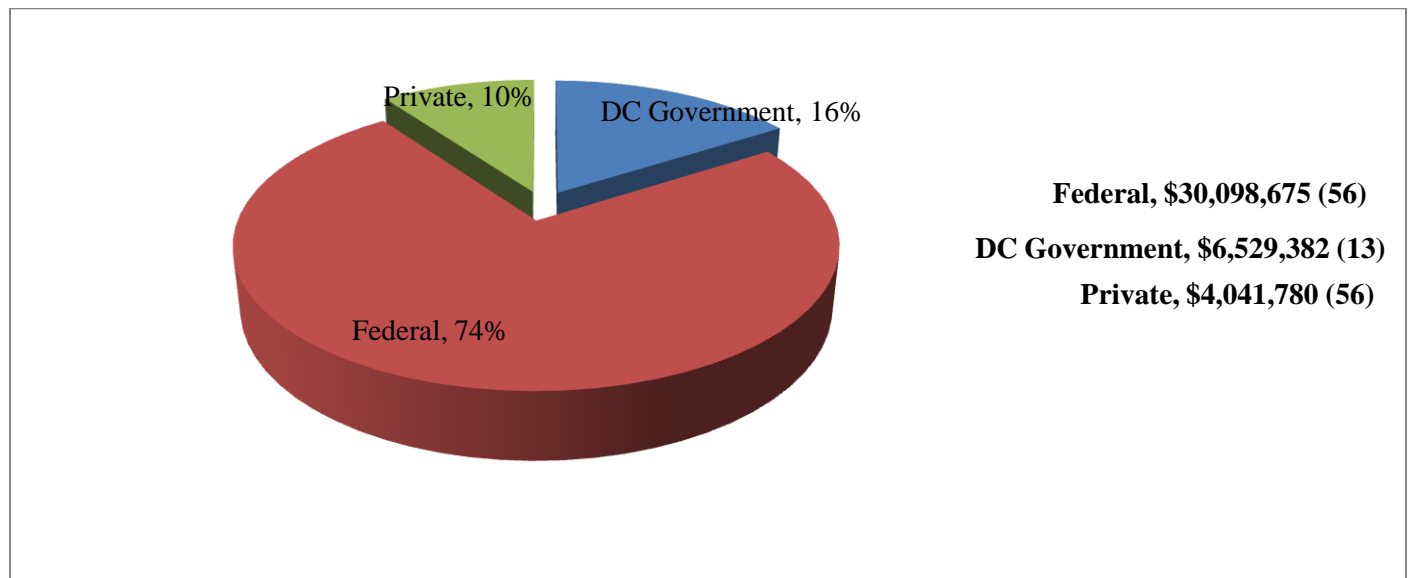
Percentages are based on amount awarded

## Submissions and Awards by Sponsoring Agency

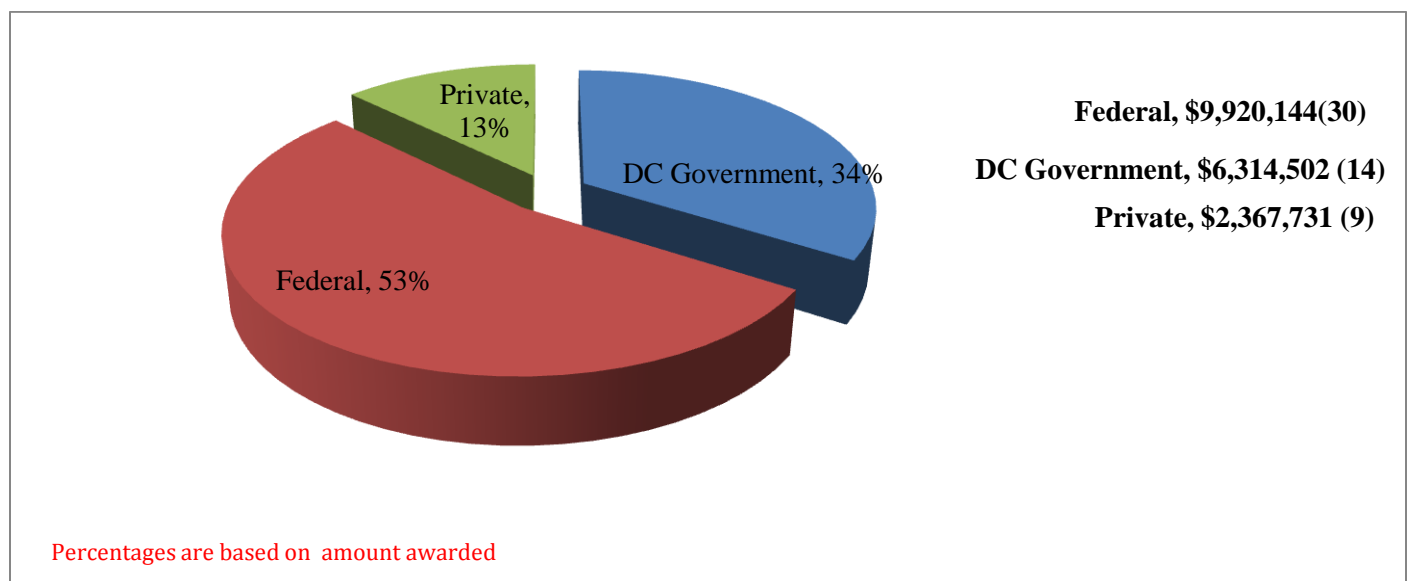
AGENCY NAME	#	TOTAL \$ REQ.
NSF	8	\$ 9,122,737
NIH	6	\$ 7,470,412
Office of the State Superintendent of Ed.	10	\$ 3,241,073
USDA	7	\$ 2,835,948
DCHHS	3	\$ 2,780,429
Cafriz Foundation	1	\$ 2,500,000
Department of Labor	1	\$ 2,500,000
Economic Development Administration	1	\$ 2,013,141
DHS	2	\$ 1,713,921
DHHS	2	\$ 995,032
DC Dpt. of Housing & Community Dev.	2	\$ 986,157
USA Funds	1	\$ 800,000
IRS	1	\$ 600,000
DOD	4	\$ 519,506
Goodwill of Greater Washington Corporation for National & Community Service	1	\$ 313,591
DC Office of Aging	1	\$ 268,118
Air Force Office of Scientific Research	1	\$ 200,000
EPA	1	\$ 180,000
Howard/NSF	2	\$ 147,586
CSX	1	\$ 131,000
DOE/Howard University	2	\$ 111,854
Gates Foundation	2	\$ 99,544
USGS	1	\$ 92,335
Jumpstart-DC	1	\$ 77,488
Dept of the Army	1	\$ 70,000
Office of Juvenile Justice/National 4H Council	1	\$ 61,500
National 4-H Council and Alteria	1	\$ 60,000
NASA/DC Space Grant Consortium	2	\$ 57,000
Live to Give Foundation	1	\$ 58,000
USACE Army Geospatial Center (AGC)	1	\$ 44,140
National Council for Science and the Environment	1	\$ 42,675
Florida DoEd	1	\$ 39,881
KSU/NIFA	1	\$ 35,000
AU/NASA/DC Space Grant Consortium	1	\$ 28,500
FEMA	1	\$ 27,775
DC NASA Space Grant	1	\$ 19,940
National Institute of Standards and Technology (NIST)	1	\$ 12,200
American Association of Colleges and Universities	1	\$ 10,000
Mathematical Association of America	1	\$ 5,900
GAP, Inc.	1	\$ 3,750
<b>Grand Total</b>	<b>81</b>	<b>\$40,669,837</b>

AGENCY NAME	#	AWARD AMOUNT
Office of the State Superintendent of Education	9	\$ 2,677,193
Department of Labor	1	\$ 2,500,000
DCHHS/IMA	3	\$ 2,449,000
USDA	4	\$ 2,085,365
Goodwill of Greater Washington	2	\$ 2,035,200
Economic Development Administration	1	\$ 2,000,000
DC Dpt. Of Housing and Community Development	2	\$ 986,157
US DHHS	2	\$ 914,452
DoEd	2	\$ 656,868
DC DOH, Bureau of Nutrition	1	\$ 480,429
DC Office of Aging	1	\$ 268,118
DC Dept. of the Environment	1	\$ 200,000
Air Force Office of Scientific Research	1	\$ 200,000
Howard/NSF	2	\$ 147,586
CSX	1	\$ 131,000
DOD/Bowie State Univ.	1	\$ 89,000
ZEISS	1	\$ 86,500
Jumpstart-DC	1	\$ 77,488
Dept of the Army	1	\$ 70,000
DOE/Howard University	1	\$ 65,000
Office of Juvenile Justice/National 4H Council	1	\$ 61,500
National 4-H Council and Alteria	1	\$ 60,000
NSF	2	\$ 59,050
Live to Give Foundation	1	\$ 58,000
USGS	1	\$ 55,525
National Council for Science and the Environment	1	\$ 42,675
Florida DoEd	1	\$ 39,881
KSU/NIFA	1	\$ 35,000
DC NASA Space Grant	2	\$ 48,440
HBCU Center for Excellence	1	\$ 7,500
Mathematical Association of America	1	\$ 5,900
National Institute of Standards and Technology (NIST)	1	\$ 5,800
GAP, Inc.	1	\$ 3,750
<b>Grand Total</b>	<b>53</b>	<b>18,602,377</b>

## Submissions by Funding Source



## Awards by Funding Source



## New Awardees: Principal Investigator (PIs) & Co-Principal Investigators (Co-PIs)

PIs and Co-PIs	Number of New Awards	Amount
Edith Westfall	1	\$ 2,500,000
Anna Velazco	3	\$ 2,485,200
Kim Ford	1	\$ 2,000,000
Jackie Xu	1	\$ 259,000
Robyn Attebury	2	\$ 201,000
Pawan Tyagi	1	\$ 200,000
John Ubong-Silas	1	\$ 136,200
Kate Klein	2	\$ 92,300
Dong H. Jeong	1	\$ 89,000
Rebecca Bankhead	1	\$ 60,000
Pradeep Behera	2	\$ 59,050
Colin Touhey	1	\$ 35,000
Briana Wellman	1	\$ 28,500
Sislana Ledbetter	1	\$ 7,500
Valbona Bejleri	1	\$ 5,900
Raysa Leer	1	\$ 3,750
<b>Grand Total</b>	<b>21</b>	<b>\$ 8,162,400</b>



## Appendix A: Fiscal Year 2013 Award Table

Submitted in FY 2012 and Awarded in FY 2013								
PROJECT TITLE	PROJECT TYPE	NEW/RENEWAL/CNTNG	PRINCIPAL INVESTIGATOR & CO-PIs	STATUS DATE	AWARD AMOUNT	PROPOSED START DATE	PROPOSED END DATE	AGENCY NAME
Promoting HBCU Mental Health Awareness through Workforce Development and Student Leadership Opportunities	Service	New	Sislena Ledbetter	10/1/2012	\$ 7,500.0	1/1/2013	7/1/2013	HBCU Center for Excellence
New Heights II Project	Service	Renewal	Antonia Nowell	10/2/2012	\$ 149,000.0	9/1/2012	8/31/2013	DCHHS/IMA
Toxic Substance Abuse	Research	Renewal	William Hare	3/5/2013	\$ 200,000.0	7/11/2012	9/30/2014	DC Dept. of the Environment
Consulting Agreement UDC and ZEISS	Service	New	Kate Klein	10/15/2012	\$ 86,500.0	9/2/2013	8/15/2013	ZEISS
Designing a Robust Closed Loop Intrusion Detection Predictive Model Using Signal Processing Techniques in Cloud Computing Environment	Research	New	Dong H. Jeong	2/27/2013	\$ 89,000.0	2/1/2013	1/31/2016	DOD/Bowie State Univ.
Integrating Virtual 3D Lab Modules for Flood Modeling Studies in Civil Engineering Curriculum: UDC/Purdue University Sub-agreement	Research	New	Pradeep Behera	7/21/2013	\$ 10,000.0	1/1/2013	12/31/2014	NSF
Submitted in FY 2013								
PROJECT TITLE	PROJECT TYPE	NEW/RENEWAL/CNTNG	PI & CO-PIs	STATUS DATE	TOTAL AWARD AMOUNT	PROPOSED START DATE	PROPOSED END DATE	AGENCY NAME
Scholarship for Disadvantage Students: RN-BSN Nursing Program	Education	Continuing	Elgloria Harrison	6/26/2013	\$ 492,397.0	9/30/2012	6/30/2016	US DHHS
Scholarship for Disadvantage Students: Associate Degree Nursing Program	Education	Continuing	Elgloria Harrison and Susie Cato	6/25/2013	\$ 422,055.0	9/15/2012	6/30/2016	US DHHS
UDC Upward Bound Program	Education	Continuing	Saundra Carter	5/8/2013	\$ 263,299.0	9/1/2012	8/31/2016	DoEd
UDC Talent Search	Education	Continuing	Saundra Carter	6/6/2013	\$ 393,569.0	9/1/2012	8/31/2016	DoEd

PROJECT TITLE	PROJECT TYPE	NEW/RENEWAL/CNTNG	PI & CO-PI.s	STATUS DATE	TOTAL AWARD AMOUNT	PROPOSED START DATE	PROPOSED END DATE	AGENCY NAME
Sputtering Machine and Atomic Force Microscope enabled Molecular Spintronics and Nanomachining Research at University of the District of Columbia	Research	New	Pawan Tyagi	3/27/2013	\$ 200,000.0	2/1/2013	2/1/2014	Air Force Office of Scientific Research
Health Rocks	Service	New	Rebecca Bankhead	11/14/2012	\$ 60,000.0	1/1/2013	8/31/2014	National 4-H Council and Alteria
Summer Undergraduate Research Fellowship (SURF) NIST Gaithersburg Programs	Research	New	Kate Klein	3/25/2013	\$ 5,800.0	5/23/2013	8/9/2013	National Institute of Standards and Technology (NIST)
UDC-CC Backus Renovation Project	Other	New	Kim Ford	9/11/2013	\$ 2,000,000.0	7/1/2013	12/23/2013	Economic Development Administration
Attracting Women to Explore Statistics (AWES) at UDC	Education	New	Valbona Bejleri	4/11/2012	\$ 5,900.0	3/12/2012	10/26/2012	Mathematical Association of America
UDC SLED	Service	New	Jackie Xu	7/9/2013	\$ 259,000.0	6/25/2013	9/30/2013	Office of the State Superintendent of Education
Transportation Academy	Workforce Development	New	Edith Westfall	10/1/2012	\$ 2,500,000.0	10/1/2012	9/30/2016	Department of Labor
College Access Accuplacer	Education	New	Robyn Attebury	2/1/2013	\$70,000.0	2/1/2013	8/13/2013	Office of the State Superintendent of Education
College Access Tutoring	Education	New	Colin Touhey	10/1/2012	\$ 35,000.0	10/1/2012	9/30/2013	Office of the State Superintendent of Education

PROJECT TITLE	PROJECT TYPE	NEW/RENEWAL/CNTNG	PI & CO-PI.s	STATUS DATE	TOTAL AWARD AMOUNT	PROPOSED START DATE	PROPOSED END DATE	AGENCY NAME
Hospitality Adult Job Training Program	Workforce Development	New	Anna Velazco	1/2/2013	\$ 450,000.0	1/12/2013	9/30/2013	Office of the State Superintendent of Education
Goodwill Marriott Award	Workforce Development	New	Anna Velazco	6/3/2013	\$ 2,000,000.0	6/3/2013	12/15/2014	Goodwill of Greater Washington
Goodwill United Way Award	Workforce Development	New	Anna Velazco	9/4/2013	\$ 35,200.0	9/4/2013	5/1/2014	Goodwill of Greater Washington
OSSE Men of Color Initiative	Education	New	John Ubong-Silas	6/3/2013	\$ 136,200.0	6/3/2013	9/30/2013	Office of the State Superintendent of Education
Dual Enrollment Scholarship	Education	New	Robyn Attebury	6/4/2013	\$ 131,000.0	6/4/2013	9/30/2014	CSX
Skills for America's Future	Education	New	Raysa Leer	2/4/2013	\$ 3,750.0	2/4/2013	9/30/2013	GAP, Inc.
Collaborative Research: Evolving Vulnerability of Critical Urban Infrastructure to Multiple Flood Threats	Research	New	Pradeep Behera	6/21/2013	\$ 49,050.0	8/1/2013	7/30/2015	NSF
LSAMP Modification # 4	Education	Renewal	LaVonne Manning	12/11/2012	\$ 73,793.0	9/1/2012	8/31/2013	Howard/NSF
Light Weight Protocol for Cognitive Networking	Research	Renewal	Sherali Zeadally	12/21/2012	\$ 19,940.0	8/26/2010	8/25/2013	DC NASA Space Grant
LSAMP Modification # 5	Education	Renewal	LaVonne Manning	1/15/2013	\$ 73,793.0	9/1/2013	8/31/2014	Howard/NSF
UDC NYSP	Service	Renewal	Lucille W. Hester	6/27/2013	\$ 188,310.0	7/1/2013	8/16/2013	Office of the State Superintendent of Education
PARCC- UDC Higher Education Engagement Work Plan	Education	Renewal	Thomas Bullock	7/24/2013	\$ 39,880.5	1/31/2012	9/30/2014	Florida DoEd
Single Family Residential Rehabilitation Assistance Program (SFRRAP)	Service	Renewal	Clarence Pearson	10/2/2012	\$ 412,941.0	10/1/2012	9/30/2013	DC Dpt. Of Housing and Community Development

PROJECT TITLE	PROJECT TYPE	NEW/RENEWAL/CNTNG	PI & CO-PI.s	STATUS DATE	TOTAL AWARD AMOUNT	PROPOSED START DATE	PROPOSED END DATE	AGENCY NAME
Property Acquisition and Disposition Division (PADD)	Service	Renewal	Clarence Pearson	10/4/2012	\$ 573,216.0	10/1/2012	9/30/2013	DC Dpt. Of Housing and Community Development
PATHS Training Assessment	Service	Renewal	Yolandra A. Plummer	11/15/2012	\$ 2,000,000.0	10/1/2012	9/30/2013	DCHHS/IMA
UDC/IMA Training Through the Arts	Service	Renewal	Lennie Smith and Cheryl Hawkins	12/3/2012	\$ 300,000.0	10/1/2012	9/30/2013	DCHHS/IMA
MOU between UDC/ECLI and OSSE	Service	Renewal	Maurice Sykes	12/19/2012	\$ 780,000.0	10/1/2012	9/30/2013	Office of the State Superintendent of Education
Adult and Family Education Grant	Service	Renewal	Lena Walton	12/21/2012	\$ 176,000.0	12/1/2012	9/30/2013	Office of the State Superintendent of Education
Operation Military Kids	Service	Renewal	Rebecca Bankhead	4/10/2013	\$ 35,000.0	4/1/2012	9/30/2013	KSU/NIFA
WRRRI USGS 104B Grant	Research	Renewal	William Hare	2/19/2013	\$ 55,525.0	3/1/2013	2/28/2014	USGS
Consortium for Advanced Manufacturing: Applied Research and Workforce Development for High Power Density Electronic Devices Technology	Research	Renewal	Pawan Tyagi	3/19/2013	\$ 65,000.0	9/1/2012	8/31/2013	DOE/Howard University
4-H Mentoring Program Year 3	Service	Renewal	Rebecca Bankhead	3/5/2013	\$ 61,500.0	12/1/2012	1/31/2014	Office of Juvenile Justice/National 4H Council
Initiative in Civic Engagement and Equity Internship Program	Service	Renewal	JoVita Wells	4/14/2013	\$ 58,000.0	4/1/2013	12/31/2013	Live to Give Foundation
The Hatch Act of 1887 (Regular Research Funds)	Research	Renewal	William Hare	8/2/2013	\$ 681,260.0	10/1/2012	9/30/2013	USDA
The Hatch Act of 1887 (Multistate Research Funds)	Research	Renewal	William Hare	7/30/2013	\$ 129,062.0	10/1/2012	9/30/2013	USDA

PROJECT TITLE	PROJECT TYPE	NEW/RENEWAL/CNTNG	PI & CO-PI.s	STATUS DATE	TOTAL AWARD AMOUNT	PROPOSED START DATE	PROPOSED END DATE	AGENCY NAME
District of Columbia Public Post Secondary Education Reorganization Act Program	Research	Renewal	William Hare	8/21/2013	\$ 1,173,160.0	10/1/2012	9/30/2013	USDA
Expanded Food and Nutrition Education Program	Service	Renewal	Sabine O'Hara	7/25/2013	\$ 101,883.0	10/1/2011	9/30/2016	USDA
DC Environ Mentors	Service	Renewal	Rebecca Bankhead	8/15/2013	\$ 42,675.0	7/1/2013	6/30/2014	National Council for Science and the Environment
Jumpstart for Young Children Inc	Service	Renewal	Rachel Petty	8/8/2013	\$ 77,488.0	9/1/2013	8/31/2014	Jumpstart -DC
Supplemental Nutrition Assistance Program-Education (SNAP-ED)	Service	Renewal	Lillie Monroe-Lord	9/9/2013	\$ 480,429.0	10/1/2013	9/30/2014	DC DOH, Bureau of Nutrition
Operation Military Kids	Service	Renewal	Rebecca Bankhead	9/17/2013	\$ 70,000.0	10/1/2013	9/30/2014	Dept of the Army
Career and Technical Education	Workforce Development	Renewal	Sallie Lampron	8/27/2013	\$ 582,683.0	10/1/2013	9/30/2014	Office of the State Superintendent of Education
Respite Aid/Bodywise & In-Home Helpers/Food Handlers	Service	Renewal	Laurie B. Thompson	9/30/2013	\$ 268,118.0	10/1/2013	9/30/2014	DC Office of Aging
Adaptive Cooperation and Communication Paradigms in Multi robot	Research	New	Briana Wellman		\$ 28,500.0	5/16/2013	8/25/2013	AU/NASA/DC Space Grant Consortium

**Minorities, women, veterans and persons with disabilities are encouraged to apply. For a full version of the University's Equal Employment Policy Statement, please visit:**  
<http://www.udc.edu/equal/opportunity>.