



President's Message

Nancy Leveille, Ed. D.
Assistant Professor
Computer and Mathematical Sciences
University of Houston-Downtown

Thank you all for your personal support and varied professional contributions to the Association of Computer Educators in Texas. In this newsletter, we report on last year's conference and invite you to participate in this year's October 6-8th conference in Dallas. Be sure to reserve your hotel room(s) early, by September 14th, in order to be guaranteed the state rate. It is very likely that the hotel will fill fast for that special weekend.

The 2010 Conference in League City was a success in every way. My congratulations to Dr. Hajar Sanders and her Board members for such great professional development opportunities in the congenial atmosphere expected of the ACET. The 2010 Conference Proceedings are in the process of being posted at <http://acetweb.org/historical/historical.htm>. The webmaster will be relocating a few documents to facilitate the new site's user friendliness, so look for Proceedings to have a direct link from the home page soon.



Vision of the IT Future: Dare to Dream

Members of the 2010-2011 ACET Board met at the conference hotel in Dallas on Saturday, January 22, 2011. After tours of the *Crowne Plaza Dallas near the Galleria* and the *Ellison Miles Geotechnology Institute* at Brookhaven College, we are off to a terrific start in preparing for this year's conference. The Call for Session Proposals will be sent to your inbox soon and will be followed by the usual Call for Proposals and Call for Student Proposals.

Please join us at our 47th Annual Conference where we will continue the tradition of providing the most cost-effective professional development for our members – membership is still only \$10 per year – as well as good food, camaraderie, gifts, door prizes and much more.

ACET 47th Annual Conference

October 6 – 8, 2011
Crowne Plaza Near the Galleria
Addison, Texas

www.acetweb.org

2010 Conference Presenters

N. Leveille, 2010 Conference Program Coordinator

The 46th Annual ACET Conference included the following presenters and topics:

Opening Session Speaker

Anthony Elam *Serious Games – A Tool for Education and Training*

Friday Breakfast Speaker

Essie Childers *Achieving the Dream*

Keynote Speaker

Thomas Hanson *Why We Go to Space*

Syde Ali *Enterprise Reporting and Operational Efficiency*

Stefan Andrei and Lawrence Osborne
INSTEAD: A Learning Model in Teaching Computer Science to Freshmen Students

Pamela Bracey *IT TEKS-based Web Resources for Secondary Education*

Sue Conger First Presentation TUTORIAL:
Introducing Services into MIS, Programming and System Analysis Courses
Second Presentation: *IT Service Management*

Ed Crowley and Nick Drehel *Issues in Digital Class Design*

Eric Freudenthal *Promoting Math Learning and Computational Literacy via Graphical Calculator Programming*

Chao Gong *Understanding Password Security through Password Cracking*

Sharon P. Hall and Kwok-Bun Yue *An Effective Scholarship Program for Science, Technology, Engineering, and Mathematics (STEM) Majors*

Shohreh Hashemi and Merrilee Cunningham
Interdisciplinary Collaboration to Teach Research Methodologies and Tools in Freshmen Courses

Sam Hijazi and John Seiben *Easy Does It - Using JavaScript to Teach Object-Oriented Concepts*

Sam Hijazi *Secured Access – Anywhere, Anytime Using a Jump Drive and XAMPP to Teach Web Programming*

Nancy Leveille *Some Considerations When Designing Online/Hybrid Courses*

Morris M. Liaw *Developing a Three Tier Web Application Using ASP.NET and Open Source Object-Oriented Database DB4Objects*

PK Louie and Mehdi Balouchestani
ROUNDTABLE: *Stimulating*

Mary Myers First Presentation
ROUNDTABLE: *Student Club Sponsorship*
Second Presentation: *Visual Studio 2010 – What's New*
Third Presentation WORKSHOP: *Office 2010 – What's New*

Donnell Payne *Incorporating Emerging Technologies into the Capstone Experience*

Ruth Robbins *Blending SAP into the IS Classroom*

Richard Rose and Jan Ray *Computer-Assisted Models for HS English Language Learners*

Hajar Sanders ROUNDTABLE: *Emerging Information Technologies and Concepts*

Catherine Tabor First Presentation:
Introducing Programing Transformations
Second Presentation WORKSHOP:
Programming Transformations

Robert C. Tchoryk *Implementing Free Flash Drive Software for Student Mobility and Academic Success*

Sharon White and Muhammad Tuan Amith
Software Design – 2010 Primer

JOURNAL NEWS:

Volume 6 is being finalized. Please

see <http://acetweb.org/journal/journal.htm>

Student Presentations

N. Leveille, 2010 Student Presentations Chairperson

Students were judged by the ACET attendees based on Content Quality, Quality of Data, Opportunity for Further Research or Development, Innovative Presentation Technique, Visual Impact, and Relevance to Computing.

Graduate Contest First Place

Batbold Myagmarjav *Implementation of Eye Movement Tracking With Webcam Images*

Sam Houston State University



Faculty Mentor: Dr. Jiahuang Ji

Graduate Contest Second Place

Zahabia Damania *Use of Open Source in Education*

University of Houston, Clear Lake



Faculty Mentor: Dr. Kwok-Bun Yue

Graduate Contest Third Place

Christopher DeVito *C++ Code Generator for Rod Cutting Problem*

University of Houston



Faculty Mentor: Dr. Stephen Huang

Undergraduate Contest First Place

Kathlyn Doss *An Automatic Induction Proof for Program Termination Analysis*

Lamar University



Faculty Mentor: Stefan Andrei

Undergraduate Contest Second

Valerie Juarez, Daniel J. Vincent II, and Kathlyn Doss *A Literature Review of Computer Science Education Through Video Game Creation*

Lamar University



Faculty Mentors: Dr. Doerschuk and Dr. Liu

Undergraduate Contest Third

Aliona Shadrova, Steven Alvarez, and Craig Heitmiller *HIV/AIDS Problem in Shanghai*

University of Houston - Downtown



Faculty Mentors: Merrilee Cunningham and Shohreh Hashemi

Undergraduate Honorable Mention

Elfego Chavez, Carrie Edwards, Rhonda Asmore *Solutions for Mexico City's Air Pollution*

University of Houston-Downtown



Faculty Mentor: Dr. Merrilee Cunningham