

# “Opportunities at Texas Instruments: Emerging Trends, Nontraditional Careers, and Internships”

Darnell Moore, Ph.D. EE, Georgia Tech  
TI DSP Solutions R&D Center, Video & Image Processing

Eric Williams, MSEE, Georgia Tech  
Director of Business Operations, TI Semiconductor Group

Rod Wetterskog, MS Physics, U. of Oklahoma  
Manager, University Relations Program

Wednesday, 11 October 2006  
2:00 - 3:00 p.m.  
Bunger-Henry, Room 196

The speakers will discuss topics critical to your career, including:

- What strengths are most sought after in the job market?
- Pros and cons of graduate degrees.
- Emerging trends in the job market.
- Nontraditional careers at Texas Instruments:
  - what are the benefits of getting dual degrees (in liberal arts/math/physics/biology and in engineering)?
  - success stories.
- Internships at Texas Instruments:
  - benefits of the internship experience
  - how and when to apply
  - examples of summer intern projects.
- Related topics of interest to you.

*Refreshments will be served! Please RSVP to [linda.wills@ece.gatech.edu](mailto:linda.wills@ece.gatech.edu) or [jill.auerbach@ece.gatech.edu](mailto:jill.auerbach@ece.gatech.edu).*

This is a special joint event of the *Partners in Transitioning to Tech* (PITT) and *Opportunities Scholars Program* (OSP). Open to the public.

The speakers are visiting Georgia Tech to participate in events surrounding the James R. Carreker Distinguished Lecture, featuring Mr. Rich Templeton, President and CEO of Texas Instruments, to be held Oct. 11, 3:30p.m., Van Leer Auditorium (Room W200).

## **Speaker biographies:**

### **Darnell J. Moore, Ph.D., Georgia Tech Member IEEE, NSBE, NSF Fellow, GEM Fellow**

Dr. Darnell J. Moore is a Member of Technical Staff with Texas Instruments' Digital Signal Processing Solutions Research and Development Center. Based out of the company's headquarters in Dallas, he works as a specialist in digital video and image processing with additional expertise in computer vision. He is responsible for developing new image and video compression software for TI's line of multimedia chips. These chips power a range of mobile applications from cell phones to digital cameras for customers like Nokia, Motorola, Samsung and Kodak. Dr. Moore has also developed intelligent vision systems that can understand a variety of complex human activities for surveillance applications and human-computer interaction. He has published over 9 refereed technical articles and has filed 5 patents with the US and European Patent Offices.

He is a member of the Institute of Electrical and Electronics Engineers (IEEE) and the National Society of Black Engineers (NSBE). He has also been a Fellow of the National Science Foundation as well as a recipient of the GEM Master's and GEM PhD Fellowships. A native of Chattanooga, Dr. Moore joined TI after completing a doctorate and master's in electrical engineering at Georgia Tech and a bachelor's in EE from Northwestern University.

### **Eric Williams, M.S.E.E., Georgia Tech Director of Business Operations**

Eric Williams has spent 10 years with Texas Instruments' Semiconductor Group in various Field Sales, Sales Management, Business Development and Operations roles. He is currently serving as Director of Business Operations within WW Sales & Marketing. Prior to his current role, Eric held the dual positions of Director, Americas Inside Sales (2003-2005) and Manager of TI Semiconductor's Lead-Free Program Office (2004-present).

As Director of Business Operations, Eric leads an 88 person organization with Americas responsibility for Inside Sales, the Product Information Center (PIC), Centralized Analog & Digital Applications, as well as Customer Operations for TI's OEM business. In addition, Worldwide Business to Business (B2B) Programs reports into Eric.

Eric has a BS in Electrical Engineering from Louisiana State University and an MS in Electrical Engineering from The Georgia Institute of Technology.

### **Rod Wetterskog, Manager University Relations Program**

Rod Wetterskog is the Manager of the University Relations Programs at Texas Instruments. He has a B.S. in Physics from Penn State University, and an M.S. in Physics from the University of Oklahoma. Rod worked for Eastman Kodak in Rochester, New York for six years as an Optical Scientist, Test and Systems Engineer. The Superconducting Super Collider (SSC), a DoE high energy physics lab under development south of Dallas, drew him to Texas where he worked as an Applied Physicist until the project was terminated. Following the SSC, he served 6 years as the Director of the North Central Texas Tech Prep Consortium where he partnered high schools, colleges, universities and industry to help better prepare students entering technical careers. Since joining TI, Rod has continued developing partnerships between students and industry. Currently, he works with over 35 universities, their faculty, and TI engineers to give students pursuing BS, MS and PhD EE degrees opportunities to test their career interests while creating state-of-the art analog and DSP solutions.