UNIVERSITY OF THE DISTRICT OF COLUMBIA
RESEARCH AND GRADUATE STUDIES

Graduate Studies and Research

December 16, 2011

To: Allen Sessoms, Ph.D., President
Graeme Baxter, J.D., Interim Provost
Ken Bain, Ph.D., Incoming Provost

From: Beverly Hartline, Ph.D.

Re: Seed Grant Results

Please join me in congratulating the winners of the University of the District of Columbia's fall 2011 mini-grant and strategic initiative competition.

This program, funded through indirect cost returns, assists faculty in obtaining preliminary results so that they become more competitive for external funding. The program also helps to jump start efforts in the strategic investment areas which advance our urban land-grant mission. In addition, these investments help build and strengthen the research capacity of the University. Altogether, we received thirteen proposals and eight quite diverse projects have been recommended for funding.

Strategic Initiatives:

- Pawan Tyagi, Ph.D. from the School of Engineering and Applied Sciences and Hailemichael Seyoum, Ph.D. from the College of Arts and Sciences were awarded funding for their Project, "Dye Sensitized Solar Cell Working as a Rechargeable Lithium Ion Battery." This project will be co-funded by the Strategic Opportunity Fund and Agricultural Experiment Station in CAUSES.

Mini Grants:

- B. Michelle Harris, Ph.D., "Enhancing Food Consumption in the School Breakfast Program in an Urban Pre-Kindergarten Class: A Pilot Study." (CAUSES)

- Taharee Jackson, Ph.D., "Ready on Day 1: Documenting the Best Practices of Highly Effective DCPS Teachers." (CAS)

- Dong Jeong, Ph.D., "Managing and Representing Uncertainty Sensor Data using Cloud." (SEAS)

- Karen Redden, Ph.D., "Biogeography, phylogenetics and taxonomic revision of the neotropical genus Macrolobium (Leguminosae, Caesalpinioideae)." (CAS)

- Cicely Sharpe, Ph.D. and Michelle Chatman, “Talley's Corner Revisited: A Study of Neighborhood Change in Washington, DC.” (CAS)

- Julie Sweetland, Ph.D., “Building Capacity for Research and Data-Based Decisions in Teacher Education.” (CAS)

- Nian Zhang, Ph.D., “Urban Stormwater Runoff Quantity and Quality Prediction Using Computational Intelligence Methods.” (SEAS)

Work on these projects will be starting in January, and the faculty will be reporting on their progress and results at our faculty research seminar next academic year.

Cc: R. Bebee, S. Broderick, A. Massey, C. Mahone, G. Wyche-Moore, A. Etter, A. Occhetti, V. Epps, S. Graubart