

Technologist

Includes information for the Syracuse Sections of the IEEE

SYRACUSE AREA TECHNICAL SOCIETIES COUNCIL

ACM - Association of Computing Machinery	Gerry T. Volger	Chair	433-1904
ACS - American Chemical Society	Steven Keller	Chair	
AFE - Association of Facilities Engineers	Nick Kochan	Pres.	455-7061
AFS - American Foundryman's Society	Kevin Walker	Chair	477-5151
AIA - American Institute of Architects	Jamie Williams	Pres.	476-8371
AIAA - American Institute of Aeronautics & Astronautics	John E. LaGraff	Chair	
AIChE - American Institute of Chemical Engineers	Suresh Santanam	Chair	655-8161 x 340
AIHA - American Industrial Hygiene Association	Tom McGiff	Pres.	607-255-5835
ASCE - American Society of Civil Engineers	Matt Millias P.E.	Pres.	451-9560
ASHRAE - American Society of Heating, Refrigerating, and Air-Conditioning Engineers	Tom Buswell	Pres.	432-6510
ASM - American Society for Metals	Jeff Zerilli	Chair	607-533-7000
ASME - American Society of Mechanical Engineers	Tom Michlovitch	Chair	433-1917, x125
ASPE - American Society of Plumbing Engineers	Daniel C. Gehl	Pres.	607-277-7100
ASQ - American Society for Quality	Andy Thyne	Chair	456-3267
ASSE - American Society of Safety Engineers	Jerry Clark	Chair	445-4536
CNYAIHA - CNY American Industrial Hygiene Association	Steve Valentine	Chair	455-0224
CNYSLS - CNY Society of Land Surveyors	Robert Green	Contact	428-4358
CNYTEA - CNY Technology Education Association	Michael D. Thurlow	Pres.	598-6030
FLSA - Finger Lakes Sanitarians Association	Lary Duchaney	Chair	445-1597
IEEE - Institute of Electrical and Electronics Engineers	Mike Hayes	Chair	455-2000
IES - Illuminating Engineering Society	Chad Loomis	Pres.	476-8311
ISMIC - International Society for Measurement & Control	Steve Burrell	Pres.	445-5555
LCSEAA - LC Smith Engineering Alumni Association	Kelly Thompson	Contact	678-2171
NSPE - National Society of Professional Engineers	Michael R. Hayes, P.E.	Pres	455 2000
NYSAPLS - NYS Assoc. of Professional Land Surveyors	Robert S. Green	Chair	428-4358
NYSATE - NYS Association of Transportation Engineers	Mary Clements	Pres.	428-4627
SAE - Society of Automotive Engineers	Angie Errico	Chair	432-4363
SAS - Syracuse Astronomical Society	Stu Foster	Pres.	492-9118
SBE - Society of Broadcast Engineers	Vincent Lopez	Pres.	472-6800
SFPE - Society of Fire Protection Engineers	Dennis McCarty	Pres.	716-599-4238
SME - Society of Manufacturing Engineers	Sam Waite	Chair	432-0700
SWE - Society of Women Engineers	Susan Weaver	Pres.	432-0506

The Technology Alliance of CNY has been reporting on technical excellence since 1903.

Vol. 9 No 3

November 2006

The Syracuse Section of the
Institute of Electrical and Electronics Engineers
www.ewh.ieee.org/r1/syracuse



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The Technology Alliance of Central New York
www.TACNY.org



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Syracuse Section -- Syracuse, New York

Online news


Technologist

1. **IEEE.tv: New Broadcaster Hits Town** After more than 100 years as a magazine publisher, the IEEE might be regarded as an unlikely candidate to become a broadcaster. But in August, the IEEE released IEEE.tv, its Internet broadcasting network, which features coverage of IEEE conferences, interviews with IEEE book authors, primers on technology-related careers, and overviews of IEEE products and services.
2. **Life Fellow Donates Royalties to the IEEE** Inspired by the IEEE to give back to his technical field, Life Fellow V. Prasad Kodali is donating to the IEEE Foundation the royalties he earns from the 2006 and 2007 sales of his book.
3. **VHS Named History Milestone** Although one would be hard pressed now to find new movies released in the VHS format, it stood as the video recording standard for almost three decades. Because of its impact, the VHS format will be recognized with an IEEE Milestone in Electrical Engineering and Computing in a ceremony on 11 October in Tokyo.
4. **Marketplace of Ideas: Questioning the Retirement Age** Helmut Panke, former chief executive at BMW, turned 60 in August and was forced to retire soon after, in accordance with BMW's retirement-age rule. Some analysts say that for BMW to anticipate tomorrow's technology trends, key executives must be younger than 60. Do you think that executives over 60 are out of the technology loop, or should BMW and other companies with similar rules raise the mandatory age of retirement? Responses to July's Marketplace question about whether skin-care products containing nanoparticles are safe ranged from a call for more product testing to a demand for a hands-off approach to regulations.
5. **Sign up for Test and Measurement Webinar** In this free IEEE Spectrum online event, industry experts will explain the latest techniques for boosting measurement speeds, reducing test costs, and anticipating changes in the design and test of emerging multimedia products.
6. **Environmental Classes Just a Click Away** The Willis College of Business and Technology has teamed up with the IEEE Education Partners Program to offer online courses that certify technical professionals in the analysis of clean and renewable energy projects.
7. **Last Chance to Register for the Next Career Accelerator Forum** Register now for the 12 October Career Accelerator Forum: Changing Lanes to hear presentations from leading experts in entrepreneurship and computer science. Learn how to leverage your credentials to accelerate your career, and have the opportunity to ask questions of the speakers in a live Q&A session.
8. **Students From Turkey Win Robotic Firefighting Contest** Several fires were started in May on the campus of Twente University in the Netherlands. But they weren't the work of an arsonist; they were part of the 2006 Student Robotics Contest, where student teams from Europe and the Middle East competed in building autonomous firefighting robots.
9. **EE Times Seeks Nominations for Awards** The EE Times wants nominees for its Annual Creativity in Electronics Awards, which honors technology inventors who demonstrate leadership and innovation in the global industry and shape the world we live in.
10. **Digital Library Offers Subscription Incentives** IEEE members who subscribe to the IEEE Member Digital Library for the first time between now and 31 December will receive the first month of service free.

BOOKMARK THIS!

Check out our Section Calendar at <http://www.ewh.ieee.org/r1/syracuse/cal.htm> for additions, updates and directions to meetings. This includes meetings that we have not been able to add to the Technologist due to scheduling. The Syracuse Section will add meetings for other organizations where IEEE members are invited and link to your web page. Don't have a web site for your organization? We will include the information on ours for related technical societies. Contact Don Herres at d.herres@ieee.org.

IEEECONTACT INFORMATION

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regional.activities@ieee.org

Those members who need to CHANGE CONTACT INFO on file with the IEEE, including e-mail addresses, should do so at:
<<http://www.ieee.org/membership/coa.xml>>

SYRACUSE SECTION Meeting Information

Our Executive Committee Meetings are held on the first Friday of the month and are open to all members. Minutes are available online at <http://www.ewh.ieee.org/r1/syracuse/meet.htm>

Check out the all new Syracuse Section website:

IEEE Region 1

Graduate Student Paper Contest (IEEE GSPC2007)

Call for Papers

The IEEE Region1 Student Activities Committee is presenting its second Graduate Student Paper Contest, 2007 (IEEE GSPC2007) open exclusively to graduate students studying at an institute within Region 1 who are IEEE members. The GSPC is designed to challenge your knowledge and skills and the scientific and technical excellence.

Accepted papers will be presented at the IEEE 2007 Long Island Systems, Applications and Technology Conference (LISAT2007), held on Friday May 4, 2007 at the Institute for Research & Technology Transfer at Farmingdale State University in Farmingdale, New York).

Papers must be written on any subject in IEEE's technical fields of interest, including but not limited to the following:

- Circuits and Devices
- Communications Technology
- Electromagnetics and Radiation
- Computer
- Energy and Power Engineering
- Signals and Applications
- Systems and Control
- Industrial Applications

The detailed description of the fields of interest can be found on the IEEE Technical Societies web site:
<http://www.ieee.org/portal/pages/society/index.html>

Submission Procedures

Prospective authors are invited to propose papers in any of the technical areas listed above. The number of authors for one paper is limited to 3. The first author has to be an IEEE graduate student member. The paper must be submitted electronically to IEEE GSPC2007 Committee Chair Babak Beheshti (b.beheshti@ieee.org).

Deadlines:

Registration: All authors intending to enter this competition must register via email by filling the form available at <http://www.ieee.org/r1sac> no later than November 30, 2006.

Paper Submission: All paper submissions must be received via email before mid-night of January 10, 2007.

The submission forms and more details of the GSPC are provided in the web site below:
<http://www.ieee.org/r1sac>

The first, second, and third place winners will receive Award Plaques from IEEE Region 1.



International Joint Conferences on Computer, Information and Systems Sciences and Engineering (CIS²E 06)

http://www.cisse2006.org



December 4th – December 14th, 2006
Technically Co-sponsored by:
Institute of Electrical & Electronics Engineers (IEEE)
University of Bridgeport



Chairpersons

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Main Theme

CISSE 06 provides a virtual forum for presentation and discussion of the state-of-the-art research on Engineering Education, Instructional Technology, Assessment and E-learning. The virtual conference will be conducted through the Internet using web-conferencing tools, made available by the conference. Authors will be presenting their PowerPoint, audio or video presentations using web-conferencing tools without the need for travel. Conference sessions will be broadcast to all the conference participants, where session participants can interact with the presenter during the presentation and (or) during the Q&A slot that follows the presentation. This international conference will be held entirely on-line. The accepted and presented papers will be made available after the conference both on a CD and as a book publication. Conference participants - authors, presenters and attendees - only need an internet connection and sound available on their computers in order to be able to contribute and participate in this international ground-breaking conference. The on-line structure of this high-quality event will allow academic professionals and industry participants to contribute work and attend world-class technical presentations based on rigorously refereed submissions, live, without the need for investing significant travel funds or time out of the office. Potential non-author conference attendees who cannot make the on-line conference dates are encouraged to register, as the entire joint conferences will be archived for future viewing.

CISSE 2006 is the second conference of the CISSE series of e-conferences. CISSE 2005 (www.cisse2005.org) was the World's first Engineering/Computing and Systems Research E-Conference. CISSE 2005 was the first high-caliber Research Conference in the world to be completely conducted online in real-time via the internet. CISSE 2005 received 255 research paper submissions and the final program included 140 accepted papers, from more than 45 countries. The concept and format of CISSE 2005 were very exciting and ground-breaking. The PowerPoint presentations, final paper manuscripts and time schedule for live presentations over the web had been available for 3 weeks prior to the start of the conference for all registrants, so they could choose the presentations they want to attend and think about questions that they might want to ask. The live audio presentations were also recorded and were part of the permanent CISSE archive, which also included all power point presentations and papers. Springer, the official publisher for CISSE, published the 2005 proceedings in 2 books. [Book 1 (Flyer) and Book 2 (Flyer)]

The CISSE conference audio room provided superb audio even over low speed internet connections, the ability to display PowerPoint presentations, and cross-platform compatibility (the conferencing software runs on Windows, Mac, and any other operating system that supports Java). In addition, the conferencing system allowed for an unlimited number of participants, which in turn granted us the opportunity to allow all CISSE participants to attend all presentations, as opposed to limiting the number of available seats for each session.

CISSE 2006 is composed of the following e-conferences:

- International Conference on Telecommunications and Networking (TeNe 06): http://www.cisse2006.org/tene.aspx
International Conference on Industrial Electronics, Technology & Automation (IETA 06): http://www.cisse2006.org/ieta.aspx
International Conference on Systems, Computing Sciences & Software Engineering (SCSS 06): http://www.cisse2006.org/scss.aspx
International Conference on Engineering Education, Instructional Technology, Assessment & E-learning (EIAE 06): http://www.cisse2006.org/eiae.aspx

Paper Submission

Prospective authors are invited to submit full papers electronically in Microsoft Word format through the website of the individual conferences at http://www.cisse2006.org. Accepted papers must be presented in the virtual conference by one of the authors. To submit your paper, visit http://www.cisse2006.org/author/submit.aspx

Paper submission Deadline: October 13th, 2006
Notification of Acceptance: November 7th, 2006
Final Manuscript and Registration: November 24th, 2006

Date	Time	Location	Topic
November 6	8:15 AM - 5:00 PM	Holiday Inn Electronics Pkwy & 7th North Liverpool, NY	CNY Engineering Expo Earn up 7 PDHs for PE Registration Requirements
November 10	12:00 PM	Golisano Auditorium RIT Rochester, NY	3rd IEEE Upstate NY Workshop on Communications & Networking
November 15	6:30 PM	OCC	Electric Reliability
January 5	12:00 PM	C&S Engineers	Section Executive Committee Meeting
February 2	12:00 PM	C&S Engineers	Section Executive Committee Meeting
March 2	12:00 PM	C&S Engineers	Section Executive Committee Meeting
April 6	12:00 PM	C&S Engineers	Section Executive Committee Meeting
May 4	12:00 PM	C&S Engineers	Section Executive Committee Meeting

Stearns & Wheler, LLC an environmental consulting engineering firm is presently seeking highly motivated people for the following positions in our Cazenovia office.

Electrical Designer: Responsibilities include providing electrical designs of power distribution systems for water and wastewater facilities. The candidate should be knowledgeable of these facilities including hazardous locations and relevant applicable codes, be proficient in AutoCAD 2002 or higher, be able to work with Microsoft Office programs, and have an understanding and working knowledge of Excel spreadsheets. Being able to do lighting selection, design, and layout is a plus. The qualified candidate should have an AAS Degree in Electrical Engineering Technology with at least 1 to 3 years experience.

Electrical Engineer: Responsibilities include providing electrical designs of power distribution systems for water and wastewater facilities. The candidate should be knowledgeable of PLCs, VFDs, and their application including a general knowledge of process instrumentation. The candidate should have good writing skills, be able to manage multiple design projects, be proficient in AutoCAD 2002 or higher, be able to work with Microsoft Outlook and Word and be skilled in the use of Excel spreadsheets. The qualified candidate should have an Electrical Engineering Degree with 2-5 years experience.

We offer competitive salaries and a comprehensive benefits package. If you wish to be considered, please submit your resume and salary requirements in confidence to:

Human Resources Department
 Stearns & Wheler, LLC
 One Remington Park Drive
 Cazenovia, New York, 13035
jobs@stearnswheler.com
 Fax:(315) 655-3214
 AA/EOE, M/F/D/V



Joint Meeting

**IEEE Syracuse Section, IEEE Power Engineering Society
and The Technology Alliance of Central New York(TACNY)**

MEETING ANNOUNCEMENT- WEDNESDAY, NOVEMBER 15, 2006

WHAT: After the 2003 Blackout- Reliability

What You Should Know About Electric Reliability

WHO: Herbert Schrayshuen, P.E.

Vice-President

Transmission Reliability Compliance

National Grid

WHERE: Onondaga Community College (Location to be Confirmed)

Whitney Auditorium

Route 173 Syracuse, NY

WHEN: Wednesday, November 15, 2006

TIME: 6:30pm- 8pm

The Central New York Community is proud to present a very popular speaker. Herb Schrayshuen has presented many times to the Syracuse IEEE Section, and we are glad to expand his audience to include members from TACNY and the general public as well. This presentation will update you on the important developments in electric reliability since the Northeast Blackout of 2003.

The Federal Energy Regulatory Commission (FERC) is now in the business of regulating power system reliability . Effective June 2007, Electric Utilities in the United States, Canada and Mexico are subject to compliance with mandatory reliability standards under the Federal Power Act. Failure to meet the requirements of mandatory standards are punishable with financial penalties up to \$1,000,000 per day depending on the severity of the violation and the importance of the standard that was violated.

Herb Schrayshuen will describe the new regulatory environment that has been created and outline how utility companies plan to comply with the new mandatory requirements.

NOTE: This presentation qualifies as a John Sweet Lecture. Professor Sweet established a Sweet Lecture as part of the Technology Alliance of Central New York(TACNY)'s mission for the development of technology presentations benefiting the Central New York community. This presentation is free and open to the public.

Due to the limited space available and the overwhelming popularity of this speaker, please email your reservations to programs@tacny.org.

Lite refreshments(pizza, soda, water) will be available prior to the presentation just outside the auditorium

Officers 2006-2007

President	Howie Hollander	456-6287
First Vice President	Mary Reidy P.E	428-5326
Second Vice President	Marc Viggiano	445-5754
Secretary	Michael Masingale	445-4108
Treasurer	William Busher	434-1242
Past President	Albert A. Brandenburg	234-3725
Technologist Editor	Maria T. Welych	637-0663
Web Page Editor	Marjory Baruch	637-0033
Teacher Awards Chair	Dr. Vernon A. Tryon	343-9692

Email Contact Information

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secretary@tacny.org
treasurer@tacny.org
pastpresident@tacny.org
membership@tacny.org
technologist@tacny.org
webmaster@tacny.org
teacherawards@tacny.org
jr.cafe@tacny.org

Web site of the Month

www.darpa.mil/grandchallenge/



Looking for a challenge?

DARPA, the research arm of the U.S. military, has a doozy: Built an autonomous vehicle that can safely traverse a 60-mile urban route in early November 2007 in less than 6 hours. This is the agency's third challenge. Cash is no longer the prize, as in earlier challenges, but the hype surrounding the race will be just as big. Check out the participants and follow the process online.



President's Message

Once again, I find myself writing from 30,000+ feet, this time returning from the West Coast. There are no issues with my travel today, as there were last month. As a result, I have no incident to give me inspiration for this month's message. BTW, nobody responded to my request for films that prominently feature technologists and/or technology in a positive way. Is it possible that "Apollo 13" is the only one? Instead, I'll share some observations from my recent trip to the University of Illinois at Urbana-Champaign (UIUC).

Syracusans know more about Big Ten member University of Illinois than just a couple of years ago. Nancy Kantor, chancellor of Syracuse University, last held the same post at UIUC. The sports fans out there know that just like SU, UIUC has a great basketball team, and a football team so weak that they even lost to SU while playing at home earlier this season. It is also the home of one of the finest engineering schools in the country. I was on campus, at the invitation of the College of Engineering (COE), to participate as a member of their Innovation Leadership Advisory Board, a relatively new entity that brings in members of industry to help in the strategic planning of the college. Innovation certainly isn't new on the campus. My laptop, for example, benefits from the following inventions to come from the College of Engineering: transistors, light emitting diodes, plasma screens, and the first web browser (Mosaic). Numerous other technology areas were also discovered on campus. The Digital Computer Lab was home to ILLIAC, one of the first computers. Fans of *2001: A Space Odyssey* know that the HAL 9000 computer's home was Urbana IL, certainly not a randomly selected town in this vast country.

The college's plan may seem unusual to some as they move from a single department focus to more multi-disciplinary research. No longer constrained to the buildings surrounding Bardeen Quadrangle – John Bardeen

Continued on next page

was a UIUC COE professor, as well as a two-time Nobel Prize winner in physics – the College of Engineering is reaching out to all the departments on this very large campus, and the collaborations are sure to be spectacular. I attended panel sessions on energy/environment, health, and informatics that deal with much more than technology and the underlying science. The business school, law school, and liberal arts colleges, just to name a few, are all deeply involved.

So what does that say to all of us? We need to ensure as technologists we are not one-trick ponies. It isn't good enough anymore to be a specialist in a single, specific domain or discipline. The employees that will be most valued exercise both the left and right sides of the brain. We'll still need the specialists, I am sure, but in the future the greater need will be for those who can consider all views, both technological and otherwise, to lead engineering solutions in directions we never knew possible.

Observations you care to share? Drop me a note at hollander@tacny.org, and let's begin a dialogue!



Junior Café Scientifique Saturday, Nov. 11

The next Junior Café Scientifique is titled "Workplace Detectives: A day in the Life of Epidemiologist and Industrial Hygienist," featuring Dr. Shannon Magari of Colden Corp. as the speaker.

Junior Cafe Scientifique is a monthly interactive science talk for students in grades six through 12 and their families. The events are scheduled for 9:30 to 11 a.m. the third Saturday of the month at the Milton J. Rubenstein Museum of Science and Technology.

The lecture series, which is sponsored by TACNY, is modeled after International Cafe Scientifique, which began in Britain, and is among few Junior Cafes in the United States. The program features a brief talk by a guest speaker on a current science, mathematics, engineering or technology topic. Afterward, attendees are invited to tour the MOST, free of charge.

Space lecture

The second in a series of four space-related lectures is set for 7 to 9 p.m. Nov. 16 at the Milton J. Rubenstein Museum of Science & Technology. Terry Herter, professor in Cornell University's Department of Astronomy and director of the Center for Radiophysics and Space Research, will speak about galaxies and quasars.

The series, which is aimed at middle and high school students and their families, is sponsored by the MOST and the New York State NASA Space Grant at Cornell University. Any Central New Yorker interested in space is invited to attend.

JumpStart R&D Grants Applications due November 13

The Central New York Technology Development Organization (TDO), the Cornell Center for Materials Research, the Integrated Electronics Engineering Center at Binghamton University and the Center for Future Energy Systems at RPI are joining to help Central New York businesses with the JumpStart Grant program.

JumpStart helps fund and create the initial collaboration between industrial partners and university researchers. Utilizing funds from the New York State Office for Science, Technology and Academic Research (NYSTAR), the program matches cash and in-kind support from company recipients for projects of up to \$15,000 of total value. Project funding covers resources such as faculty and their research staff, facilities services, and materials.

The JumpStart program has a proven record of helping small New York companies. Henry Gysling, director of technology for recipient company AirFlow Catalyst Systems, said, "For smaller start-up companies like us without in-house R&D capabilities, this is a cost effective way to access an outstanding group of materials experts and a broad array of materials synthesis and characterization equipment."

Applications for spring 2007 projects will be accepted through 5 p.m. Nov. 13. For more information, contact Jim Walter or Sue Kuhns at TDO at 425-5144. TDO is NYSTAR's designated Regional Technology Development Center for Central New York.

LEAN manufacturing workshop 7:30 a.m. to 4 p.m. Nov. 14

The Society for Manufacturing Engineers is hosting a six-hour workshop that will delve into the planning and execution of LEAN in daily tasks and projects. Nationally recognized speaker Jamie Flinchbaugh, president of the Lean Learning Center, will present LEAN principles and techniques.

The workshop will be 7:30 a.m. to 4 p.m. Tuesday, Nov. 14 at the Holiday Inn and Conference Center on Electronics Parkway in Liverpool.

The program covers:

- Principles of creating a learning organization, and bringing that to life with The Mouse Trap Experience simulation
- Building a lean culture through lean principles
- Leadership principles to drive lean change, including the tactics of innovation and building the tipping point for a lean culture

The workshop, which includes lunch, costs \$150 for SME members, \$175 nonmembers and \$40 for students. To register, call (315) 592-4327. Payment can be made at the door or by mail at SME Chapter 19, P.O. Box 6685 Teall Station Syracuse, NY 13217-6685.

Nearly 20 years of honoring educators

The Central New York Technology Education Association (CNYTEA) has had a long and beneficial relationship with the Technology Alliance of Central New York (TACNY). Many individuals have been members of both groups and some have held leadership positions in both organizations. Clearly, the strongest connections have been through the Outstanding Teacher Awards Program of TACNY. Many CNYTEA members have received the awards and others have served on the Awards Committee. To date, 24 of the 92 awards (i.e., 26 percent) that have been presented have gone to technology education teachers. Two of them, Earl Billings and Todd Dischinger, have received the award twice.

Written records of the early days of the Outstanding Teacher Awards Program have not been found but the recollections of several individuals who were involved provide some information. The idea of forming the awards program appears to have been first discussed when Al Harvey was president of the Technology Club. An awards committee was formed in 1987. Those who developed the idea and shaped the operating procedures included Thomas LaClair, Louis Ragonese, Steven Tehon, Ray York, and Clem Nadieu. Jack McKissick was one of the Technology Club directors who were especially supportive of the awards program. Initial planning took about one year and the first awards were made in the school year 1988-1989.

Tom LaClair was the first chairman of the committee. Philip Horan, who relinquished the chair when he became president of the Technology Club in 1997, followed him. Gary Rivenburg served as chairman for one year during the span of Phil Horan's service. Vernon Tryon became chairman of the committee in 1997. Louis Ragonese and Steven Tehon have been members of the committee from its inception to the present day.

The awards criteria were especially well formulated by the early committee and have seen very little change over the years. They call for the selection of teachers who:

- Inspire students to pursue study in fields related to mathematics, science, or technology
- Encourage students to demonstrate outstanding academic achievement
- Involve students in co-curricular activities such as mathematics, science, or technology exhibits or competitions
- Serve as role models for students in the responsible use of technology
- Demonstrate active participation in professional development
- Share their expertise and enthusiasm with colleagues

The Technology Club of Syracuse established the Outstanding Teacher Awards Program to recognize extraordinary contributions to the advancement of

mathematics, science, and Technology Education for the elementary and secondary students of the five counties of Central New York State – Cayuga, Cortland, Madison, Onondaga, and Oswego.

From the outset, the Board of Directors wanted the teacher awards to be prestigious. They firmly believed in the direct relationship between high quality teaching in the schools and qualified workers for the region's technology enterprises. Consequently, they decided that there should be both a financial award and plaques for both the teachers and their school districts. The plaques would be presented at one local, public occasion so the community would be made aware of their teachers' good work. The monetary award would be presented at a formal banquet attended by the teachers, administrators, colleagues, family members, Technology Club members, and other interested persons.

Award recipients received a \$500 stipend from the beginning in 1988 through 2006. The TACNY Board of Directors decided to increase the stipends to \$1000 with the 2006-2007 program.

Current information about the Outstanding Teacher Awards Program may be found on the TACNY Web site at: www.tacny.org/teacherawards/2007/index.html.

If anyone can provide additional information about the history of the Outstanding Teacher Awards Program or knows where such information may be found, please inform Vernon Tryon at TeacherAwards@tacny.org.



From a PowerPoint presentation of technology projects by technology teachers at Wellwood Middle School, in Fayetteville.

TACNY is looking for a few good volunteers

At the September 2006 meeting of the TACNY Board of Directors, President Howie Hollander outlined the responsibilities and challenges for each of TACNY's committees. Part of Hollander's purpose was to seek volunteers for each committee, which are not limited to the members of the board of directors.

Nearly every committee needs additional help. If you can help, contact the committee chair through the Web site at www.tacny.org. We need your help to make TACNY stronger!

If you're not sure how you can help, look through this list of TACNY committees to find one that interests you:

Technical Societies Council

Chair: Marc Viggiano, second vice president

Council is made up of representatives of Central NY chapters of technical/professional societies. The Technical Societies Council will help to facilitate programs of mutual interest to all; for example, the annual Celebration of Technology banquet. Additionally, the Council should seek cooperative programming, communications, and other benefits to the Council member organizations.

Finance Committee

Chair: Bill Busher, treasurer

The Finance Committee is responsible for setting financial direction, and monitoring the finances of TACNY.

Nominating Committee

Chair: Al Brandenburg, immediate past president

The Nominating Committee is responsible for presenting a slate of director and officer nominees for election by the Board.

Program Committee

Chair: Mary Reidy, first vice president

The Program Committee is responsible for meeting the requirements of the Sweet grant by sponsoring or co-sponsoring at least six events – lectures, tours, etc. – that are open to the general public at no cost. The Program Committee will also sponsor the annual Celebration of Technology banquet. The Program Committee may present any other programs that help to meet TACNY's mission.

Property Committee

Chair: John Oldfield

The Property Committee is responsible for all actions and recommendations to the Board related to the property owned by TACNY.

Outstanding Teacher Award Committee

Chair: Vern Tryon

The Outstanding Teacher Award Committee is responsible for administering the annual Outstanding Teacher Award program, including the solicitation of nominees, selection of winners, and presentation of the awards to the winners.

Strategic Direction Committee

Chair: Marc Viggiano

Deputy chair: Gwendolyn Maturo

The Strategic Direction Committee is responsible for making long-range strategy recommendations to the TACNY Board.

Communications Committee

Chair: Maria Welych

The Communications Committee is responsible for TACNY's "public face," including the Technologist newsletter, tacny.org Web page, press releases, etc., as well as TACNY branding, marketing and public relations.

Membership Committee

Chair: Open

The Membership Committee is responsible for defining the different classes of TACNY membership, making dues recommendations, soliciting new members, maintaining the member mailing lists, etc.

Governance Committee

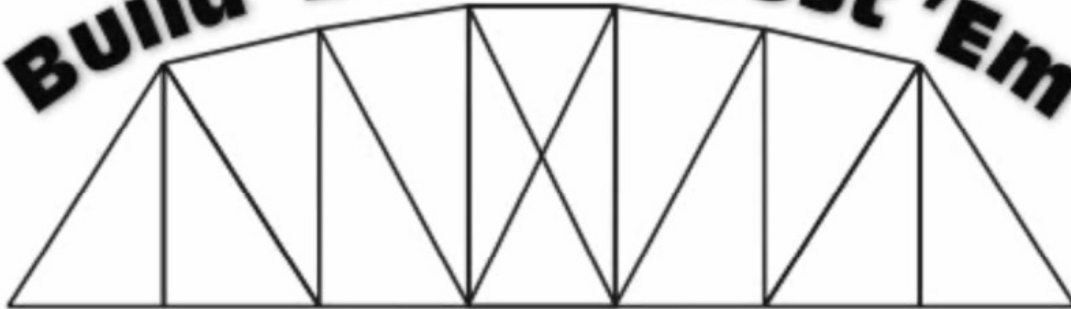
Chair: Steve Karon

The Governance Committee is responsible for keeping the by-laws up to date and compliant with New York state rules for non-profit organizations.



TEST YOUR ABILITY IN ECONOMICS, TEAMWORK AND DESIGN

Build 'Em and Bust 'Em



Bridge Building Contest

Saturday, November 18, 2006

8:30 AM – 1 PM

at the

MILTON J. RUBENSTEIN **MUSEUM OF SCIENCE & TECHNOLOGY**

ARMORY SQUARE, DOWNTOWN SYRACUSE

Teams of two-to-three students from grades 4 through 12 are eligible. The contest includes three levels of participation.

CATEGORY 1 (grades 4-6) teams will design and build a bridge.

CATEGORY 2 (grades 7-8) and **CATEGORY 3** (grades 9-12) teams will design and build a bridge and/or a crane.

Pick up required materials at the MOST after you register. Once you receive your materials, you will build and test your bridge and/or crane for strength and durability. On Saturday, November 18, faculty, staff and students of Syracuse University's College of Engineering & Computer Science and other sponsor members will weigh and test your structure. Prizes will be awarded to winners in each category.

Register Your Team at
www.most.org/registrations

For more information,
contact Peter Plumley at pplumley@most.org
or 315.425.9068 x2163

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November 2006 Technologist
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The **Technologist** is published monthly except July and August by the Technology Alliance of Central New York. P.O. BOX 196 SYRACUSE, N.Y. 13201. Cost is included in dues for each member of the affiliated club sections. Please send address changes to the affiliate organizations.

Deadline for **Technologist** submissions is the 17th of each month.

Technologist Advertising Rates

Single Issue Prices:

Full Page - \$150 Half Page - \$100
Quarter Page -\$75 Business Card - \$40

Ten Issue Price (annual subscription)

Full Page -\$900 Half Page - \$600
Quarter Page \$400 Business Card -\$200

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