College of Agriculture, Urban Sustainability and Environmental Sciences (CAUSES)

IMPACT and REACH

Our programs are delivered through five centers:

1. Center for Urban Agriculture
2. Center for Sustainable Development which includes the Water Resources Research Institute
3. Center for Nutrition, Diet and Health which includes the Institute of Gerontology
4. Center for 4-H and Youth Development
5. Architectural Research Institute

The Centers offer diverse services such as nutrition education in schools, food safety certification, green business development workshops, assistance with farmers markets and community gardens, and assessment services that determine soil and water quality, lead contamination and other environmental hazards.

FY 2014 CAUSES ACTIVITES ALL DC WARDS

<table>
<thead>
<tr>
<th>Program Contacts</th>
<th>181,547</th>
</tr>
</thead>
<tbody>
<tr>
<td>Workshops, Demonstrations and Events</td>
<td>860</td>
</tr>
<tr>
<td>Participants</td>
<td>35,183</td>
</tr>
<tr>
<td>DC Schools Served</td>
<td>65</td>
</tr>
<tr>
<td>Faith Communities/Community Centers</td>
<td>28</td>
</tr>
<tr>
<td>Community Volunteers</td>
<td>3,376</td>
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<tr>
<td>Certificates Issued</td>
<td>1,207</td>
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<tr>
<td><strong>External Funds to CAUSES Landgrant Centers</strong></td>
<td><strong>$4,081,232</strong></td>
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</tbody>
</table>

Landgrant Center programs also benefit students enrolled in the following academic programs of CAUSES: Urban Architecture and Community Development, Health Education, Nursing, Nutrition and Dietetics, and Water Resource Management. Students gain marketable skills by earning internships and summer employment in the five Landgrant Centers. They enhance their learning experience through active, hands-on training, through interdisciplinary student and faculty research, through interactions with residents and community organizations, and through leadership and co-teaching opportunities and networking experiences.

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1 Reporting Date: May 15, 2015.
2 This figure does not include $2 million in landgrant appropriations through USDA – NIFA.
Center for Urban Agriculture (CUA)

Center Director: Mchezaji Axum
mchezaji.axum@udc.edu

Specific offerings include:
- Sustainable Urban Agriculture Research
- Sustainable Urban Agriculture Training
- Aquaponics/Hydroponics Training
- Extension Services for Community Gardens
- Master Gardener Program
- Specialty and Ethnic Crops Research & Education
- Urban Forestry Education
- Invasive Plant Species Abatement

Participants served in 2014
Direct Contacts: 75,828
Enrollments: 1,717
External Funds: $421,681

The Center for Urban Agriculture (CUA) incorporates programs that are focused on research and community education in urban food production, gardening and urban forestry. The work of the Center is closely aligned with related District agencies including the District Department of the Environment, Department of Public Works and the Department of Parks and Recreation.

Margaret Forbin, Alumnus, Ethnic Crops Program – “The ethnic crop program will help cater to the nutritional needs of the vast majority of immigrants like myself who have established permanent residency in the United States. They can finally experience the flavor and taste of Africa without leaving the Washington D.C. metro area!”

Mary Beth Ray, ANC 3F03 and chair, Van Ness Vision Committee, Farm Tour- “The UDC farm is a busy and exciting place. It’s great to see our University playing a leading role in exploring sustainable solutions in urban farming. I especially loved the hot house combining the fish tanks with the irrigation system to water plants. I hope we as an ANC and as the Van Ness Vision Committee can take a more active role in publicizing the good work being done.”
Center for Sustainable Development (CSD)
Center Director: Dr. Dwane Jones; dwane.jones@udc.edu

Specific programs include:
- Green Infrastructure
- Urban Economics and Social Entrepreneurship
- Environmental Studies and Policy
- Urban Sustainability
- Human Behavior and Public Health

Farmers Market Participants: 15,165
Participants served in 2014
Direct Contacts: 15,233
Enrollments: 535
External Funds: $920,500

Water Resources Research Institute (WRRI) Institute Director: Dr. Tolessa Dekssisa; tdeksisa@udc.edu

Specific programs include:
- Funding and managing water research projects that help DC improve the quality of its waterways
- Soil and water quality testing laboratory services
- Annual regional water symposium to connect water professionals, regulators and DC residents
- Training future water and environmental scientists through summer bridge, undergraduate and graduate courses

External Funds: $92,335

"On behalf of all of us at IBP we want to take the time to thank you for all the efforts you have made this year to increase the number of underrepresented minority students successfully pursuing careers in science, technology, engineering and mathematics. We deeply appreciate your work and the assistance you have given us at IBP this year with our related work." Ashanti Johnson, Executive Director, Institute for Broadening Participation
Center for Nutrition, Diet, and Health (CNDH)
Center Director: Dr. Lillie Monroe-Lord; imonroelord@udc.edu

Specific programs offered through CNDH include:
- DC Professional Food Managers/ Food Handler Certification Program
- Nutrition Education
- Veggie Prescription Program
- Expanded Food and Nutrition Education Program (EFNEP)
- Farmers Market Nutrition Education Program
- Food Demonstrations and Cooking Classes
- Food Safety Education
- Kids Cooking Classes
- Grocery Store Tours
- Supplemental Nutrition Assistance Program-Education (SNAP-Ed)

Participants served in 2014
Direct Contacts: 77,018
Enrollments: 19,440
External Funds: $593,434

Institute of Gerontology (IOG) Institute Director:
Claudia John, M.S.; claudia.john@udc.edu

Specific programs include:
- Senior Companion
- Respite Aide
- Bodywise Health and Fitness Program
- Senior Tuition Program

Participants served in 2014
Direct Contacts: 6,315
Enrollment: 5,152
External Funds: $375,997

The Center for Nutrition, Diet and Health incorporates programs that improve the wellbeing of DC residents by focusing on preventive health through nutrition, age appropriate diet and exercise; and also through sound food preparation, food processing skills, and food safety.

The Institute of Gerontology is a separate entity within CNDH that focuses specifically on the health and wellness of older populations in the District of Columbia. Funded by the DC Office of Aging and the Corporation for National and Community Service, IOG provides support for District residents ages 60 and older.

3 The Expanded Food and Nutrition Education Program (EFNEP) was not included in the Office of Sponsored Programs (OSP)’s FY 2014 report because the award later was received shortly after the end of FY 2014 but the grant activities were still performed in FY 2014.
Center for 4-H and Youth Development (4-H)

Center Director:
Rebecca Bankhead
rbankhead@udc.edu

Specific programs offered include:

- 4-H Clubs
- 4-H Living Interactive Family Education (4-H LIFE)
- 4-H International Networks
- 4-H Summer Camp
- 4-H STEM
- 4-H Health Rocks
- Life Smarts Consumer Education for Teenagers
- Operation Military Kids

Participants served in 2014

Direct Contacts: 8,294
Enrollment: 7,153

External Funds: $72,322

Juanita Hughes, LifeSmarts Participant: “Joining the 4-H/Lifesmarts program this year has been the most amazing and insightful experience of my senior year. It has impacted me in a lot of ways where I have been able to gain a good understanding of what it means to be a smart consumer. When I joined the program for the first time I was completely captivated by the topics that I was introduced to such as consumer rights, environment, health and safety, and personal finance.”

4-H Life DC grant was not included in the Office of Sponsored Programs (OSP)’s FY 2014 report because the award later was received shortly after the end of FY 2014 but the grant activities were still performed in FY 2014.
Architectural Research Institute (ARI)

Institute Director: Professor Clarence Pearson
cpearson@udc.edu

Specific initiatives include:
- Building Rehabilitation
- Green Building Codes
- Urban Planning
- Building Health
- Lead Abatement
- Mold Removal
- Construction Project Management

External Funds: $892,321

OTHER ARI ACTIVITIES

ARI activities in 2014 included a total of 82 design and construction projects.

20 of these projects have been completed and 62 are in progress.

Also in 2014, the ARI began to offer EPA certified training programs for District residents interested in becoming certified lead abatement workers.

Yoftahe Woldemariam, ARI Intern. “The best part of the experience was teamwork and learning how to balance the needs of the client with the practical design aspects.”

Sarah Mousavizadeh, ARI Intern. “I learned the process that you do in real work – site observation, construction documents, field reports, and cost estimates.”
Partner Organizations by Ward

Community Center & Housing Developments

King Towers Apartments (2)
New Community for Children (2)
Hearst Recreation Center (3)
Armed Forces Retirement Home (4)
Edgewood Community Garden (5)
Brookland Manor Recreation Center (5)
Community of Hope’s Family Health and Birth Center (5)
Arthur Capper Community Center (6)
Benning Courts (6)
Hopkins Apartments (6)
Housing Opportunities Unlimited (6)
The Pentacle (6)
Benning Park Recreation Center (7)
Homes for Hope (7)
Washington Parks & People’s Riverside Healthy Living Center (7)
F. Harvey Faunteroy Community Enrichment Center (7)
Washington Seniors Wellness Center (7)
Barry Farm Community (8)
Congress Park Apartments (8)
Frederick Douglass Community Center (8)
Park Naylor Apartments (8)
THEARC (8)

Child Development Centers

Edward C. Mazique Parent Child Center, Reeves Center (1)
Edward C. Mazique Parent Child Center, Wardman Court (1)
Growing Seeds Learning Community (1)
Shiloh Child Development Center (2)
Edward C. Mazique Parent Child Center, Main Site (2)
Bennett Babies Child Development Center (5)
Bright Beginnings (5)
Edward C. Mazique Parent Child Center, Tyler House (6)
Esther’s Child & Development Center (6)
Little Samaritan Child Development Center (7)
The Supreme Child Learning Center (7)
Matthews Memorial Baptist Church Child Development Center (8)
Sunshine Early Learning Center (8)
Young’s Memorial Child Development Center (8)

Faith Based Organizations

Adas Israel Congregation (3)
Mt. Airy Baptist Church (6)
Hughes Memorial United Methodist Church (7)
First Baptist Church (8)
St. Teresa of Avila Church (8)
Temple of Praise Baptist Church (8)

Health Care Centers

Unity Health Care Center - Upper Cardozo (4)
Unity Health Care Center – Walker Jones (6)
Unity Health Care Center - Minnesota Avenue (7)
Unity Health Care Center - Parkside (7)
Unity Health Care Center - Anacostia (8)

Homelessness/Transition Homes

Transition Housing Corporation: Faircliff Plaza East (1)
Transition Housing Corporation (2)
Transition Housing Corporation: Fort View Apartments (4)
Transition Housing Corporation: Webster Gardens (4)
DC General Homeless Shelter (8)
Temple of Praise Transition Home for Homeless Women and Children (8)

Schools

Bancroft Elementary School (1)
Barbara Chambers Children’s Center (1)
Bruce-Monroe Elementary School (1)
Cleveland Elementary School (1)
Columbia Heights Educational Campus (1)
Columbia Heights Educational Center (1)
George Washington University (1)
H.D. Cooke Elementary School (1)
Riverside Farmers Market (7)
Smithsonian Anacostia Community Museum (7)
Aya Farmers Market (8)
Joint Base Anacostia-Bolling (8)
YMCA - Capital View (8)
So Others Might Eat - Fendall Heights (8)
Specialty Hospital of Washington-Hadley (8)
United Planning Organization (8)
Bellevue (William O. Lockridge) Library (8)
New Heights Program Anacostia (8)