

Richard Tapia Celebration of Diversity in Computing 2005

2005 Conference Committee

General Chair

Dr. Pamela Williams
Sandia National Laboratory

Program Chair

Dr. Mark Friedman
Central Connecticut State University

Fundraising Co-Chairs

Dr. Radha Nandkumar
National Center for Supercomputer
Applications
Dr. Valerie Taylor
Texas A&M University

Public Relations

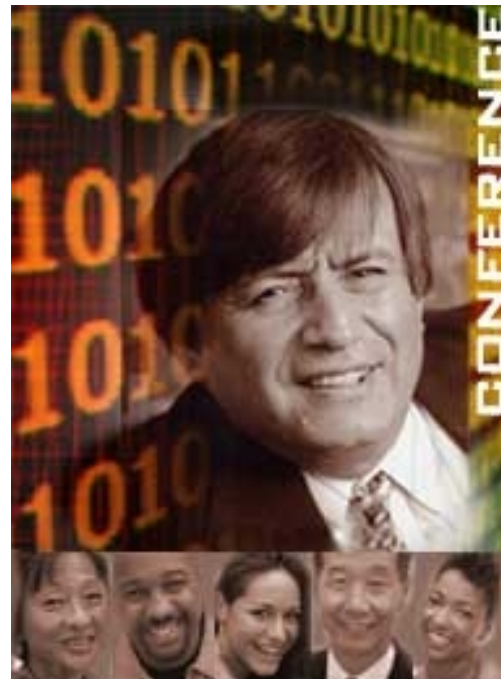
Jon Bashor
Lawrence Berkeley National Laboratory

Scholarships Committee

Stephenie McLean
National Center for Supercomputing
Applications

2005 Conference Theme

*'A Diversity of Scholars – A Tapestry of
Discovery'*



Who Attends the Tapia Conferences

www.ncsa.uiuc.edu/Conferences/Tapia2005

For the first Richard Tapia Symposium 2001 we targeted professionals and students, with an emphasis on encouraging student participation via posters and panels. The target audience size was 150, with the actual size being 164. In 2003, the Tapia Conference attendee increased to 259. The audience for the conference series general consists of the following:

- Diverse population of undergraduate and graduate students in computing, which comprise over 50% of the conference attendees
- Diverse ensemble of invited speakers, including Ken Kennedy, Vipin Kumar, Agnes Chan, Juan Meza, Oscar Garcia, Charles Isbell, Sandra Baylor, Juan Gilbert and Nate Dean in 2001 and Warren Washington, Peter Freeman, Valerie Taylor, Jose Munoz, and Eloy Rodriguez in 2003.
- Professionals, representing government, academia and industry.

The conference series is a great success as indicated by the conference evaluations, summarized below.

- More than 90% of each conference's respondents found Tapia 2001 and Tapia 2003 intellectually stimulating.
- 76% of the respondents felt Tapia 2001 increased their desire to conduct research in the areas of science, mathematics, engineering, and technology; 83% of the respondents reported that Tapia 2003 increased awareness of research conducted by members of diverse groups.
- 61% felt motivated to conduct interdisciplinary research as a result of Tapia 2001; 75% of the undergraduate respondents expressed an increased desire to attend graduate school as a result of Tapia 2003.

The following are quotes from some of the attendees that express the success of the symposium:

“Although I have always been planning on attending graduate school, the conference exceeded my expectations in expediting my decision of when to go, where to study, and what to study. I was impressed by the diversity of attendees. They were diverse in race, personality, interests, and talents, all of which combined to create an amazing setting for networking, and friendships that I will carry through the rest of my life.” [Tapia 2001]

“[The] plenary sessions and technical talks...introduced me to other people's work. [The conference] gave me a lot of ideas on how to broaden my perspective of the useful things we can do with CS knowledge.” [Tapia 2003]

Additional information about the previous Tapia Conferences can be found on the following websites: www.sdsc.edu/Tapia2001 and www.ncsa.uiuc.edu/Conferences/Tapia2003.

Conference Components

www.ncsa.uiuc.edu/Conferences/Tapia2005

- **Doctoral Consortium**

The Doctoral Consortium, to be held as a one-day workshop immediately preceding the Tapia 2005 Conference, provides an opportunity for Ph.D. students to discuss and explore their research interests and career objectives with a panel of established researchers in computing and in computational mathematics, science and engineering. The doctoral consortium has the following objectives:

- To provide a setting for feedback on participants' current research and guidance on future research directions;
- To develop a supportive community of scholars and a spirit of collaborative research;
- To provide a new generation of researchers and scientific leaders with advice and insight into academic, research, industrial, and non-traditional career opportunities;
- To contribute to the conference goals through interaction with other researchers and participation in conference events.

- **Richard A. Tapia Achievement Award for Scientific Scholarship, Civic Science, and Diversifying Computing.**

The Richard Tapia Award is intended to honor a person who exemplifies Tapia's work as a "civic scientist" --- a scientist who recognizes that at the center of the complex technological and scientific world are people --- and demonstrates extraordinary leadership in increasing the participation of underrepresented groups in the sciences. The 2001 Tapia Award went to Dr. Bryant York of Portland State University. The 2003 Tapia Award went to Dr. Carlos Castillo-Chavez of Los Alamos National Laboratory.

- **Resume Book of Scholarship Recipients**

We will continue to publish a resume book of all scholarship recipients, which includes top, highly sought-after, diverse students as well as excellent faculty at the Minority Serving Institutions. In addition to the book, the resumes will also be available on-line via the Coalition to Diversify Computing's database (www.sdsc.edu/cdcd).

Sponsor Benefits

	GOLD	SILVER	BRONZE	CONTRIBUTOR
Institution name and logo in all printed materials and on the web site with a link	◆	◆	◆	
Inclusion of company name in press releases	◆	◆	◆	◆
Individual table available for corporate materials	◆	◆		
Shared tabletop available for corporate materials			◆	◆
Invitations to private VIP reception	3	2	1	
Resume book of scholarship recipients	◆	◆		
Inclusion of institution's materials in registration packets	◆			
Number of scholarships to be awarded to students of your choice	10	4	2	1
Institutions may substitute a scholarship for a complimentary registration.				
Institutions may arrange to support additional students at a rate of \$1500/scholarship.				
	\$15,000- \$23,999	\$6,000 - \$14,999	\$3,000 - \$5,999	\$1,500 - \$2,999

Contact Information - Fundraising Committee

Please contact us for additional information or questions regarding support of the Tapia Conference 2005:

Dr. Radha Nandkumar
Senior Research Scientist, NCSA
Program Director, Campus & International Affiliations
NCSA, University of Illinois
605 E. Springfield Avenue
Champaign, IL 61820
Phone: (217) 244-0650
FAX: (217) 244-8195
email: radha@ncsa.uiuc.edu

Dr. Debra J. Richardson
Ted and Janice Smith Family Foundation Dean
Donald Bren School of Information and Computer Sciences
Professor, Department of Informatics
University of California, Irvine
Irvine, CA 92697-3425
Phone: +1(949) UCI-SICS (824-7427) +1(949) 824-7405
Fax: +1(949) 824-3976
Email: djr@uci.edu

Dr. Valerie Taylor
Stewart & Stevenson Professor
Department Head
Department of Computer Science
Texas A&M University
College Station, TX 77843
Phone: (979) 845-5820
Fax: (979) 845-1420
Email: taylor@cs.tamu.edu

Academic Institution and Non-profit Supporters

Richard Tapia Celebration of Diversity in Computing Conference 2005

October 19-22, 2005

Hyatt Regency, Albuquerque, NM

<http://www.ncsa.uiuc.edu/Conferences/Tapia2005>

Yes! We will support the 2005 Tapia Celebration of Diversity in Computing Conference!

GOLD SPONSOR: Cash contributions of \$15,000 to \$23,999

SILVER SPONSOR: Cash contributions of \$6,000 to \$14,999

BRONZE SPONSOR: Cash contributions of \$3,000 to \$5,999

CONTRIBUTOR: Cash contributions of \$1,500 to \$2,999

I am enclosing our check # _____ for \$ _____

Please send an invoice.

Organization: _____

Contact Person: _____ Title: _____

Telephone: _____ Fax: _____

Email: _____

Street Address: _____

City: _____ State: _____ Zip: _____

Please make checks payable to: **ACM** and mail to:

Russell Harris
Director
Financial Operations and Budgeting
Office of Financial Services
ACM Headquarters Office
One Astor Plaza
1515 Broadway, 17th Floor
New York, New York 10036-5701
harris_r@acm.org
+1-212-626-0595