GEST NEWS

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GEST is a consortium of scientists and engineers, led by the University of Maryland, Baltimore County (UMBC), to conduct scientific research in Earth and information sciences and related technologies in collaboration with the NASA Goddard Space Flight Center (GSFC). The consortium members of GEST include UMBC, Hampton University, Howard University, Caelum Research Corporation, and Northrop Grumman Corporation.

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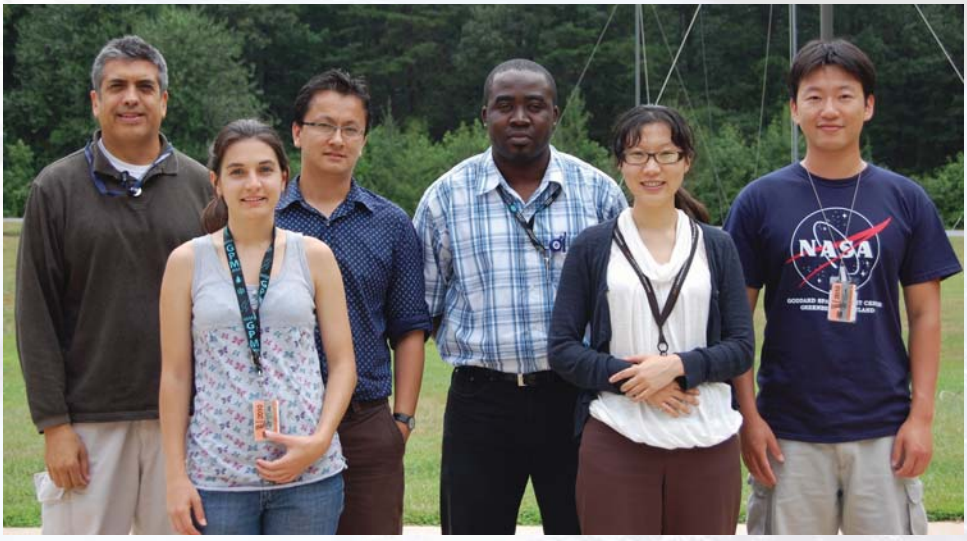
GEST's Summer 2010 Student Programs

GEST's Summer Programs kicked off on June 1, 2010 and ran through August 6th. This year, GSSP and SIES students toured the NASA Integration & Test Facilities, the Network Operations Management Center (NOMC), and NASA's Television Studio. They also experienced Science on a Sphere and attended a variety of seminars. Students attended a poster session and gained valuable experience working alongside their mentors. All students delivered their final presentations and enjoyed a Farewell Dinner. Applications are now being accepted for the 2011 Student Summer programs; please visit the GEST website to view the reports and learn more information about the Graduate Student Summer Program (GSSP) and the Summer Institute in Earth Sciences (SIES): http://gest.umbc.edu/student_opp/students.html.

Student/University	*Presentation*	*Mentor*
Biebele Abel, Morgan State University (MD)	Satellite Observation of Biomass Burning Emission	Dr. Charles Ichoku
Brittany Bruder, Georgia Institute of Technology (GA)	Analysis & Modeling of Sea-Level Variability in the Chesapeake Bay using the Regional Ocean Modeling System (ROMS)	Dr. John Moisan (*NASA Wallops*)
Sunny Choi, Georgia Institute of Technology (GA)	Observations of Tropospheric BrO over Northern High Latitudes from OMI during ARCTAS & ARCPAC	Dr. Joanna Joiner
Tao Chu, University of Massachusetts, Amherst (MA)	Rain Retrieval Algorithm Development for the HIWRAP Instrument	Dr. Lin Tian
Prajjwal Panday, Clark University (MA)	Snowmelt Runoff Modeling in the Tamor River Basin in the Eastern Nepalese Himalaya	Dr. Molly Brown
Sarah Smith, Eastern Michigan University (MI)	Satelitte-Based Estimation of Impervious/Pervious Land Cover Percentage of the Chesapeake Bay Watershed	Dr. Eric Brown de Colstoun
Robert Velarde, University of Texas, El Paso (TX)	Satellite Characterization & Modeling of Dust Transport from the Copper River Valley, Alaska	Dr. Santiago Gasso



GSFC GSSP students, photo courtesy of Valerie Buxton, Program Coordinator Assistant

GEST TURNS 10!

On Monday, June 7th, UMBC and GSFC colleagues, faculty members, and staff gathered in UMBC's Skylight Room to celebrate 10 years of a successful collaboration between UMBC and NASA Goddard. Hosted by Dr. Susan Hoban and Dr. Marci Delaney, the evening's program consisted of poster presentations, opening remarks by UMBC's **President Dr. Freeman Hrabowski**, comments from **Dr. Ray Hoff**, honors presented by **Danita Eichenlaub**, awards and recognitions, and a keynote presentation by Mr. Dave Jones of Storm Center Communications. A slide show of accolades and accomplishments looped while Hunter Schaefer and Friends provided background jazz music as attendees mingled and dined.

The evening's celebration capped off the 10th Anniversary Symposium that was held during the day at GSFC. Thanks to the Session Chairs and presenters who participated in the Symposium: **Ray Hoff, Stephen Ungar, Amelia Colarco, Charles Gatebe, Oreste Reale, Yuekui Yang, Kyu-Myong Kim, Guoyong Wen, Zhibo Zhang, Ritesh Gautam, Yaping Zhou, Jian-Jian Wang, Mircea Grecu, Xiaowen Li, Xipeng Zeng, Susan Strahan, Nick Krotkov, Qing Liang, Cynthia Randles, Mark Olsen, Belay Demoz, Yongli Wang, Christopher Shuman, Timothy Stubbs, Helen-Nicole Kostis, Dan Laughlin, Laurie Cook, Susan Hoban, Katie Collins, Xin Lin, Jianping Mao, Toshi Matsui, Chung-Lin Shie, Lin Tian,** and **Marci Delaney**. Here's to many more years together.

NEW HIRES AND ONE RETIRES

Our Staffing and Badging personnel have been kept very busy in the past few months with all of the new additions to GEST. Most recently, the following people have joined GEST: **Jonathan Barton, Donifan Barahona, Alexander Cede, Aline de Lucas, Genna Duberstein, Pawan Gupta, Dirceu Herdies (GVF), Dongchul Kim, Michael Lentz, Zaizhong Ma, Kerry Meyer, Neema Mostafavi, Andrew Sayer, Adrian Southard,** and **Cuneyt Utku. Peter Adams** was also with us for a short time as a Goddard Visiting Fellow.

We are also pleased to welcome our new Executive Administrative Assistant, **Ms. Brizjette Lewis**, who is working in the GEST office at Goddard, familiarizing herself with GSFC's badging processes. Brizjette has 20 years of experience as a legal secretary, most recently working at a firm in New York City.

Additionally, **Ms. Yonghong Luo** (pronounced "Law") joined the staff as our new Business Specialist, and will be working with Margo, Mary and Katie. Yonghong obtained her Master's in Business from the University of Baltimore, and has several years of managerial, marketing, and information technology experience with the Maryland Department of Transportation and the Maryland Department of Business and Economic Development.

Folks who have moved on to pursue new opportunities include Antti Pulkinnen, Andrea Molod, Jennifer Shoemaker, David Stroud, Chien Wang (GVF), Joseph Sexton, Sarith Mahanama, DeZheng Sun (GVF), as well as Jo Ann Maxim.

Founding Director of GEST and longtime faculty member ***Dr. Robert J. Curran*** recently retired. When he wrote the introduction to GEST's first annual report, GEST consisted of 90 researchers, had hosted 33 short-term visiting scientists, and the Goddard Visiting Fellow (GVF) and GSSP programs were just being developed. In the past year, GEST hosted 152 visiting scientists and the GEST roster presently is 170+. We wish Dr. Curran a happy retirement and thank him for his enthusiasm and steadfast dedication.