

Technologist

Includes information for the Syracuse Sections of the IEEE and the NSPE

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 | Ron Westbrook | Pres. | 474-7371 |
| 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 |
| ISMC - 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. 8 No 10

June 2006

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



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Syracuse Section • Syracuse, New York



Technologist

IEEE-USA PRESIDENT URGES CONCERTED, SUSTAINED ACTION ON ADOPTION OF "NEW INTERNET"

WASHINGTON (24 May 2006) -- Just as "visionaries" of the Age of Enlightenment in 18th century Europe pursued progress through rationality, the 21st Century's "New Internet" will "benefit the public good by balancing the needs of users and society," according to Dr. Ralph W.

Wyndrum, Jr., IEEE-USA's 2006 President. Delivering a keynote address on 19 May to some 125 attendees at the Federal IPv6 Summit in Reston, Va., Wyndrum praised the development of the new Internet Protocol (IP) that will exponentially increase the number of assignable IP addresses on the Web. He cited advantages of the new protocol, known as IPv6, including these: simplified mobility, reduced network administration costs, and improved overall network efficiency.

The IEEE-USA president projected that IPv6 could lead to new jobs and serve as a stepping stone for the next "killer Web application." He cited as examples "Internet on demand" and "the development of new consumer devices," including appliances that can be controlled on the Web. According to Wyndrum, IPv6 "allows every device to have its own unique identity"; and the new protocol will allow for immediate notification each time personal bank accounts are charged, helping to transform e-commerce and online banking.

The IEEE-USA president noted that IPv6 is now a global product and other nations "are hard at work transforming the new Internet." He stressed that the United States must lead in setting standards for the new protocol. Wyndrum stated that the IEEE's "Standard for Wireless Access in Vehicular Environments" takes advantage of the enlarged spaced offered by IPv6, and that the new technology is important "to many of the IEEE's standards projects -- one we're open to exploring further."

With a recent Frost & Sullivan study projection that the Internet will exhaust the old protocol's -- IPv4 -- addresses by 2012, the IEEE-USA president called for a concerted and orderly transition to the new protocol. He pointed to the U.S. Office of Management and Budget mandate that all federal networks must be able to send and receive IPv6 packets by mid-2008, and that Lucent estimates it will need three more years -- until 2009 -- to convert its customer mobility applications to support IPv6.

Wyndrum concluded with another historical reference to the development of the telephone by one of the first IEEE members, Alexander Graham Bell. He contrasted Bell's almost accidental discovery while working on a hearing device for the deaf with the development of the new Internet. The IEEE-USA president said the new technology will "not be the product of a single person, organization or politician -- nor luck or serendipity," but will require a sustained, collaborative effort. For more information on the IPv6 summit, go to <http://www.usipv6.com/>.

IEEE-USA advances the public good and promotes the careers and public-policy interests of more than 220,000 engineers, scientists and allied professionals who are U.S. members of the IEEE. IEEE-USA is part of the IEEE, the world's largest technical professional society with 360,000 members in 150 countries. For more information, go to <http://www.ieeeusa.org>.

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

IEEE

CONTACT INFORMATION

IEEE Operations Center
<http://www.ieee.org>
 445 Hoes Lane
 Piscataway NJ 08855-0331

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:

Message from the Chair – Mike Hayes, P.E.

Our own **Don Herres, P.E.** was selected as the **2006 Engineer of the Year**. Don has held many different offices in IEEE at the local, regional, and national level and is well-deserving of this award. The award was presented at the Celebration of Technology Banquet last month.

The IEEE Radar Conference that we co-sponsored was a great success. Well over 300 people from all over the world attended.

We are joining the Rochester Section for a dinner meeting at Belhurst Castle in Geneva, NY on Sunday, June 11, 2006. We will have a presentation by Russell Harrison, IEEE-USA Legislative Representative, Grassroots Activities, about Congressional issues of interest to engineers. The cost will be \$20 per person for members and guests, which is significantly less than the actual cost. Belhurst Castle is a beautiful, historic building, and the food is good as well. The event will start at 5 PM, but you might want to arrive early to walk the grounds or do some sight-seeing in Geneva. There will also be information on Rochester's web and at this URL: www.r1.ieee.org/~roch/ad06. Please sign up using Rochester's web site. There is more information about the facility at <http://www.belhurstcastle.com>.

We will begin with a reception and cash bar from 5:00 to 6:00 PM. Dinner choices are Slow Roasted Beef Tenderloin Au Poivre, Boneless half Roast Duckling a l'Orange, or Season Fresh Vegetables and Herbs with Cheese Sauce. Salad and desert are included. After dinner, Mr. Harrison will highlight the key legislative issues for engineering education, careers, and business. Dinner Prices: IEEE Members and spouse or guest are \$20 each, non-members \$35 each.

The Syracuse Section is hosting the IEEE Region 1 Board of Governors Meeting & Officer Training at the Sheraton University from August 18 ~ 20, 2006. This conference is aimed at Section officers, but is open to anyone. Please contact me if you're interested. We'll post details on the web site as they become available. I will also send an e-notice before the event.

Please feel free to contact me if you have any comments, suggestions, or ideas for getting our young people interested in technology and for fall programs at m.hayes@ieee.org or (315) 455-2000 (days) or (315) 468-0182 (home).

Have fun this summer!



Institute of Electrical and Electronics Engineers



Syracuse Section - Syracuse, New York

IEEE/LM MEETING NOTICE

Institute of Electrical & Electronic Engineers, Syracuse Section IEEE – all Life & Section Members, Spouses & Guests

When: Tuesday, June 20, 2006

Topic: Tour of Syracuse Research Corporation

Tour Leaders: Don McPhearson, SRC & Clayton Roberts, LM.

Meeting Place/Time: We will meet at the Syracuse Business Center (1201 East Fayette Street) and drive over to Syracuse Research, either in your own car or by car pool (gas saving !). Come at 9:30 AM if you want coffee/tea & conversation as we will be leaving at 10 AM for SRC.

***About SRC:** Syracuse Research is a not-for-profit corporation that researches and develops products and services in the public's interest. The company was founded in 1957 by Syracuse University to be the bridge between research in university labs and the marketplace. Initially called SURC, for the University connection, the offices and laboratories were in temporary housing off Colvin Street and a move was made to Skytop after the completion of a new building about 1965. More recently, and in recognition of an independent status for SRC, a move was made to an excellent building near Northern Boulevard.*

According to the company newsletter, The SRC Innovator, the current projects include: a Light-weight Counter Mortar Radar (LCMR), deemed by the Army as one of their top ten inventions of the year; a modern SIGINT collection, exploitation and management project which uses modern technology to enhance sigint collection and analysis; an advanced digital radar study for White Sands Missile Range (WSMR), also a prototype Multi-static receiver for WSMR to improve track accuracy; to design, build, and demonstrate three portable, sense-through-the-wall radars; to design, build, integrate and test a unique airborne radar system with foliage penetration capabilities and many other projects

Register: You must call (or e-mail) me by Monday, June 19, 2006 to get your name on the attendance list.

CALL: George Kirkpatrick 458-0082 (this line has a recorder) OR e-mail: georgekirk@ieee.org

| Date | Time | Sponsor | Location | Topic | Contact |
|-------------|-------------|---|---|---|--|
| June 11 | 5:00 PM | IEEE Syracuse & Rochester Sections | Belhurst Castle, 4069 Route 14 South, Geneva, NY 14456 (315) 781-0201 | Social meeting & IEEE-USA presentation by Russell Harrison, Congressional Issues of Interest to Engineers | Mike Hayes, 455-2000 m.hayes@ieee.org or mhayes@cscos.com |
| Aug 18 ~ 20 | 8:00 AM | IEEE Region 1, hosted by Syracuse Section | Sheraton Syracuse University, 801 University Ave | Regional Board of Governors Meeting & Officer Training | Don Herres d.herres@ieee.org |
| Nov 6 | 8:00 AM | IEEE, NSPE, ASCE, ASME, SFPE | Holiday Inn, Electronics Pkwy & 7 th North St., Liverpool | Various. 5 parallel tracks with 6 PDHs available for NY PEs | Mike Hayes, 455-2000 m.hayes@ieee.org or mhayes@cscos.com |



IEEE Rochester Section Annual Dinner

Joined By

IEEE Syracuse Section

- Topic:** Congressional Issues of Interest to Engineers
- Speaker:** Russell Harrison, IEEE-USA Legislative Representative, Grassroots Activities
- Location:** Belhurst Castle
4069 Route 14 South
Geneva, NY 14456
(315) 781-0201
<http://www.belhurstcastle.com>
- Date:** Sunday, June 11, 2006
- Time:** 5:00 PM – Dinner
- Presentation:** After dinner
- Cost:** \$20
- Reservations:** www.r1.ieee.org/~roch/ad06

Russell Harrison is IEEE-USA's Legislative Representative for Grassroots Activities. In this position, he is responsible for helping members of IEEE-USA interact with, and ultimately influence, elected officials. Prior to IEEE-USA, Russell directed grassroots programs at the Institute of Scrap Recycling Industries and the American Iron and Steel Institute. In these positions he also raised over \$300,000 in campaign contributions through the associations' political action committees. He has also represented the recycling and steel industries on Capitol Hill and in state capitols on a variety of issues as a professional lobbyist. Russell has a B.A. in Political Science, with minors in History and Communication, from Allegheny College, and a Masters in Public Policy from the University of Maryland.

We will also have a chance meet and socialize with our counterparts from Rochester in a beautiful setting. We'll have more information in next month's newsletter, but please mark your calendar now.

Please feel free to contact me if you have any questions at 455-2000 (days) or 468-0182 (home), email m.hayes@ieee.org.

CENTRAL CHAPTER NY STATE SOCIETY OF PROFESSIONAL ENGINEERS

NEWSLETTER

MAY 2006

President's Message - Mike Hayes, PE

Well, I survived the Mini-Expo and Celebration of Technology Banquet, both on May 15, just barely. We had about 100 people attend the Mini-Expo and about 190 attended the Banquet. On behalf of our Chapter, I had the honor of presenting \$1000 Scholastic Achievement Awards at the Banquet to two really outstanding high school seniors who plan to study engineering: Patricia Hurd, Manlius Pebble Hill and Christopher Wheeler, Cazenovia.

We probably won't do a Mini-Expo again next year. It took almost as much work as the full-day Expo, and I don't want to burn out the volunteers who do such a great job organizing these events. We will definitely continue with the all-day Expo once a year. The next CNY Engineering Expo is on Monday, November 6, 2006 at the Holiday Inn in Liverpool.

As I write this, we haven't nailed down the details for our June 06 "PDH lunch". We do plan to have one. Please check our web site, [WWW.CNYPE.ORG](http://www.cnype.org) for the details.

This will be our last newsletter until September. I hope all of you enjoy the summer.

NYS APPROVED PDHs - Mike Hayes, PE

I am often asked if this, that, or the other thing qualifies for a PDH. It turns out the New York is stricter than most other states about what qualifies for continuing education credits. What qualifies in other states often does NOT qualify in NY. As a general rule, the sponsoring organization, the presenter, AND the topic all must be approved. It's the last item (topic) that seems to cause the most confusion. Here's the NY State Education Department's position, which I copied from their web site.

"18. What are appropriate subjects for continuing education?"

Not all courses and educational activities offered by an approved sponsor are acceptable for continuing education credit in New York State. Courses and educational activities must contribute to the professional practice of professional engineering or land surveying. The subject matter of the course or educational activity must be related to professional practice. Subject areas that are not so related, such as, risk management, limiting the design professional's liability, project management related to profitability and maximizing fees, marketing and public relations, insurance, laws related to arbitration, mediation, liens (unless they related to safeguarding the health, safety, and welfare of the public), real estate, real estate development, expanding a design professional's business, basic Auto CAD, personal development, general office management, accounting/financial planning, succession planning, zoning as it relates to increasing a developer or engineer/land surveyor's profitability, design build (unless it includes information on the laws related to design build and its limitations in New York State) are non-acceptable subjects.

Service on Boards and/or professional committees, and active participation in technical and/or professional organizations are not eligible for continuing education credit.

Acceptable subjects may include:

Professional Engineering: aerospace engineering, agricultural engineering, architectural engineering, bioengineering, ceramic engineering, chemical engineering, civil engineering, construction engineering, control systems engineering, electrical/computer engineering, environmental engineering, fire protection engineering, geological engineering, industrial engineering, manufacturing engineering, mechanical engineering, materials/metallurgical engineering, mining/mineral engineering, naval architecture/marine engineering, nuclear/radiological engineering, ocean engineering, petroleum engineering, structural engineering, systems engineering, architecture, land surveying; or other matters of law and/or ethics which contribute to the professional practice in engineering and the health, safety, and/or welfare of the public; and in other topics which contribute to the professional practice of engineering as such practice is defined in section 7201 of the Education Law.”

Our web site includes information received from Kelly Norris, NYSSPE Executive Director. The key point is that not all presentations the NSPE (and other organizations, such as ASCE) will qualify for a PDH for New York PEs. This was in response to a question about some of the presentations NSPE is offering at the National Conference in Boston that are advertised as offering PDHs.

“NSPE assigns PDHs to all courses according to the NCEES Model for Continuing Education. New York does not follow the NCEES Model in its entirety, so if you are looking for credits for NYS, you need to be sure that it is being offered by an approved sponsor of continuing education in NYS, and **you have to be sure that the content of the course is appropriate in NYS**. For example, IACET is an approved sponsor and they offer PDHs for a course that contains no technical content, therefore that particular course is not acceptable for NYS credit, even though they are an approved sponsor.”

How can you know if a presentation is approved for NY PDHs? Unfortunately, the only way to be reasonably certain is if the advertising/announcement **specifically states** the presentation is approved for **NY PEs**.

I guess because my name is on our web site, I get a lot of questions from people about PDHs, including some from PEs who have NY licenses who live outside of NY. It is obviously much more difficult to get PDHs acceptable to NY if you don't live in NY. So, what can you do if you move out of NY and want to maintain an active license. I can think of three ways:

- Take on-line courses advertised as approved for NY PEs
- Take qualifying courses from an approved IACET provider (such as IEEE and ASCE)
- Take engineering courses from an ABET or NY Regents accredited college or university

Here's what NYSED says about on-line courses (item 1 above):

“20. Are courses limited to a traditional "classroom setting" in which I am in the same room with the instructor?”

No, however you must be able to interact with the instructor. Examples include: a live lecture, a course in which you and the other practitioners discuss a taped presentation assistance; a computerized course in which

you are able to interact directly with the instructor. On the other hand, a televised lecture with no means of direct interaction would not be acceptable as a live course even if it were a live telecast.” My comment: the course material must cover an approved topic.

Regarding item 2 above: There are many IACET approved providers. However, not all IACET approved courses will qualify for NY PDHs. Even the ones that will often will not advertise that fact, especially if the provider is not in NY. In this case, you’d have to use your judgment. If the course subject matter is clearly on the topic list above, the credits you receive will meet SED requirements. For example, I got a course I planned to teach about National Electrical Code requirements for motor circuits approved by IEEE in 2001 or 2002 for CEUs. IEEE is an IACET provider, and the course material clearly covered an electrical engineering and public safety topic. That course would have qualified for NY PDHs. Unfortunately, not all courses will be this clear cut; you’ll have to use your judgment in that situation.

For item 3, the main thing you need to make sure of is that the course is part of the ABET approved engineering curriculum if it’s an out of NY State college or university.

Finally, here’s what SED says about record keeping. Again, this is a direct quote from their web site.

“22. What records will I have to keep?”

Sponsors must provide a Certificate of Completion to licensees who completed courses or educational activities for continuing education credit. The information on each course or educational activity should be retained in your records for six years from the date of completion.

A Certificate of Completion should include the following information:

- title of the course or program, subject area, and any identification number assigned to it by the sponsor
- number of hours completed
- the sponsor's name and any identifying number
- verification by the sponsor of your attendance
- the date and location of the course or activity”

We will post more current information on the website, www.cnype.org, as it becomes available.

CALENDER

| Date/Time | Topic | Speaker | Location | Cost | Info/Contact |
|-----------|------------------------|------------------------------|---|------|--|
| 6/13/06 | TBD | TBD | TBD | TBD | Sixth in series of "PDH" luncheons. Date is tentative. |
| 9/19/06 | TBD | TBD | TBD | | Seventh in series of "PDH" luncheons. Date is tentative. |
| Oct 06 | Getting Licensed in NY | Jane Blair, P.E. (tentative) | Syracuse University., Link Hall, Room 369 (tentative) | TBD | Mike Hayes, PE, 455-2000, mhayes@cscos.com. |
| 10/17/06 | TBD | TBD | TBD | | Eighth in series of "PDH" luncheons. Date is tentative. |
| 11/6/06 | Various | Various | Holiday Inn, Liverpool | TBD | 2006 CNY Engineering Expo 6 PDHs . |

WEBSITE

There are a number of events, schedules and dates in this newsletter. Unfortunately the slowness of the printed word keeps it at least 3 weeks behind your receipt. To keep current right up to the event, go to our website at <http://www.cnype.org> . The site is as up to date as we can make it. **Check it today for current EXPO schedule and registration forms.**

BOARD OF DIRECTORS MEETINGS

NSPE members are most cordially invited to attend all board meetings. Those wishing to attend should contact Mike Hayes: (315) 455-2000 ext. 4384; mhayes@cscos.com to confirm time and date.

SCHOLARSHIPS

Each year the Central New York Chapter of the New York State Society of Professional Engineers (CNYSSPE) awards scholarships to worthy High School Seniors who will be going to college in an engineering or technical discipline. These young people are judged by an impartial algorithm based on their academic background, scholastic achievements and SAT scores. We are actively soliciting donations from local firms and individuals to support the scholarship fund. Public attribution and appreciation will be publicly expressed in all news releases, The Technologist newsletter and at the annual "Celebration of Technology" dinner. For additional information please contact Carl Fahrenkrug, carl-f@microwavefilter.com, 438 4722

Thank you in advance for your generosity. Together we can encourage more Central New York young people to choose engineering as a career. Your donation check should be made out to the CNYSSPE Scholarship Fund and sent to:

CNYSSPE c/o Microwave Filter Company, Inc.
6743 Kinne Street
East Syracuse, New York 13057
ATTN: Nancy Young

THANK YOU

We continue to seek donations for your Chapter's Scholarship Fund. The fund is supported by contributions from firms and individuals who take an active interest in the future of our profession. Current contributors include:

- • Associated Builders & Contractors
- • Blasland, Bouck and Lee
- • C&S Engineers Inc.
- • Clough Harbour
- • Klepper Hahn & Hyatt, PC
- • Microwave Filter
- • Ram-Tech
- • Stearns & Wheler
- • Syracuse Research Corporation.
- • Syracuse Thermal Products
- • Watkins Environmental Sciences, P.E., P.C.

Officers 2005-2006

| | | |
|------------------------------|-----------------------|----------|
| President | Howie Hollander | 456-6287 |
| First Vice President | Mary Reidy P.E. | 428-5326 |
| Second Vice President | Michael R. Hayes P.E. | 455-2000 |
| Secretary | Michael Masingale | 445-4108 |
| Treasurer | Susan Weaver P.E. | 457-5200 |
| Past President | Albert A. Brandenburg | 234-3725 |
| Technologist Editor | William Busher | 434-1242 |
| Web Page Editor | Marjory Baruch | 637-0033 |
| Teacher Awards Chair | Dr. Vernon A. Tryon | 343-9692 |

Email Contact Information

Emails addressed per the following list will automatically be forwarded to the appropriate officer or committee person:

- president@acny.org
- programs@acny.org
- technicalsocieties@acny.org
- secretary@acny.org
- treasurer@acny.org
- pastpresident@acny.org
- membershi p@acny.org
- technologist@acny.org
- webmaster@acny.org
- teacherawards@acny.org
- jr.cafe@acny.org

Website of the Month

<http://www.zillow.com/>



House Hunting?

Zillow.com is a free online real estate service dedicated to helping you get an edge in real estate by providing you with valuable tools and information. Assesed valuation, lot and home square footage, and much more to assist you in finding that dream home.

President's Message

And the winner is ...

May was a very exciting month, as the Technology Alliance of CNY first honored five Outstanding Teacher Award winners, and then followed up with a very successful Eighth Annual Celebration of Technology Banquet.

Most of us don't come to work each day with the hope and/or expectation of snagging an award or other recognition for our work. That just isn't the technologist's way. Typically, our reward comes from taking a great idea and turning it into an even greater reality, whether making pictures of the far reaches of the solar system accessible to all (check out the TACNY sponsored ViewSpace exhibit at the MOST), or sending a graduating high school student on to engineering school.

However, our awards celebrations are meant to take that exhilaration even further, propelling the recipients into the limelight, at least for one night. All our winners have made significant contributions that deserve to be shared with all. Congratulations to all of the 2006 TACNY award winners!

If you are interested in working on either of our awards committees, drop me a note at hollander@tacny.org. Thanks.



[See TACNY calendar: www.tacny.org]

Gwendolyn Maturo Education Leader of the Year

The Technology Alliance of Central New York (TACNY, www.tacny.org) is proud to announce the selection of Ms. Gwendolyn Maturo as Partners for Education and Business Inc.'s Education Leader of the Year. Ms. Maturo was nominated by TACNY for her efforts in establishing the Junior Café Scientifique program. The program, held the third Saturday of each month, is sponsored by TACNY and hosted by the Milton J. Rubenstein Museum of Science and Technology (MOST, www.most.org). It is geared toward middle school students, but all are welcome to attend, and to stay and visit the MOST at the conclusion of the program. Visit the TACNY calendar (www.tacny.org/calendar/) for dates and times.

The mission of Partners for Education & Business, Inc. is to assure the quality of education and the economic vitality of Central New York by promoting, developing and coordinating the involvement of schools, post-secondary institutions, businesses, employers, government and the community to enable our students to become productive, responsible and contributing members of our community.

Junior Café Scientifique Saturday, June 17, 2006 , 9:30 – 11:00

- *will there be enough gas for your car?*

Rick Beal, Ph.D., Associate Director of Educational Outreach at SUNY College of Educational Outreach, will present the concept of Peak Oil and the effect of oil depletion on society.

Sponsored by TACNY, the program is modeled after the International Café Scientifique, a community that fosters debate about scientific issues. The junior version involves a guest speaker who gives a presentation on a current science topic and then invites the children to ask questions or discuss the topic further. Not only is it a way to get the children thinking about math and the sciences, but also parents are invited to join their children as they explore the world around them.

For more information and to register, call the MOST at 315-425-9068, ext. 2121. For a full calendar of TACNY events, visit www.tacny.org.

Age Level: Middle and high school students and their parents/guardians

Cost: Free (every 3rd Saturday through the summer!)

18th Annual Teacher Awards Dinner

The 18th annual TACNY Teacher of the Year award banquet was held on May 5th at the Ramada Inn on Buckley Rd.

The teachers were introduced by members of the committee and presented with checks for \$500 by TACNY President Howie Hollander.

TACNY established the teacher awards program for the advancement of mathematics, science and technology education in the elementary and secondary schools serving the students in Cayuga, Cortland, Madison, Onondaga and Oswego counties.



TACNY 2006 Outstanding Teachers

Vern Tryon (TACNY Teacher Award Committee Chair),
Gwendolyn Maturo (Lincoln Middle School, Syracuse), Drew
Deapo II (Ramsdell Elementary School, Jordan) , Dina Kushnir
(Fayetteville-Manlius High School), Scott Stagnitta (Skaneateles
Middle School), Joseph Pesce (Solvay Middle School), Howie
Hollander

Start thinking
about nominations
for 2007!

HMT, INC.

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officemngr@hmt-electric.com

Mail to: **PO Box 1957 Cicero, NY 13039**

HMT, Inc. is the InterNational Electrical Testing
Association member firm in CNY

Lecture at OCC June 21st



Speaker: Stephen Barrett, M.D.
Author, consumer advocate, and founder of
Quackwatch.com

Topic: Current Trends in Quackery

Place: Whitney Building Auditorium, OCC Campus

Date: Wednesday, June 21st, 2006

Time: 7:00 p.m.

Sponsored by the Syracuse Section of the American Society for Quality, the Technology Alliance of Central New York, and CNY Skeptics.

Lockheed Martin Top Choice for Engineering Students

The Universum study, conducted annually since 1999, polled more than 37,000 students at 207 leading universities, including 7,642 engineering majors. **Lockheed Martin** ranked number one. Other companies in the top 10 include Boeing, General Electric, BMW, Walt Disney and Google. In the survey, students not only rank their top companies and industries but also answer questions regarding salary and benefit expectations; career goals; and decision drivers.

According to Universum, **Lockheed Martin's** success in the survey is directly attributable to the emphasis placed on developing one-on-one relationships with students, faculty and career services. "Students have always been impressed with **Lockheed Martin's** commitment to diversity and social responsibility. The company is well known for its charitable contributions and strong values," said Claudia Tattanelli, CEO of Universum Communications (PR Newswire 05/15/06)

Quackwatch, Inc. is a nonprofit corporation whose purpose is to combat health-related frauds, myths and fads. Its primary focus is on quackery-related and fallacies information that is difficult or impossible to get elsewhere.

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TACNY Holds 8th Annual Celebration of Technology Awards Dinner



Keynote speaker Dr. Warren Allmon, Emcee Dave Eichorn
and TACNY President Howie Hollander



The Holiday Inn & Convention Center on Electronics Parkway in Liverpool was the setting for the eighth annual TACNY Celebration of Technology Awards Banquet.

Exhibits from local technology companies and professional organizations were set up prior to the dinner for viewing by the attendees. Prior to the dinner, Bill Busher identified ten former Chairs of the Syracuse Section of the American Society for Quality, invited to the banquet in recognition of the 60th anniversary of the section (and ASQ National).

Emcee Dave Eichorn, NewsChannel 9 Chief Meteorologist, announced the following awards:

- Technologist of the Year Byron - Tietjen
- Engineer of the Year - Donald Herres
- Young Technologist of the Year - Benjamin Greenblatt
- Lifetime Achievement Award - Clement Nadeau
- College Educator of the Year - Thomas Kubicki
- Technology Company of the Year - Syracuse Research
- Technology Project of the Year - Enable Court St. Facility
- Science and Technology Outreach Special Award – Café Scientifique and Café Scientifique Jr.

The keynote speaker was Dr. Warren A. Allmon, Director of the Museum of the Earth in Ithaca. His talk entitled "Creationism vs Evolution – What You Need To Know," centered on what is and what is not science, and the dangers to technology and science education resulting from efforts to infuse pseudo or non-sciences into the science curriculum.



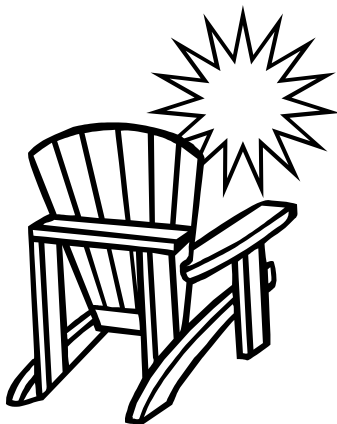
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