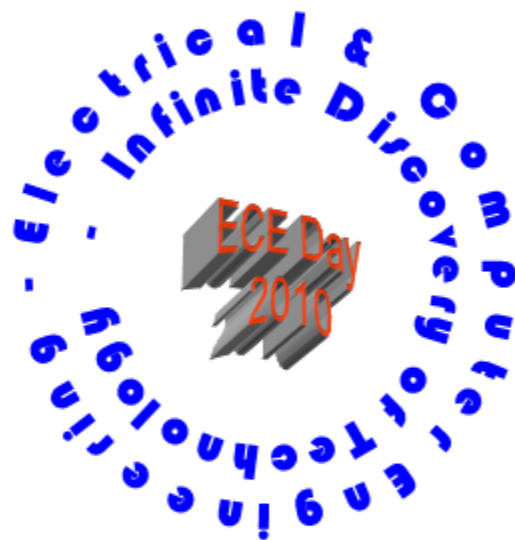


20TH ANNUAL  
ELECTRICAL AND  
COMPUTER ENGINEERING  
DAY



**April 14, 2010**



1867

**HOWARD**  
UNIVERSITY

Armour J. Blackburn Center  
2400 6<sup>th</sup> St., NW  
Washington, D.C. 20059

# Schedule of Activities

8:30-9:00 am **Registration and Continental A La Carte Breakfast**

9:00-9:10 am **Welcome & Overview - Auditorium**

Dr. Mohamed F. Chouikha

Chairman Department of Electrical & Computer Engineering

9:10-11:00 am **Project Presentations**

**Part A: “WMX: WiMAX Intel Design Challenge”**

**Sponsor:** Intel

**External Advisor:** Mr. Chris Hansen

**Internal Advisor:** Dr. John Trimble and Dr. Charles Kim

**Team Members:** Cesar Gomes  
Brandon Montgomery  
Jonathan Charley

**“DRP: Demand Response Program”**

**Sponsor:** Tacoma Power

**External Advisor:** Ms. Amy Grice and Mr. Francis Sammy

**Internal Advisor:** Dr. Charles Kim

**Team Members:** Mark Inniss  
Lloyd Eley  
Itotoh Akhigbe

**“LDW: Lane Departure Warning System”**

**Sponsor:** Chrysler

**External Advisor:** Mr. Tomi Igun

**Internal Advisor:** Dr. Charles Kim

**Team Members:** Lucky Adike  
Funmilayo Oludaiye  
Marlon McKinnie  
Titilope Ogunlaja

**“MGR: Micro Grid”**

**Sponsor:** San Diego Gas and Electric

**External Advisor:** Dr. Tom Bialek

**Internal Advisor:** Dr. Charles Kim

**Team Members:** D'Angelo Woods  
Mulugeta Damamo  
Christina Cheek

**“SAT: Lunar Orbiter Attitude Determination”**

**Sponsor:** Honeywell

**External Advisor:** Dr. John Rowe and Mr. Thomas Hickey

**Internal Advisor:** Dr. Charles Kim

**Team Members:** Oluwayemi Sonoiki  
Tolulope Kupoluyi  
Danah Warren

**Part B: Intro to Electrical and Computer Engineering Class Project**  
(Advisor: Dr. Peter Bofah)

**“Hovercraft Design”**

**Team Members:** William Reid  
Antonio McMichael  
Kenneth Booker  
Najee Jeremiah

**“Solar-Powered RC Vehicle”**

**Team Members:** Adegboyega Akinsiku  
Tamir Hendricks  
Frederick Moore  
Michael St. Bernard

11:00-11:10 am: **Break** - (Students: Please submit your completed exit survey to the registration table)

11:10 am – 12:00 noon: **Demonstration & Poster Session** – *Rooms 148 & 150*

12:00-1:10 pm: **Lunch**-*Hilltop Lounge*

**Introduction of the Dean:**

**Remarks & Introduction of the Keynote Speaker:**

**Keynote Speaker:** Mr Thomas Hickey,  
“Leadership in the 21<sup>st</sup> Century”

Dr. Charles Kim

Bradford Grant

Honeywell

1:10-2:00 pm: **Awards and Photo Session**

2:00 pm: **Adjourn**

**Special Thanks**

Mr. Clarence Bell Federal Energy Regulatory Commission

Mr. Thomas Hickey Honeywell

Dr. John Rowe Honeywell

Ms. Deborah Jackson U.S. Nuclear Regulatory Commission

**Dunbar Pre-Engineering High School**

Tanya Deskins Principal

Mr. Steve Wachira Math/Technology Coordinator

Ms. Iris Pollium Teacher

Michael Benson Student

Ms. Kerrie Blackwell Student

Mr. Chris Smith Student