Heru Ofori-Atta is working with the UVI Caribbean Green Technology Center as Special Assistant to The Director focusing on green policy, programming and planning. Heru holds a Bachelor’s of Science Degree from Tufts University and a Juris Doctor Degree from Northeastern University School of Law. Heru is a social entrepreneur being the first of a group of recipients awarded venture capital financing from The Caribbean Business Enterprise Trust for his company Movementunes.com.

In the field of renewable energy, Heru is certified in Solar Installation and Design from The US Solar Institute where he graduated as the class valedictorian. Heru has also been a Strategic Consultant for green investment funds and private green industry businesses. In addition, Heru is the Executive Producer and Host for the TV Show Lightworkers where renewable energy leaders from government, academia and private business are interviewed about their thoughts and visions for a greener earth.

Our Vision and Mission

Our vision is that the Caribbean Green Technology Center would serve as a vibrant intellectual hub for learning, networking and innovation in and across the Caribbean, in all areas pertaining to green technology.

Our mission is to foster research, education and public service on sustainability, to promote Caribbean inter-Islands’ cooperation, to advance interdisciplinary investigations and learning, to collaborate with governmental agencies and industry partners and to research, develop, demonstrate and monitor green technology.

Dr. Wayne Archibald, PhD.
Director CGTC, Assistant Professor
(340) 693 1158

College of Science and Mathematics
Classroom Administration Building (CAB) 206

Spotlight on Staff

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Energy Workshops

CGTC partners with The Virgin Islands Energy Office and UVI CELL to bring Energy Efficiency and Renewable Energy workshops to the Virgin Islands Community. During the months of August and September, 2011, Heru Ofori-Atta of The Caribbean Green Technology Center, served as the lead instructor for community awareness and learning of the following topics: Residential Energy, Commercial Energy, Energy Star, Solar Water Heater, Photovoltaic, Wind and Water systems. Community registrants also learned about all the rebate programs available through the VI Energy office.

Energy Development in Island Nations - EDIN
2-days of workshops - September 15-16 at UVI - St. Croix
Topics include: Renewable energy, Energy Efficiency, Transportation and Green Jobs and Workforce Development.

CGTC Director becomes NSF Leadership Development Institute Fellow

As part of his fellowship, Dr. Wayne Archibald attended Major Research Instrumentation (MRI) workshop in Atlanta, GA and the CAREER workshop in Alburquerque, New Mexico and spent 10 weeks at Harvard University in the School of Engineering and Applied Sciences (SEAS) doing research on materials for fuel cells. From this collaboration, he hopes to write a competitive research proposal in order to build a research program at UVI, where the engineering students can have a chance to perform cutting edge research.

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President David Hall was the first to agree upon the signing of the 11 core member institution consortium with Brookhaven National Lab as part of the Interdisciplinary Consortium for Research and Educational Access in Science and Engineering (INCREASE) program.

INCREASE is an organization created to promote research in Historically Black Colleges and Universities (HBCUs) and other minority-serving institutions (MSIs). INCREASE involves the utilization of national user facilities – in particular, the National Synchrotron Light Source (NSLS) at Brookhaven National Laboratory – to facilitate education and research training, especially for women and members of minority groups.

INCREASE seeks to establish a unique pool of minority role models, beginning at the undergraduate level to the professorate and the scientific/engineering professionals. With this consortium, communication, innovation, and collaboration among member institutions can be facilitated through targeted workshops and focused research initiatives. Member institutions can also take advantage of major funding aimed at institutions with strong minority population. With this funding, they can engage in educational partnership and create research groups that will attract minority students to STEM disciplines.

For example, Dr. Archibald, the director of CGTC, attended the Joint National Synchrotron Light Source (NSLS) and Center for Functional Nanomaterials (CFN) Users’ Meeting on May 23rd-26th, at Brookhaven National Lab. This workshop provides a venue for scientists from diverse disciplines who use the NSLS and CFN facilities to share their work and discuss future directions for their research.

CARILEC is The Caribbean Electric Utility Service Corporation (www.carilec.com), an association of Electric Utilities, suppliers, manufacturers and other stakeholders operating in the electricity industry in the Caribbean. This year, CARILEC’s Renewable Energy conference is in St. Thomas and UVI’s new Caribbean Green Technology Center took a proactive approach in forming a partnership with CARILEC for this conference. UVI’s CGTC is officially recognized as a "Presenting Partner." We have assisted in conference planning, logistics and thematic concepts. We have also assisted in securing speakers and the use of UVI facilities on the 19th for the kick-off ceremony at 6:30pm on 9/19 and for a community town hall on renewable energy on 9/21 at 6:00 pm (both at UVI’s Admin Building Room 142). All the conference working sessions will be at the Wyndham Sugar Bay on 9/20 and 9/21.

This forum is ultimately a call to action for electric utilities, financiers, researchers, energy leaders, officials, planners and energy experts from government and private sectors, international organizations and academia to come together to develop one common strategy, one common purpose, one common action plan as we move towards regional energy security and sustainability.

CARILEC/UVI Renewable Energy Conference, September 19-21, 2011

Science Teacher Workshops with Brookhaven National Laboratories

Caribbean Green Technology Center collaborates with Brookhaven Lab to Hold GREEN Institute’s Open Space Stewardship Program for High School Teachers on September 27 – 29th, 2011, 9am-4pm at The University of the Virgin Islands, St. Thomas, Administration and Conference Center (ACC 142). Congresswoman Donna Christensen who will give opening remarks at the opening ceremony on September 27th, 2011 at 9am. Approximately 12 teachers from the Virgin Islands will attend a workshop with UVI’s Caribbean Green Technology Center involving Green Institute Open Space Stewardship program with U.S. Department of Energy’s Brookhaven National Laboratory. The program is designed to help teachers and students learn about the scientific process through working with real-life data in the field, to promote scientific literacy, to encourage students to consider careers in science and technology, and to foster a sense of civic responsibility and respect for open space property.