

NEW YORK STATE ENGINEERING TECHNOLOGY ASSOCIATION

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WWW.NYSETA.ORG



Fall 2005 NEWSLETTER

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**The NYSETA Fall '05
Conference
at
Vermont Technical College
October 20th and 21st**



About the Coming Fall 2005 Conference at Vermont Technical College

By Kenneth Vandermark, Conference Chair

The NYSETA Fall 2005 Conference will be hosted by the **Vermont Technical College** in **Randolph Center, VT**. Lodging will be at the nearby Hilltop Inn, in nearby Barre, VT.

Vermont Technical College is the only Vermont school offering degrees in engineering technology. The college's roots are in agriculture, and it still milks 75 Holsteins. Technical education was added in 1957 and the school has continued to grow through its outreach programs and collaborations with industry.

The Hilltop Inn, in Barre VT, is providing hotel rooms at a special NYSETA rate of \$70 per night. Please call them by October 1st at: (877) 609-0003

Thursday's events will be on campus, beginning with a breakfast in Old Dorm Lounge. Area and regional equipment manufacturers, as well as, text and software publishers will meet with the conferencees in a campus gathering area. Each exhibitor will have a display table with examples of their latest technological offerings and instruction goods.

Instead of the normal conference brunch, three full meals will be served on campus, on Thursday. The Thursday evening meal will include a networking hour.

Plenary Session:

Renewable Energy - The Plenary Session will be presented by a representative from Northern Power Systems. NPS provides wind, sunlight, hydrogen, biogas, natural gas, and energy solutions world-wide.

Retention Efforts -The Renewable Energy presentation will be followed by a group of faculty, students, and administrators discussing campus retention efforts. Weekly FSE meetings, probation mentors, writing center, in-dorm tutoring, and other efforts along with a new Associate Dean of Retention have helped our numbers quite a bit.

Interest Group Sessions:

Interest group lectures will follow the plenary session. Conference members are free to attend any session in which they are interested and visit exhibition area between lectures. The tentative schedule of lectures follows:

Architectural/Civil/Construction Engineering Technology:

- Future Trends in building engineering and architecture,
- LEEDs Certification, and,
- Departmental presentations.

Electrical/Computer Engineering Technology:

- Microcontroller boards constructed by students for use in several classes, and,
- LED lighting, and,
- Job opportunities in the renewable energy field.



About the coming Fall 2005 Conference at VTC – continued

Mechanical Engineering Technology:

- Rapid prototyping (3-D printer),
- Designing a new program, and,
- A VTC alternative Energy Club presentation on an electric vehicle and the college windmill.

The Friday breakfast and general membership meeting will be at Suzanna's Restaurant, adjacent to the Hilltop Inn, with tours to follow

Lodging is available at the Hilltop Inn, Barre for \$70/night; please call by October 1st. – mention you are with NYSETA. (877) 609-0003

Guest Activities:

Information will be available at both the Hilltop Inn and VTC for self guided tours to the Vermont State House in Montpelier, the Ben & Jerry's plant in Waterbury, and the Morse (Maple Sugaring) Farm in Montpelier.

Conference Fees:

The conference registration fee for NYSETA members is ninety-five dollars (\$95 US) if postmarked by 10/6. Non-members are invited to join the NYETA (a *bargain* at \$10/yr), and pay the member price for the conference.

The conference fee for members registering after 10/6, and non-members is one hundred and five dollars (\$105 US). Walk-ins are very welcomed. Retired and emeritus NYSETA member can attend for forty dollars (\$40 US). A guest to the Thursday night networking hour and meal is forty dollars (\$40 US).

For more information or suggestions contact:

Ken Vandermark,

Vermont Technical College
P.O. Box 500
Randolph Center, VT 05061

W: (802) 728-1286,

E: kvanderm@vtc.edu

BTW - Other recent goings on at Vermont Technical College:

A New Campus - VTC has purchased the previously rented buildings at Taft's Corners in Williston, Vermont and is currently offering the electrical and computer engineering technology programs there as well as business, dental hygiene, nursing, respiratory therapy, and the new IS & T offerings.

New Programs - The new Computer Information Science and Technology program cluster offers students a range of degree options. Students may earn a bachelor of science or an associate's degree in software engineering or information technology. Within the bachelor's degree programs, students may further concentrate their studies in algorithms, analysis and design, networking, office automation, and web development. Also new are two certificate programs. Individuals seeking to refine or upgrade their technology skills may apply to earn a certificate in office automation or programming.



About the Spring 2005 NYSETA Conference held at RIT

Great Job!! The NYSETA membership and executive committee would like to thank Conference Co-Chairs John Stratton and Steve Ciccarelli, and their many RIT associates, for a super **Spring 2005 NYSETA** conference at RIT.

We would also like to extend our heartfelt thanks to the following exhibitors and patrons also participated and helped support the conference: Agilent Technologies, Armfield Inc., CADimensions Inc., CMS, Feedback Incorporated, Exphil Corporation, GDJ Inc., Lego Education, National Instruments, Pearson-Prentice Hall Publishing, Tech-Ed Systems, and Thomson Publishing.

Carol Richardson, Vice Dean of CAST and Alan Hurwitz, Dean of NTID, welcomed the conference participants to the campus and introduced the plenary speaker, **Dr. Vern Lindberg**. Dr. Lindberg gave a very informative presentation on changing physics instruction from a traditional lab/lecture environment to an active learning environment

Following the plenary session, interest group sessions were presented as follows:

General Interest Sessions:

"Strategies to Improve Retention," a panel presentation and discussion with **Professors Richard Cliver, James Mallory, and David Lawrence**.

"Custom Textbooks: Experiences from a User!" A presentation by **Professor Daniel Johnson**.

"Experience of Co-op Students" - A presentation by a panel of RIT Engineering Technology students who have completed several co-op assignments.

Architectural & Civil Technology Sessions:

"Bridge and Building Analysis under War Conditions" – **Oliver Taylor**, an RIT CET graduate and US Navy Seabee.

"Designing and constructing Green Buildings" – **Ram Shrivastava**, President and CEO, Larsen Associates.

"Design and Progress on the Onondaga Lake Superfund Cleanup" – **Mary Jane Peachy**, NYSDEC, (Syracuse Regional Office).

Electrical Engineering Technology Sessions:

"The Computer Engineering Technology Capstone experience in Embedded Systems" – Professor **Michael Eastman**, RIT.

"Specialized Simulation Tools" including a presentation on a Optical Electronic System Simulator by Professor **Warren Koontz**, and a Digital Systems simulator by Professor **Jeff Little**.

Mechanical Engineering Technology Sessions:

"Packaging Dynamics" by Dr. **Daniel Goodwin**, RIT.

"New Concepts in Statics and Strength Labs" by Professors **James Scudder** and **Phillip Batchelor**.

"Learning with LabVIEW Workshop", by **Monty Hossain**

Joint Electrical/Mechanical Session:

"Education, Industry, & Government Partnerships – The Key to Future Economic Growth and Workforce development in the United States" by **Bill Sicari**, General Manager, Festo Didactic, USA.



About the Spring 2005 NYSETA Conference held at RIT - continued

We were delighted to have the following individuals
in attendance:

Aghayere, Abin - RIT
Alesso, Phil - Alfred State
Alguire, Bryan - Mohawk Valley CC
Amberger, Ron - RIT
Ashman, Al - Erie CC
Bachelor, Phil - RIT
Banks, Walt - RIT
Baran, Jayne - SUNYIT
Bechtold, Charles - Tompkins Cortland CC
Bellinger, Scott - NTID
Campbell, John - Cayuga CC
Castro-Cedeno, Mario - RIT
Ciccarelli, Steve - RIT
Cliver, Rick - RIT
Cochran, Timothy - RIT
Cole, Brad - Corning CC
Darling, Bill - HVCC
DiGiacomo, Gary - Broome CC
Doane, Paula - NTID
Dunn, Todd - RIT
Eastman, Mike - RIT
Easton, Bob - RIT
Fulle, Ron - RIT
Gallagher, Kathleen - Nassau CC
Gaonkar, Ramesh - Onondaga CC
Gellin, Slade - Buffalo State
Glenn, Chance - RIT
Glosser, Albert - Retiree
Goodwin, Dan - RIT
Grinberg, Ilya - Buffalo State
Grosshans, Ray - NTID
Holmes, Marcus - NTID
Hsie, Atlas - SUNYIT
Hunt, David - Alfred State
Hurny, Jim - RIT
Indelicato, Mark - RIT
Ishaq, Naseem - SUNYIT
Johnson, Bill - RIT
Johnson, Dan - RIT
Jonchhe, Yogi - Alfred State
Jones, Dan - SUNYIT
Kassab, Vince - Erie CC
Kennerson, Shawn - Corning CC
Khan, Nawaz - Alfred State
Kleitz, Bill - Tompkins Cortland
Koontz, Warren - RIT
Krispinsky, Dave - RIT

Kukulka, David - Buffalo State
Larsen, Bill - RIT
Lawrence, Dave - NTID
Leonard, Bill - RIT
Licata, Christine - NTID
Lillie, Jeff - RIT
Liu, TiLin - RIT
Loudis, Mike - Morrisville State
Lungren, Carl - RIT
Magee, Ben - NTID
Mallory, Jim - NTID
McCall, Daryl - Kirkwood CC
McCarty, Donovan - Broome CC
McQuay, Sidney - NTID
Merrill, Bob - RIT
Moag, Brian - Erie CC
Moini, Shorhreh - Erie CC
Moore, Bob - Excelsior
Newton, Marguerite - Niagara County CC
Oliver, Mark - Monroe CC
Pawlik, Peter - Buffalo State
Piazza, Tim - Jamestown CC
Pietraszewski, Paul - Erie CC
Qazi, Sala - SUNYIT
Raju, V - Niagara CC
Rezk, Mohamed - SUNYIT
Richardson, Carol - RIT
Rolle, Jo-Ann - Excelsior
Salvo, Carm - SUNYIT
Schoenfeld, Fred - Nassau CC
Scudder, Jim - RIT
Spiecker, Tony - NTID
Straight, Larry - Jamestown CC
Stratton, John - RIT
Stropko, Paul - NTID
Sutherland, George - RIT
Swain, Chuck - RIT
Tezak, Edward - Alfred State
Till, Ron - NTID
Trippe, Tony - RIT
Valentine, Maureen - RIT
Vandermark, Ken - Vermont Tech
Voisinet, Mark - NCCC
Wade, Donald - Nassau CC
Walton, Marsha - FLCC
Waters, Christie - Cayuga CC
Williams, John - Alfred State
Wolcott, Scott - RIT
Young, Tom - RIT
Zadeh, Dariush - Erie CC
Zion, George - RIT
Zorn, Werner - NTID



About the Spring 2005 NYSETA Conference held at RIT- continued

The evening banquet was held at the Park Plaza Hotel. "Product Innovation is an ET Domain" was presented by a panel consisting of RIT Professors Carl Lundgren, and Bill Leonard and several engineering technology students. The educators and their students presented their approach to product development and product realization, showing examples of products which have been developed by student groups at RIT

The Friday Morning NYSETA Business Meeting:

The breakfast business meeting on Friday morning was held at Park Plaza Hotel.

The business meeting was called to order at 8:30 am by President John Campbell. John thanked RIT for hosting an excellent conference. John reminded everyone of the importance to visit the sponsor exhibits.

Secretary Jayne Baran reminded everyone that newsletters will no longer be mailed; instead they will be posted on the web at www.nyseta.org. The deadline for the fall 2006 newsletter submission is September 5. Carmine Salvo and Jayne Baran will be adding to the website important NYSETA documentation: constitution, by-laws, and conference responsibilities.

Vice-President Carmine Salvo noted the following schedule for future conferences and asked everyone to consider hosting a future conference.

Fall '05	Vermont Technical College (Oct 20 th & 21 st),
Spring '06	Excelsior/Hudson Valley,
Fall '06	Farmingdale,

Spring '07	Open, and,
Fall '07	Alfred State.

Treasurer Kathleen Gallagher reported on the current numbers:

The total current balance: \$12,555.70 less
\$2,400 for scholarship = \$10,155.27
The interest earned was \$74.12
The scholarship fund balance: \$3,380.96 less
\$2,400 for scholarships = \$980.96.
Not included in the above numbers is an approximate conference surplus from fall 2004 of \$4,000 from SUNYIT.
Staten Island has asked that they be removed from membership

The interest group chairs presented a summary of the conference presentations and ideas for future conferences.

Fred Schoenfeld from the Scholarship Committee reported on the scholarship results. Eight NYSETA scholarships were awarded:

Jeffrey Bartle, - Buffalo State College,
Patrick Ball, - HVCC,
John Cassano III, - SUNYIT,
Anelese Ashton, - Vaughn College of Aeronautics,
Emmanuel Basile, - NYC Technical College,
Jody Podpora, - RIT,
Claudia Autrey, - Alfred State College, &
Matthew Lang, - Alfred State College.

Bill Darling, a member of the nominating committee presided over the member-at-large nominations. People in the current positions were interested in staying. There were no nominations from the floor. Results of the member-at-large elections were presented:



About the Spring 2005 NYSETA Conference held at RIT - continued

Vincent Kassab, - Erie Community
College
Edward Tezak, - Alfred State College,
and,
Mohamed Rezk, SUNYIT

Big thanks were given to Rochester Institute of
Technology, especially John Stratton, Steve
Ciccarelli and their crew.

The meeting was adjourned at 9:15am for tours
to RIT's new Gordon Field House and RIT's
CIMS and ET Laboratories

A Letter from the President, John Campbell

We have a lot to be thankful for living in New
York and Vermont. After watching the
devastation of hurricane Katrina, we have many
reasons to love New York with the beautiful
weather, the lack of natural disasters, and
NYSETA. I want to thank the many people who
got involved with NYSETA and established this
organization with an open structured
constitution. The founding fathers set the
standard and ideals of this organization.
NYSETA brings the colleges and universities
together on subjects important to us as
technology and engineering educators.
Networking with colleagues, sharing course
ideas, book recommendations, and other
technology challenges is a great reason to get
involved. Technology is always changing and as
an organization we have to stay flexible to
highlight changes in our field. The major benefit
for getting involved is the opportunity to visit the
host colleges and universities and the
surrounding area that host a conference. Please

take the time to attend the conferences that many
of our colleagues work so hard to organize. Take
the opportunity to network and develop
relationships with people in your field of study.
This will assist us in the sharing of ideas in the
ever changing technology and engineering field.
I am active with the local chapters of the Society
of Manufacturing Engineers (SME) and the
Society of Automotive Engineers (SAE) to stay
current in the local technology trends. I am using
materials from all of the organizations I belong
to update my courses in what is going on locally,
state wide, and nationally. Without professional
organizations it is difficult to stay informed on
technology advances.

The last conference at Rochester Institute of
Technology (RIT) was a great success.
Attendance, the vendor area, food, and the
interest group sessions were great. Every
conference we have at RIT seems to somehow
exceed the previous. This is difficult to achieve
but the hard work of John Stratton, Steve
Ciccarelli and their colleagues at RIT
accomplished just that. Steve Ciccarelli stepped
in as conference chair and picked up "the highly
organized pieces" that John Stratton left. John
broke his hip and Steve "did not miss a step".
John's early start on the conference and Steve's
effort to keep up the level of an RIT conference
was the difference in this highly successful
conference. Other highlights included the
student projects presented at the dinner Thursday
night and the tour of the laboratory facilities on
Friday. The tour of the laboratory facilities at
RIT is always a highlight to see some great
technology in action. The telecommunications
labs, packaging, materials, electrical,
mechanical, manufacturing, and computer
integrated manufacturing facilities are special at
RIT. This tour seemed very "James Bond like"
with the special projects like planes, fuel cell
cars, and Hummers were impressive to see in a
college laboratory. The tour capped an excellent



A Letter from the President– cont'd

conference. Not to mention the free \$70,000 Hummer we all received at the end of the tour on Friday. If you did not receive your vehicle yet contact Steve at RIT. Just kidding, no one can afford the gas anyways.

The next conference at Vermont Technical College will offer the opportunity to see a beautiful campus with a peaceful view. The conference is expected to offer sessions on program retention, renewable energy, rapid prototyping, trends in building engineering and architecture, and more. The plenary session on Renewable Energy and diverse interest group topics could not come at a better time with oil, gas, and natural gas prices being what they are today. The timely topics and the Vermont campus put this conference on my calendar. That is assuming we can afford the gas prices in a few weeks. I hope to see everyone at Vermont Technical College.

Sincerely,

John Campbell
NYSETA President

A Letter from the Vice-President, Carmine Salvo

Upcoming Conference: Our Fall 2005 Conference is at Vermont Tech on October 20-21. Ken Vandermark has the conference announcement, hotel information, registration forms and directions posted on the web via a link on the NYSETA webpage at <http://www.nyseta.org>. Since most conference participants are likely to arrive Wednesday night, Ken and his colleagues at Vermont Tech have scheduled an earlier-than-usual plenary session on Thursday morning regarding Retention

Efforts at Vermont Tech. A number of the technical sessions are related to timely energy related issues and student projects.

Future Conferences: The Spring 2006 Conference will a joint meeting hosted by Hudson Valley Community College and Excelsior College. Bob Moore, formerly of NTID is now affiliated with Excelsior. Excelsior is unique in that it doesn't have a traditional campus. He and Bill Darling of HVCC agreed to a joint meeting that would provide an opportunity for a unique conference in the Albany/Troy area.

If you and your institution would like to host a conference, I will be most happy to assist you in any way I can. If you wish to have a conference at a time already planned for another host, I will attempt negotiating changes to fit in volunteers. I can be reached at carm@sunyit.edu or carmine@usadatanet.net.

Spring 2006
Fall 2006
Spring 2007
Fall 2007

Excelsior/HVCC
Farmingdale
?
Alfred State

Communications: To facilitate easy communications a number of new listservers have been setup:

etagen@list.sunyit.edu currently with 134 subscribers including members from **all interest groups**. Seven new subscribers have been added since the last newsletter. This is still way short of our total membership. Please consider subscribing (see below).

etaciv@list.sunyit.edu currently with 29 subscribers for Civil, Construction, and Architectural, etc. issues relevant to the **Civil Interest Group**.



A Letter from the Vice-President – continued

etaelec@list.sunyit.edu currently with 61 subscribers for Electrical, Electronics, Electro-mechanical, Telecomm, Computer Technology, etc. issues relevant to the **Electrical Interest Group**.

etamech@list.sunyit.edu currently with 44 subscribers for Mechanical, Manufacturing, Industrial, etc. issues relevant to the **Mechanical Interest Group**

etaexec@list.sunyit.edu for communicating with the **Executive Committee**

For now the easiest way to become a subscriber is to email me at carm@sunyit.edu with your email address and which interest group you wish to be included in and I will subscribe you. I plan to post a list of current subscriber's names (without email addresses) on the NYSETA.ORG webpage for each interest group.

I also plan to setup a listserver with the names of all the **Institutional Representatives** as soon as I get a valid list of names and their permission to subscribe them.

Newsletter: Mike Loudis continues to edit and post an online newsletter which appears at <http://www.nyseta.org> Migration to online newsletter availability will save on printing and mailing costs and bring NYSETA into the modern era.

Thanks and Kudos: Thumbs up and thanks to John Stratton, Steve Ciccarelli and their colleagues at RIT who hosted our Spring 2005 Conference. Since John broke his hip as he was planning the conference, Steve Ciccarelli stepped in as conference chair. Thanks to John's early preparation and planning and Steve's energetic effort, Steve was able to pick up the pieces and pull together a great conference. A highlight was the session on TAC/ABET accreditation, a topic which is of continuing interest to many of us. Our thanks to all who assisted John and Steve in running the conference and to our speakers and exhibitors. Good show!

Sincerely,

Carm,
NYSETA Vice-President

Treasurer's Report, Kathleen Gallagher

Thanks to all your help, our organizations operating budget has increased 90% in two years. Six institutions have even paid back dues! We gained 20 new members but lost 23 members. They retired and I extend best wishes to all of them. In 2004-2005, 132 of 366 members we contacted paid dues, and 24 of 46 institutions paid dues. This coming academic year, we've made it easier for you to keep up with your individual membership dues (still \$10.00 per year). Our fall conference host, Vermont Technical Institute, will accept your membership dues with your conference fee.



Treasurer's Report - continued

The following is NYSETA's balance sheet for the academic year 2004-2005:

TOTAL INCOME: \$24,967.92

Balance 8/31/2004:	\$13,809.22
Member dues collected (2004/05):	1,320.00
Member dues collected (2005/06):	20.00
Institutional dues collected (2004/05):	3,100.00
Institutional dues collected (2005/06):	100.00
Fall 2004 Conference Seed Money returned:	500.00
Fall 2004 Conference Surplus (SUNYIT):	4,131.83
Spring 2005 Conference Seed Money returned:	500.00
Spring 2005 Conference Surplus (RIT):	1,408.43
Interest earned on Certificate of Deposit:	39.90
Interest on Savings (9/1/04-8/31/05):	38.54

TOTAL EXPENSES: \$ 5,806.11

Delayed reimbursement from June 2004 Meeting	\$ 234.70
Fall 2004 Executive Committee Meeting Expenses	942.21
Spring 2005 Conference Seed Money to RIT	500.00
Fall 2005 Conference Seed Money to Vermont	500.00
Scholarship Committee Supplies:	88.53
June 2005 Executive Committee Meeting Expenses	1,082.67
P.O. Box Renewal Fee	58.00
Spring 2005 Scholarship Awards	2,400.00

ENDING BALANCE AUGUST 31, 2005 \$19,161.81

6 month Certificate of Deposit (7/05-1/05)	\$16,137.28
Savings Account	2,132.73
Checking Account	891.80

The Scholarship fund is currently hovering around \$5,971.09! Remember, that 50% of the membership dues, institutional dues and conference surpluses go toward scholarships. As per the organizations by-laws, the maximum cap for this fund is \$6000.00. Any additional monies collected above \$6000.00 go directly to the operating budget.



Treasurer's Report - continued

Institutional members who paid dues this past year are: Adirondack CC, Alfred State, Bronx CC, Broome CC, Buffalo State, Canton, Corning, Erie, Hudson Valley, US Merchant Marine, Mohawk Valley, Morrisville, Nassau CC, Niagara CC, Orange County CC, Queensborough CC, RIT, Schenectady, SUNY ESF, Technical Career Inst., Tompkins-Cortland, SUNY IT, Vaughn College of Aeronautics, and Vermont Technical College.

See you in Vermont!!

Respectfully Submitted,
Kathleen Gallagher, PE

News from around the State

Alfred State College

By Assorted Alfred State Faculty

Alfred State College Students compete in BUV competition



Six baccalaureate-level mechanical engineering seniors at Alfred State College, under the guidance of their project adviser, SUNY (State University of New York) Distinguished Service Professor Dr. Edward Tezak, competed in the fifth annual BUV (basic utility vehicle) competition recently in Indianapolis, where they took seventh place, despite having to make a pit stop for repairs.

A BUV is, according to the Institute for Affordable Transportation (IAT) which sponsors the competition, a vehicle for change. "Its purpose is to help meet peoples' everyday needs at the ends of the earth. More than cars, the IAT builds opportunity and freedom. BUVs will promote trade and reduce poverty at a grassroots level. Besides rural transportation, BUVs also represent a mobile power source for further development."

"Quality of life is dependent upon affordable transportation," notes Will Austin, director, IAT.

The BUV can be assembled almost anywhere, by almost anyone. Simplicity is key. The equipment needed is very simple also...even small repair shops have the tools to build a BUV.

Basic Utility Vehicles are rugged, simple vehicles that can carry 1,000-pounds of cargo. Using primarily off-the-shelf parts, the unassembled BUV skid pack will cost about \$900 before duties and freight. They



Alfred State College - continued

are designed for warm climates, slow speeds (under 20 mph), and rural, unpaved roads. BUVs provide mobility, freedom, and economic hope to people in rural areas of developing countries. Alfred State College's basic utility vehicle utilized the front half of a motorcycle connected to the rear end of a light pick-up truck. It was powered by an 8.6 hp gasoline engine, and, in addition to the driver, provided cargo room for six passengers or 1,220 pounds of cargo.

The Alfred State College entry was built by Jason Spangler, Niskayuna; Gregory Strine, Ripley; Daniel R. Harvey, Hornell; Jason Bierwiler, Painted Post; Richard A. Hermanet, Walworth; and Brandi VanGorder, Cortland.

New Program in Manufacturing Technology

SMET's new program in Manufacturing Technology has been approved by SUNY Administration and the State Department of Education. The program came as a response to a need expressed by local (Southern Tiers) manufacturing companies to obtain advanced-skilled employees to replace the current aging workforce. Companies find it difficult to attract qualified employees to the rural communities in the Southern Tier. Most employers have found it much easier to retain employees that are native to the region. This explains why the Southern Educational Alliance for Manufacturing (STEAM) has been created as a collaborative effort to educate local residents in various careers in manufacturing in order to supply the advanced-skilled workforce for manufacturers across the Southern Tier of New York State. STEAM is a collaborative effort to educate local residents in various careers in manufacturing in order to supply the advanced-skilled workforce for manufacturers across the Southern Tier. This program facilitates a dual enrollment (2+2 approach) and a seamless transfer from associate degrees from local community colleges (Corning Community College, and Jamestown Community College) into the bachelor's degree in Manufacturing Technology at Alfred State College. Drafts on articulation agreements are ready waiting for authorized signatures.

Alfred State College is in the "year of record" in preparation for its ABET Accreditation visit in the fall of 2005

Alfred State College Women in Non-traditional Studies Club

The WINS (Women in Non-traditional Studies) Club is alive and well at ASC. After the start up meeting in our newly renovated wing of the Engineering Technologies building, the club hosted their annual Men In the Field Dinner and invited three local graduates to come back to speak. In October, the college hosted the annual "Futurebound" Workshop Day for area 10th grades girls. About 120 girls attend and are divided up into 10 groups. Ten mini-workshops, introducing these students to many aspects of technology and lasting approximately 13-14 minutes are conducted by faculty in our student activities building gymnasium. All 10 groups rotate through, right before lunch, and then we all go to the dining hall where there is a luncheon speaker and "give-aways" donated by local businesses and our Education Foundation. If anyone is interested in more information about the program, please email me at carlosojm@alfredstate.edu.



Alfred State College - continued

In November the club welcomed the new Interior Design curriculum students by having dessert and by showing an episode of "Merge." Then the fundraising started for the holiday season: The club members raised over \$500.00 to buy presents for two families and donated some money to President Gupta's "Backpack Buddies" program where 50 Allegany County children go home w/ a backpack full of food to sustain them for the weekend. This has been a great idea, and the college community has been very supportive.

As the spring semester progressed, WINS hosted the 13th annual Women in the Field Dinner. Spring is a busy time so we only had two speakers - one alum and one non-alum. They both did a great job of speaking! The Arch. Eng. Tech. alumna, Joanne Harris had wonderful stories of her employment and advice for the students. Our other speaker was the same one who spoke to the Futurebound students in October, Deb Naybor, a licensed surveyor who runs her own company in Alden, NY. Besides encouraging all the members to get as much college as possible, she encouraged them also to get involved in community service. Her "service area" extends beyond the equator.....she has gotten involved with NAWIC (National Association of Women in Construction) in South Africa. From there she has gotten involved with a few different villages around various parts of Africa and set up micro-loan programs for women who are often widows due to the AIDS epidemic. Club members raised over \$1000.00 for a roof for a health clinic in Malawi....hard to imagine people who have never received any health care but through the college dining services' "Give up a Meal" program, the students were able to raise that large amount. Through the regular fundraising efforts (pop can return and coin banks), members raised the usual amount to provide money for the two area food banks. I am very proud of all the participants so we had our annual lasagna dinner in April and said good-bye to our seniors. Job market seemed pretty good this year for our grads. - hope it continues!

Alfred State College's Ed Tezak named SUNY Distinguished Service Professor

Alfred State College Mechanical Engineering Technology Professor Dr. Edward Tezak, Wellsville, was recently promoted to the rank of SUNY (State University of New York) Distinguished Service Professor. The designation constitutes a promotion above that of full professor.

Authority to appoint a faculty member to the rank of Distinguished Service Professor resides solely with the State University Board of Trustees. This appointment is a capstone in a faculty member's career. Selection is based on evidence of substantial distinguished service at both the local or regional level and the state, national, or international level. The candidate must have exhibited sustained leadership efforts in application of skills, scholarly research, and concern for public interests.



After graduating from the United States Military Academy and serving two tours of duty including Viet Nam, Tezak returned to West Point, where he taught and served in the administration for 20 years until his retirement with the rank of colonel and associate professor in 1993. Immediately after retirement, he accepted appointment as dean of information systems and engineering technology at SUNY Institute of



Alfred State College - continued

Technology, Utica/Rome. Between 1998 and 1999, he served as the dean of the School of Engineering Technology at Alfred State and provided leadership for the design of two new baccalaureate degrees as well as the upper-division sequences for five other programs offered by the College. In 1999, he rejoined the faculty on a fulltime basis and, in 2000, was appointed professor of mechanical engineering technology.

Within SUNY, Tezak has distinguished himself not only in the classroom, but also across the campus environment. At Utica/Rome, he actively served on the Curriculum and the Enrollment Management Committees. He also promoted non-traditional career initiatives through the Tomorrow's Women in Science and Technology Committee. Since joining Alfred State College, he has served on a variety of committees whose focus ranged from budgeting and professional development to assessment and accreditation. Since 1998, he has been the Alfred State College liaison to the American Society for Engineering Education (ASEE).

Tezak has evidenced sustained leadership over his career in engineering. He maintains licensure as an engineer and member of the American Society of Mechanical Engineers as well as the American Society for Engineering Education (ASSE). In 2001, he was recognized as the Outstanding Educator of the Year by ASSE, St. Lawrence Section. He currently serves as the secretary of the Engineering Technology Division of ASEE, is a member of the Executive Committee of the NYS Engineering Technology Association and is the secretary/treasurer of the Council of Engineering Technology in New York State.

As a scholar and an educator, Tezak continues to serve nationally as a member of the Industrial Advisory Board for the Department of Civil and Mechanical Engineering at the United States Military Academy, West Point. He is an accreditation evaluator for the Accreditation Board for Engineering and Technology (ABET). He occasionally serves as a proposal evaluator for the National Science Foundation and an accreditation consultant for the New Jersey State Commission on Higher Education. In 2004, he was a program consultant for the University of Pittsburgh, Bradford.

Tezak holds a Bachelor of Science degree from the U.S. Military Academy, a master of science in engineering from the University of California at Los Angeles, and a doctor of philosophy in engineering mechanics from Virginia Polytechnic Institute and State University. He also received his professional engineering license from the state of Virginia in 1984.

Tezak is a charter member of the West Point Chapter of the Phi Kappa Phi honor society and was also elected to the Phi Kappa Phi chapter at Virginia Polytechnic and State University. He is a member of the ASEE, the Order of the Engineer, the American Society of Mechanical Engineers, the Association of Graduates of the U.S. Military Academy, and the Retired Officers Association. He has been awarded the Legion of Merit, two Bronze Stars, a Meritorious Service Medal, four Army Commendation Medals, and the Republic of Vietnam Honor Medal 1st class. He retired from the U.S. Army Corps of Engineers in 1993 with a rank of colonel.

Tezak is the author of several publications including his doctoral thesis titled "Parametrically Excited Nonlinear Multi-degree-of-freedom Systems."



Alfred State College - continued

Tezak and his wife, the former Martha K. Leyko of Baltimore, MD, are the parents of two grown children: Christine Tezak and E. Scott Tezak.

Five Members of Alfred State College's Staff Honored with Chancellor's Award

Five members of Alfred State College's staff were honored with the SUNY (State University of New York) Chancellor's Award for Excellence this spring. Those so honored were **Joy Carlson, Alfred, professor**, Computer Imaging and Architectural Engineering Technology Department, and Sandra Gerling-Yelle, Alfred Station, professor, Business Technology Department, who received their awards for excellence in teaching; Jeffrey Johnston, **Alfred Station, assistant professor**, Computer Imaging and Architectural Engineering Technology Department, who received his award for excellence in faculty service; John M. Santora, Scio, associate professor, Culinary Arts Department, who received his award for excellence in scholarship and creative activities; and Carl Rahr, Jr., Wellsville, senior programmer/analyst, Information Technology Services Department, who received his award for excellence in professional service. Recipients were honored at the college's annual recognition luncheon held at the end of the spring semester.



The five are among more than 100 classroom teachers, librarians, and professional service employees in the SUNY system cited for excellence in the performance of their duties.

Alfred State Personnel Changes:

Doug Barber retired as of 8/31/05.

William Dean promoted to Associate Professor.

Dr. Edward G. Tezak - awarded Distinguished Service Professor by SUNY

Alfred State New Hires:

Dr. Ruijin Ma, Civil Engineering Technology

Paul Holmquist - Architectural Engineering Technology



Buffalo State College

by Peter S. Pawlik

As of September 1, 2005 Buffalo State has been reorganized into four Schools. The Technology Department is a part of the newly formed School of The Professions. Dr. Gary Jones was named interim dean of the school and a national search will begin this fall for a permanent dean. The School of The Professions consists of 11 departments plus the Small Business Development Center. The other departments in the school are Business, Computer Information Systems, Hospitality and Tourism, Criminal Justice, Creative Studies, Nutrition and Food Science, Speech and Language Pathology, Social Work, Student Personnel Administration, and Health and Wellness.

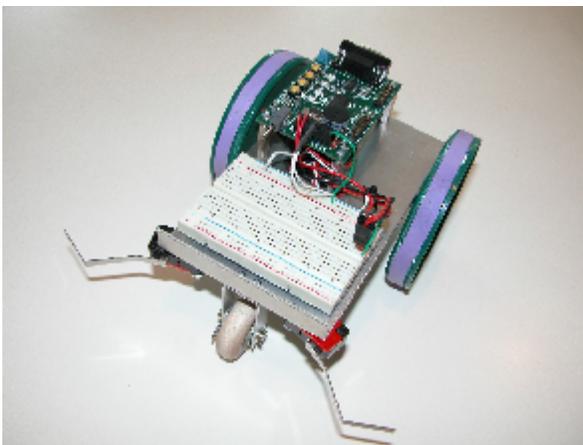
The Technology Department now offers 4 baccalaureate degree programs: TAC/ABET accredited bachelors degrees in Mechanical and Electrical Engineering Technology, an NAIT accredited program in Industrial Technology, an NCATE accredited program in Technology Education, and a program in Fashion and Textile Technology. Masters degrees are offered in Industrial Technology and Technology Education. The masters program in Industrial Technology accepts students with degrees in Industrial Technology, Engineering Technology, Business, Computer Information Systems, and other closely related fields. For more information, visit our web site: www.buffalostate.edu

Slade Gellin, NYSETA Mechanical Interest group leader, and chair of the **Spring 2004 NYSETA** conference at Buffalo State College, was recently awarded tenure by Buffalo State.

Erie Community College

by Vincent Kassab

The Electrical Engineering Technology Department received funding for equipment on a Perkins Grant in the sum of \$42,000. The equipment includes high-frequency color sampling scopes, logic analyzers, spectrum analyzers, a network color printer, computer screen projection system, and notebook computers.

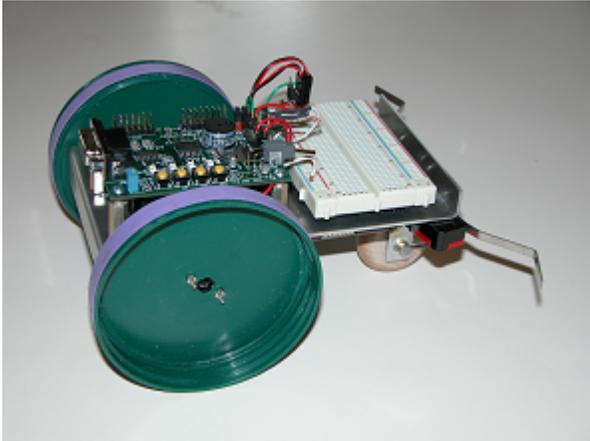


A new fabrication lab project has been introduced which has an impact on three program courses and our high-school outreach programs. The project is an outgrowth of the Summer Academy course in which high-school students that took our fabrication course built the Parallax Boe-Bot kit, which costs \$200. The author designed a similar project that costs the college about \$40 and provides a more meaningful fabrication experience. The students build an SMT microcontroller based on the Freescale 68HC908QY4, providing the required SMT soldering experience. They fabricate the chassis and miscellaneous components for the robot from aluminum sheet-metal. They then download the robot C -language generated code from Code Warrior. The same microcontroller, smaller than a credit card, is used in our microcontrollers course. Those students with the aptitude and interest can follow up with the embedded C



Erie Community College - continued

applications elective, permitting them to customize the robot software or pursue another embedded application.



The outreach program can expand beyond the robot project to include a variety of applications based on the microcontroller. These may be used to appeal to elementary grade students using simple applications such as timers, alarms, and games. More advanced high-school students can do applications in security systems, data acquisition, wireless control, etc. I would like to see NYSETA divert some of its scholarship money to promote a high-school competition program in robotics or other microcontroller applications.

The Technology Division of ECC will soon have its own view-book. This will be used for marketing the technology programs and will be available in print or on the ECC web page.

Morrisville State College by Michael J. Loudis

Morrisville opens new Norwich Branch Building



In June, MSC opened Follet Hall, a new 37,000 sq. ft. academic building at its downtown Norwich branch campus. The hall can accommodate 1,000 full-time students. The Norwich Campus, celebrating 35 years in Chenango County, offers programs in business, technologies, liberal arts, education, and nursing.

Morrisville Building new Facility to Generate Electric Power and Heat from Farm Waste

Morrisville State College will soon be getting a lot more mileage out of its manure. The college broke ground in August on a methane digester, a facility that creates methane from processed cow manure, and uses the gas to fuel a 55kW Stirling Engine electric generator. Heat given off after utilization by the Stirling engine, will be captured and used for heating and hot water.

An anaerobic digester will use animal waste from an on-campus state-of-the-art free-stall dairy facility (with approximately 200 animal milking cows) that was constructed in 2001. The project would facilitate the better understanding and management of the anaerobic digestion process, and allow the evaluation of different types of wastes in a hard-top plug-flow methane digester. Other areas of investigation will include the reduction of environmental risks, the increase economic benefits, and the viability of a community anaerobic digestion system.



Morrisville State College - continued

The methane digester and combination power and heat generation facility will be a demonstration site for dairy producers, farmers, and organic waste producers in New York State and the Northeast. It will also allow current and future students in dairy science and technology, agricultural business, environmental science, agricultural engineering, and other disciplines, to develop a better understanding of underutilized biomass alternative energy technologies, environmental conservation, environmental stewardship, and sustainable agriculture. The \$800,000 project is slated to be completed by mid-November.

Morrisville's Residential Construction & Architectural Students build Cape House



Students in Morrisville State College's residential construction & architectural programs have built a cape style house on a parcel of land owned by the college. The house includes 2100 square feet of floor space, 3 bedrooms, 3 full bathrooms, a one car attached garage and a basement. Students built the house literally from the ground up, assisting with site layout, building the basement, installing the footing forms, placing steel reinforcement and concrete in the forms, installing the girder and floor system, setting the walls, trusses and roofing, and installing the heating, water and drainage systems. They even learned how to mix sand, masonry cement and water in the correct proportions for the foundation blocks. Faculty members, Bruce Revette, assistant professor of residential construction, and Brian J. Kelly, Jr., associate professor of architectural studies and design, supervised and worked alongside them.

It is the second Barden Home, of The Barden and Robeson Corporation of Tully, N.Y., built by Morrisville State College students. The first house, a cape-style adjacent to the newest project, is currently for sale.

Morrisville Professor named Central New York College Technology Educator of the Year

Dr. Walid Shayya, associate professor in MSC's department of Agricultural Engineering, Technology, was named Central New York College Technology Educator of the Year, by the Technology Alliance of Central New York (TACNY). The Award is presented to an educator who lives in Central NY and has made outstanding contributions in technology education at the college level.



Walid, who started teaching in 2000, has taken a lead role in bringing technology to Morrisville. He integrated Global Positioning Systems and Geographic Information Systems into his classroom lessons, developed academic courses and has also helped the college obtain grants and technologically advanced equipment.

Dr. Shayya also has an extensive background in soil and water and agricultural engineering, having studied and taught in these disciplines for a number of years. He is versed in many different areas including irrigation system design and management, precision agriculture, animal waste management, GPS and GIS, and water conservation. He has also been involved in a number of research projects funded



Morrisville State College - continued

by the Middle East Destination research Center, and the United States Department of Agriculture, Natural Resources Conservation Service in Washington DC.

Rochester Institute of Technology, RIT **by Carol Richardson and George Sutherland**

RIT ABET Accreditation

Last year ABET reviewed seven engineering technology Bachelor of Science programs and the Bachelor of Science safety technology program in the College of Applied Science and Technology (CAST), all the Bachelor of Science engineering programs in the Kate Gleason College of Engineering and Golisano College of Computing and Information Sciences (GCCIS), and two other Bachelor of Science computing programs in GCCIS. All of the engineering technology and engineering programs will all have their accreditation continued. The Bachelor of Science safety technology program in CAST and the Bachelor of Science Information Technology and Applied Networking and System Administration programs in GCCIS both received initial accreditations from the Applied Science and Computing Commissions. The Technology Accreditation Commission (TAC) reviewed the engineering technology programs and the Engineering Technology Accreditation Commission reviewed the engineering programs. TAC selected RIT to be one of the four invited speakers to participate in the Commission Summit 2005 at the ABET annual meeting at the end of October. Each of the invited speakers which represent one program from each of the four commissions listed above and visited during the last accreditation cycle will share their experiences in packaging evidence for the ABET evaluation teams.

ASEE Frederick J. Berger Award

John Stratton, professor of engineering technology at Rochester Institute of Technology, received the Frederick J. Berger Award in recognition of excellence in engineering technology education by the American Society for Engineering Education. The award was presented at the society's 2005 annual conference and exposition, June 12-15, in Portland, Ore.

Stratton was cited for contributions in the administration of engineering technology education. A member of the RIT faculty since 1971, he is past associate dean of RIT's College of Applied Science and Technology, the college of innovation, and a past chairman of two RIT engineering technology departments. He has been responsible for the development of many new programs, has authored over 20 technical and educational papers and has been active in the American Society for Engineering Education and the Institute of Electrical and Electronics Engineers.

Stratton received a lifetime service award from the Rochester joint chapter of the Institute of Electrical and Electronics Engineers Power Engineering and Industry Applications societies in 2004. He chaired the New York State Engineering Technology Conference last March at RIT, and he is immediate past chair of the St. Lawrence Section of the American Society for Engineering Education, and is program chair of the Engineering Technology Leadership Institute (ETLI) at RIT in early October. John has assumed



Rochester Institute of Technology - continued

responsibilities as the program chair of the Electrical/Mechanical Engineering Technology program this year.

Engineering Technology Leadership Institute

RIT, the National Technical Institute for the Deaf at RIT, Monroe Community College, and NYSETA are sponsoring ETLI. The theme of the Institute is New Directions in Innovation & Leadership. Tau Alpha Pi (TAP), the national honorary society for ET students is holding a TAP Student Leadership Institute prior to the ETLI meeting and the ET Deans or their representatives are meeting for one day after ETLI. Additional information on the Institute is available at www.rit.edu/~castconf/etli

ECTET Administrative Changes

Carol Richardson is now the Miller Professor and Vice Dean of the College of Applied Science and Technology (CAST). Michael Eastman is the Acting Department Chair of the Department of Electrical, Computer, and Telecommunications Engineering Technology (ECTET). Steven Ciccarelli is the new program chair for the Electrical Engineering Technology program and Warren Koontz the new program chair for the Telecommunications Engineering Technology undergraduate and graduate programs.

New Building for the College of Applied Science and Technology (CAST)

CAST Dean Wiley McKinzie announced the timeline for a new building that start the process of bringing CAST programs together in new facilities. Phase I of the new building will be located just north of the B. Golisano College of Computing and Information Sciences building and will house the new McGowan Center for Telecommunications, the Department of Civil Engineering Technology/Environmental Management and Safety, a student commons area as well as other space initiatives yet to be determined.

An architect will be selected this fall with groundbreaking targeted for September 2006 and opening the new building September 2007. Phase II includes goals for expansion to accommodate some packaging science and engineering technology laboratories and faculty offices currently located in the current CAST building and Center for Integrating Manufacturing facility.

Faculty Changes in Civil Engineering Technology at RIT

After serving as department chair for nearly 15 years and a faculty member in civil engineering technology for 27 years, Bob Easton retired from RIT in June of 2005. He says that he plans to spend his time traveling to see his grandchildren. We were pleased to be able to recognize Bob's talent and dedication to our program by rewarding him with the status of Professor Emeritus.

We are very excited to welcome Dr. Harry Cooke into the opening that Bob's retirement created. Harry comes to us from Ferris State University where he was previously teaching in their Construction Technology program. He earned his Bachelor's degree from Northwestern University, his Master's



Rochester Institute of Technology - continued

degree from University of Texas, Austin and his PhD from Virginia Polytechnic Institute with a focus on geotechnical engineering. His significant industrial experience both in the US and overseas will bring some exciting new experience to the department.

Bill Larsen, another faculty member in civil engineering technology at RIT was recently recognized by the institute for his dedication to the community by presenting him with the Alfred L. Davis Four Presidents Distinguished Public Service Award. For more than two decades, Bill has been involved in international relations and humanitarian activities, assisting individuals and governments in third world countries to improve their circumstances and standards of living. He had a sustained and significant influence on the people of countries such as Haiti, Antigua and Barbuda. In Rochester, he has contributed to international relations and understanding of other cultures through this work with the United Nations and the Genesee Valley Chapter of the New York Civil Liberties Union. As a long standing member of the faculty at RIT, Bill has influenced students to become involved in public service activities, teaching the students about the real world and helping them to focus their technical expertise to solve problems. We are thrilled that the institute has recognized Bill's lifelong work.

Manufacturing and Mechanical Engineering Technology and Packaging Science at RIT:

Staff Changes - John Stratton is now the Program Chair for the Electrical/Mechanical Engineering Technology program. This is the program which is available via distance learning for those who cannot attend in Rochester. Jim Scudder, who was Program Chair, has entered the "retirement transition" program, so he will be teaching fall and spring and will be off for the winter. The department now has a Professional Advisor (PA), Stefanie Soroka, for the department's Mechanical ET students. This function was previously handled by two faculty (one of whom was the MET Program Chair). Those two faculty are now in a support role for student advising with the PA handling most of the duties. It is hoped that this new approach will free up the Program Chair for curriculum leadership activities and improve student retention at RIT.

New Grants The department received a \$167,524 NSF Course Curriculum, and Laboratory Improvement (CCLI) grant for Reliability Education and Analysis Laboratory (REAL) Development. The grant activities include integrating reliability and failure analysis concepts and laboratory experiences into the undergraduate electronics-packaging curriculum which is open to Engineering and Engineering Technology students. Specific curriculum topics include thermal shock testing, failure modes and mechanisms, failure detection, reliability modeling and evaluations, in-situ monitoring of devices under test, moisture sensitivity studies, x-ray inspection, acoustic microscopy, dye penetration testing, cross sectioning, dark field bright field and polarized light microscopy. Recent equipment acquisitions include a thermal shock chamber, an event detector that monitors electrical continuity while assemblies are being tested and a temperature and humidity chamber.

In partnership with Saddleback CC (California), MMET/PS RIT is a co-principle investigator on an NSF-ATE grant. RIT's first year budget under this award is \$70k, which includes the funding for a rapid-prototyping machine. The goal of this NSF-ATE grant is to provide enhanced education in Rapid Prototyping (RP) systems through regional workshops and modular instructional support material and to



Rochester Institute of Technology - continued

showcase how RP can enhance the design process used by academic institutions and industry. The project rationale is based upon previously funded work which identified additional barriers in recruiting students into design engineering and in the education of training of faculty and students in the area of RP. Regional industry training is also a long term goal for the project. The expected outcomes of this grant will be focused upon two primary areas. First there is the development of instructor support material in which a person not only will understand how the RP is best utilized but also where it best fits the design process in order to achieve the highest impact. Secondly, this grant will provide regional instructor training workshops that include guidance in technical transfer approaches, marketing material, equipment selection and maintenance issues, and the understanding the effective incorporation of RP into the design process.

New Activities - The department is organizing its plastics related activities into a single center, known as the Integrated Plastics Center (IPC). Department activities have included the design of plastics parts, the production of plastics parts, the analysis and testing of polymer solids and films, and the use of plastics packaging materials. New activities include the production of plastics packaging materials and the design and use of packaging equipment that use plastics packaging materials. The IPC will serve undergraduate and graduate education, faculty scholarly activities and service to regional industry. A new faculty member, Dr. Changfeng Ge, who has considerable experience in the plastics and packaging industry, has been recruited to head up the IPC.

SUNY Institute of Technology, Utica

by Jayne Baran

SUNYIT has a new interim Vice President of Academic Affairs. Dr. Rosemary Mullick is a longtime faculty member in computer science who has held several administrative positions; most recently she served as Assistant to the President for Transition to Four Year Programs.

The School of Information Systems and Engineering Technology has a new interim dean. Dr. Raymond Jesaitis is a longtime faculty member of the computer science department.

Dr. Sala Qazi, Professor, is the new chair of the Electrical Engineering Technology Department, succeeding Windsor Thomas. Professor Thomas remains the coordinator for freshman and transfers to the Computer Engineering Technology Program.

Dr. Qazi, Professor, gave two presentations on “Optical Wireless: Challenges and Opportunities,” at the Information and Communications Technology (ICT) curriculum workshop, July 11-14, 2005, Springfield, MA. The workshop was organized by the National Science Foundation (NSF) supported National Center for Telecommunications Technologies (NCTT) and Springfield Technical Community College, Springfield, MA. Dr. Qazi also gave a similar presentation at the first annual Mohawk Valley technology symposium on “Emerging Technologies of the Mohawk Valley,” held at Mohawk Valley Community



SUNY Institute of Technology - continued

College in May 2005. This event was organized and sponsored by the Mohawk Valley Engineers Executive Council (MVEEC).

Dr. Qazi, was also awarded an NSF fellowship to attend a short course on “Nanoscale Mechanics, Bio-inspired Hierarchical Structures, and Potential Applications,” held at Northwestern University from June 6-10, 2005. He was awarded this fellowship for his efforts to develop and offer a course on “Introduction to Nanotechnology,” at SUNYIT.

Dr. Daniel Jones, a member of the mechanical engineering technology department, has been promoted to associate professor.

SUNYIT is now home to a U.S. Department of Defense Reliability Information Analysis Center (RIAC). The Defense Information Systems Agency has awarded a five-year, 19-million-dollar contract to operate the Center to a team comprising: Wyle Laboratories, Inc., of Huntsville, Ala., SUNYIT, Quanterion Solutions Incorporated of Utica, N.Y., the University of Maryland, and The Pennsylvania State University. The Center is being developed in Kunsela Hall on the SUNYIT campus in Marcy, N.Y. The reliability Information Analysis Center is the Department of Defense center of excellence in data, information, and expertise related to product/system reliability, maintainability, quality, supportability, and interoperability. As one of a family of Defense Department Information Analysis Centers, its mission is to improve the productivity of researchers, engineers, and program managers in government defense research, development, and acquisition.

The civil engineering technology department is continuing their outreach program at Hudson Valley Community College (HVCC). Two SUNYIT courses per semester are offered after 6:00 pm on the HVCC campus for a total of four years allowing students to obtain their BS degree in Civil Engineering Technology. The program is geared towards students who have their associate degrees in civil engineering technology and want to pursue their BS degree but are working full-time in the Albany area.

Dr. Andy Wolfe from the civil engineering technology department is involved in promoting “Friends-One Day, One Wrong Turn,” an empowering exhibit portraying the unintended consequences of alcohol use and driving. The exhibit, will be on display in the Campus Center (upper lobby) at SUNYIT from September 6 October 21, 2005, in the hopes to increase the awareness & effects of alcohol use. The focus of the exhibition is the Colgate crash of November 2000 where 4 out of 7 passengers were killed. This exhibit chronicles the lives of these college students: bright, talented, and full of promise. Yet all their hopes and dreams were dashed in an instant. This exhibit is free and also open to the public every day of the week from 9 a.m. until 9 p.m. For further information on the exhibit visit www.friends.sunyit.edu.



Technical Career Institutes (TCI), NYC

by Jerome Zornesky

Technical Career Institutes received its Middle States accreditation in June of this year. The self study process took almost 3 years and was very laborious. Our EET program is due for ABET re-accreditation and we will be visited by an ABET team in November. This is the first time we will be evaluated under the “new” criteria.

We have attended several TAC conferences, had numerous meetings and modified our Outcomes Assessment plan several times but are still somewhat apprehensive about the new criteria. There are some similarities (we think) between Middle States and ABET criteria which should help some.

TCI is in the process of being purchased by EVCI, an organization which owns several private colleges and has a track record of increasing enrollment at their schools. The purchase is contingent upon approval from the various accreditation agencies and is currently expected to be completed by the end of September.

NY State is visiting us in the middle of September 2005 which means we will have gone through 3 accreditation processes by the end of this year. (whew!) Our EET enrollment has been level at about 130 students for the last year. A search committee has been formed to hire a new president; we have been functioning with an acting president for about a year now. TCI faculty have formed a volunteer forum which meets bi-weekly to discuss, and formulate solutions to, the problems of enrollment and retention.

NYSETA Institutional Representatives

The NYSETA Institutional Representatives (IR's) listed below, have each agreed to collect dues and to distribute ETA information, meeting announcements, and newsletters to their institution's engineering technology faculty and staff, especially to those who are not on the ETA's mailing list. Each fall, ETA treasurer Kathleen Gallagher sends each Institutional Rep dues collection material to be used for his or her institution. The following is a summary of Institutional Representatives. If there is no listed IR for your institution, it indicates that no response was received for the latest inquiry sent by the ETA secretary.

If you would like to take over as IR for your institution send an Email with a statement to that effect to Jayne Baran, ETA Secretary at: W: 315.792.7542, Fax: 315.792.7800, or E-mail: barans@sunyit.edu

Institution	Institutional Representative
Alfred, SUNY College of Technology.....	Ron Nichols
Bronx Community College.....	Nasser Abdellatif
Broome Community College.....	Arthur Haas
Buffalo State, SUNY College	Peter Pawlik
Canton, SUNY College of Technology....	Emin Turker
Clinton Community College	Al Cordes
Cayuga Community College.....	John Campbell
College of Aeronautics	?
Corning Community College.....	Al Gerth



NYSETA Institutional Representatives – continued

Institution	Institutional Representative
Delhi, SUNY College of Tech.....	William Zacharczenko
Dutchess Community College.....	James Braazee
Erie Community College North.....	?
Farmingdale, SUNY College of Tech.....	Jeff Hartman
Finger Lakes Community College.....	Marsha Walton
Fulton-Montgomery Community Coll.....	Richard Prestopnik
Herkimer County Community College.....	Gerald Angelichio
Hudson Valley Community College.....	Susan Kilgallon
Jamestown Community College.....	Charles Rondeau
Mohawk Valley Community College.....	Paul Migliaccio
Monroe County Community College.....	Mark Oliver
Morrisville, SUNY College of Technology	Ms. Christine Cring,
Nassau County Community College.....	Fred Schoenfeld
National Tech. Institute for the Deaf at RIT	Jim Mallory
New York City Technical College.....	?
New York Institute of Technology.....	?
Niagara County Community College.....	Charles Fowle
Onondaga County Community College.....	Ramesh Gaonkar
Orange County Community College.....	?
Queensborough Community College.....	Stuart Asser.
Rochester Institute of Technology.....	Martin Gordon
Rockland Community College	?
Schenectady County Community College...	John Schroeder
Staten Island, College of.....	?
Suffolk County Community College.....	Peter Maritato
SUNY Environ Sci/ Forestry at Syracuse..	George Kyanka
Technical Career Institutes Inc.....	Jerome Zornesky
Tompkins Cortland Community College...	Charles Bechtold
Ulster Community College	?
US Merchant Marine Academy	Charles Hubert
Utica/Rome, SUNY Inst. of Tech.	Jayne Baran
Vermont Technical College.....	Ken Vandermark
Westchester Community College	?

About Our Next Newsletter....

Our Next Newsletter will be distributed the second week of February 2006. Articles received prior to February 6th, will be included. You'll notice that more space is being allotted to colleges in "News from around the State," even allowing the inclusion of modestly sized photographs or diagrams. In as much as the newsletter is to be downloaded from the web and not mailed (at great cost), I welcome the opportunity for the newsletter be the NYS Engineering Technology educator's journal of record. Your articles are welcome, and greatly appreciated.

Your NYSETA Colleagues and I would be delighted to hear of anything of special interest happening on



About Our Next Newsletter – continued

your campus such as:

1. New curricula being considered,
2. Changes in your staff,
3. Grant activities, successful or not,
4. New technology authors on your staff,
5. Engineering Technology teaching positions open at your college,
6. New Technical facilities planned or under construction on your campus
7. Recent retirements, promotions, or other staff changes on your campus,
8. TAC -ABET accreditation visits, and,
9. Noteworthy awards to personnel or students.

You may email articles to the editor at: Loudismj@morrisville.edu

I receive lots of spam and lots of other unwanted e-mail, and delete most of it immediately, so be sure to type “NYSETA NEWSLETTER” as the subject of your e-mail.

You are also welcomed to send paper copies of your articles to:

Michael J. Loudis
NYSETA Newsletter,
Morrisville State College,
Galbreath Hall,
Morrisville, NY 13408

Thanks,

Mike Loudis,
Editor, NYSETA Newsletter,
Morrisville State College

The NYSETA Fall '05 Conference At Vermont Technical College

Visit the Fall '05 Conference Website

Follow the links to the Conference Website through:

WWW.NYSETA.ORG