UHD Show Case Projects Leveraging Cyber Infrastructure
1:00 - 2:15 PM

Cognitive Learning Style and its Effect on the Perception of Learning, Satisfaction and Social Interactions in Virtual Teams
Presenter: Margaret Shipley, Professor, Department of Management, Marketing and Business, University of Houston-Downtown

Intelligent Traffic Simulation using Clusters
Presenter: Ongard Sirisaengtaksin, Professor, Department of Computer and Mathematical Sciences, University of Houston-Downtown

Application in Large Scale Computational Biology with Cluster Computing
Presenter: Hong Lin, Assistant Professor, Department of Computer and Mathematical Sciences, University of Houston-Downtown

Genome Analysis
Presenter: Akif Uzman, Chair, Department of Natural Sciences, University of Houston-Downtown

Atmospheric Balloon Studies
Presenter: Donald Musselwhite, Lecturer, Department of Natural Sciences

Computational Chemistry
Presenter: Maria Benavides, Assistant Professor, Natural Sciences, University of Houston-Downtown

ANOTHER ONE
Presenter: TEXT

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ALL FACULTY ARE INVITED **CYBER INFRASTRUCTURE DAY**
CI DAY @ UHD
REGISTER AT: www.uhd.edu/ciday
NOVEMBER 7, 2008
SPECIAL EVENTS CENTER

Access Resources and Grant Opportunities for Faculty in Multiple Disciplines

Support your research and teaching!

Do you need access to:

- large databases for research?
- visualization sources?
- expensive instruments?
- grant opportunities no matter what subject area?

Start your Cyber Infrastructure journey on Friday by registering at www.uhd.edu/ciday. You won't want to miss the information presented for grant and research opportunities!
Lots of food and door prizes too!
(Must be present to win.)

8:00 - 8:30	**Registration and Coffee**

Welcome and Opening Remarks (8:30 - 8:45)

Max Castillo, President, UHD
Molly Woods, Vice President for Academic Affairs and Provost, UHD
Hossein Shahrokhi, Division of Information Technology, UHD
Richard A. Aló, Executive Director for Grants and Contracts, College of Sciences and Technology, & Executive Director, Center for Computational Sciences and Advanced Distributed Simulation, UHD
Amelia A. Rouse, University of New Mexico, Facilitator

Keynote - Overview of Cyberinfrastructure and the Breadth of Its Application (8:45 - 9:15)

An overview of resources, projects and virtual organizations utilizing and available as cyberinfrastructure for faculty and student research and education.
Presenter: *Geoffrey C. Fox*, Professor of Computer Science, Information Science and Physics, Community Grids Lab, Indiana University

National Selected Show Case Projects (with strong student research components) (9:15 - 10:00)

Environmental study of Melting Polar Ice Cap
(Cyberinfrastructure, Remote Sensing, Collaboration and the PolarGrid)
Presenter: *Linda B. Hayden*, Professor of Computer Science, Director of Center of Excellence in Remote Sensing Education and Research, Elizabeth City State University

The Texas Learning and Computation Center (TL2C)
Presenter: S. Lennart Johnsson, Professor of Computer Science, Mathematics and Electrical and Computer Engineering, Director of the Texas Learning and Computation Center, University of Houston – main campus

Break - Meet UHD's new Director of the Office of Sponsored Programs, Carolyn Ivey. (Door Prizes**)** (10:00 - 10:15)

National Selected Show Case Projects (with strong curriculum and education components) (10:15 - 10:55)

Computational Science and Education K-20
Presenter: *Robert M. Panoff*, Executive Director, Shodor Foundation

Tools and Environments for Education
Presenter: *Krishna P. C. Madhaven*, Assistant Professor of Engineering and Science Education

National Selected Show Case Projects: Cyberinfrastructure and the Arts (10:55 - 11:15)

Cyberinfrastructure, the GridJam and Visual Music
Presenter: *Jack Ox*, Research Professor and Artists in Residence at the ARTS Lab, University of New Mexico

National and Regional Organizations Supporting Faculty in Cyberinfrastructure (11:30 - 12:00)

Panel Discussion
Russ Hobby, University of California, Davis, Cyberinfrastructure Days and Internet 2
Brad Armosky, TeraGrid and the Texas Advanced Computing Center, University of Texas at Austin
Alex Ramirez, Minority-serving Institutions Cyberinfrastructure Empowerment Coalition (MSI-CIEC) and the Hispanic Association of Colleges and Universities (HACU)

Lunch and more **Door Prizes** (12:00 - 1:00)

UHD Show Case Projects Leveraging Cyberinfrastructure (See back of brochure for detailed list of UHD presentations.) (1:00 - 2:15)

Break - Meet UHD's new Director of the Office of Sponsored Programs, Carolyn Ivey. (Door Prizes**)** (2:15 - 2:30)

Benefiting from Cyberinfrastructure: Facilitated Discussion (2:30 - 4:00)
Strategic Directions through Examination of the Needs, Strengths, and Funding Opportunities
Facilitator: *Amelia A. Rouse,* Institute for Public Policy, University of New Mexico

Special Session (4:00)
Computational Science Education
Presenter: *Robert M. Panoff,* Executive Director, Shodor Foundation