

Calling All Artists

TechArts began as an art installation in 1995 to showcase the artistic talents of the students, faculty, and staff of New England Tech and share them with the rest of the college community.

All New England Tech faculty, staff, students and alumni are invited to showcase their artistic talents. Entries may include oils, watercolors, pencil, pen and ink, theater costumes, puppets, ceramics, sculpture, manipulated images, acrylics, furniture, and artistic instruments.

To submit an entry go to: <http://library.neit.edu/artsat/neit.html>. The art submission deadline is March 23, 2013.

The TechArts exhibit will be on display from April 1 through June 8 and is free and open to the public. Art now has a permanent place in the library with a mix of works from the expanding number of arts-related courses that are now part of the NEIT curriculum. Stop by and enjoy the creativity and imagination of the artists who are part of the New England Tech community.

Faculty Member Receives Fulbright Specialist Program Grant

Heidi Allen, Esq., Associate Professor in our Business Management Technology program, has received a grant from the Fulbright Specialist Program (FSP). FSP awards grants to qualified U.S. faculty and professionals in select disciplines to engage in short-term, collaborative projects in over 100 countries worldwide.

During the spring quarter, Heidi will spend six weeks in the English Language Division in the Business Department at the University of Mining in Dnepropetrovsk, Ukraine. She will teach *English for Business Purposes* to undergraduate students and work with university instructors on curriculum development. In addition, she will conduct workshops for university instructors and local teachers. Heidi is so excited to have been chosen for this program and is looking forward to teaching *English as a Second Language* – the focus of her master's degree. Heidi has been teaching at NEIT since 1989. She holds a Bachelor of Arts degree from Brown University, a master's degree in Education from Rhode Island College, and a Juris Doctor from Suffolk University Law School.

Поздоровлення, Heidi! (Congratulations in Ukrainian)

Author, Author!

Occupational Therapy faculty members, Professor Nancy R. Dooley and Academic Fieldwork Coordinator, Rebecca L. Simon, recently co-authored an article with their colleague Kari Jeanette Koski of the University of Utah, entitled, "Valuable Occupational Therapy Fieldwork Educator Behaviors". This article was recently published in Volume 44 Number 3 /2013 of *Work: A Journal of Prevention, Assessment and Rehabilitations* now available on the [www.metapress.com](http://www.metapress.com/web/site/at/http://www.metapress.com/link.asp?id=N162643R8159) web site at <http://www.metapress.com/link.asp?id=N162643R8159>. Congratulations!



FACULTY AND STAFF UPDATE

Dean A. Plowman Assistant Professor and Department Chair Engineering Technologies



Mr. Plowman comes to New England Tech with many years of experience as an engineer in the telecommunications industry. Throughout his career, he has designed, developed, and refined hardware, software, and applications to increase the efficiency of communications. Working in senior engineering positions for global telecommunications companies such as Motorola and Alcatel, he has been on the cutting edge of engineering in the industry.

In addition to his work as an engineer, Mr. Plowman has also been involved in working with investors and customers to create new companies, services, and products. His management skills have included sales, presentations, managing bidding processes, and directing product development. He has also prepared service guides as tools to aid field and application engineers.

Mr. Plowman's experience encompasses the technical, business, academic, and military worlds. He has taught at Bryant University in the Department of Business Management and at the Community College of Rhode Island in the Engineering Department. He retired as a Full Colonel in the Rhode Island Air National Guard as the Commander of the 281st Combat Communications Group. He has received the Rhode Island Star, Air Force Meritorious Service, and Air Force achievement medals for management and engineering excellence.

Mr. Plowman has an Associate in Science degree in Electronics Technology from the Community College of Rhode Island and has taken numerous courses in Mechanical Engineering Technology at Roger Williams College. He holds a Bachelor of Science degree in Electrical Engineering from UMass Dartmouth and a Master of Business Administration from Providence College.

Joanne M. Walsh, PhD Assistant Professor Humanities and Social Sciences

Dr. Walsh brings a wealth of teaching and research experience to her position in the Humanities and Social Sciences Department. She has developed and taught a variety of psychology courses at Kean University (NJ), Ramapo College of New Jersey, New York University, St. Peter's College (NJ), and St. Joseph's College (NY). Dr. Walsh enjoys working with and advising students and integrates technology and enhancements with web applications into each of her courses.



In addition to teaching, Dr. Walsh has experience in applied research and development with Bell Laboratories and was instrumental in establishing a research laboratory in China, through UTStarcom. She has also created and delivered an interactive workshop on questionnaire and survey design for managers and engineers at AT&T. Dr. Walsh's research includes projects for Cornell University (statistical analysis of treatment programs of anorexia patients), and also for Drake, Beam, Morin, Inc. (communication styles), and IBM (systems for analysis for marketing).

Dr. Walsh has a Bachelor of Science degree in Psychology from St. Joseph's University and a PhD in Social Psychology/Quantitative Methods from New York University. She has received numerous grants and awards for her research and has many publications and conference presentations to her credit.

Timothy M. Henry, PhD
Associate Professor
Information Technology (MSIT)



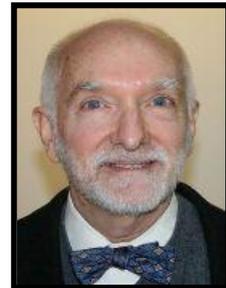
Dr. Henry has been teaching computer science concepts along with managing information systems technology projects for nearly 30 years. His career has included a mix of computer industry positions and training/teaching positions. Within the computer industry, he has managed a wide variety of IT-related projects with applications in the military, education, healthcare, police/fire/emergency, and real-estate fields. These projects have included system design, development, planning, and training.

Dr. Henry's most recent positions have been focused on education. He developed online course templates for use by online instructors at DeVry University. As a lecturer at the University of Rhode Island (URI), he taught a variety of online courses, developing extensive experience with online learning management systems (LMS) such as eCollege, Moodle, and Sakai as well as developing his own LMS. He has also produced over 200 lecture videos and VideoNotes to be used for online and blended courses, and has produced videos for various events and departments at URI.

He holds a Bachelor of Science degree in Mathematics from the United States Coast Guard Academy, a Master of Science degree in Computer Science from Old Dominion University, and a PhD in Applied Mathematical Sciences from the University of Rhode Island. Dr. Henry has produced professional papers for international conferences and has received funding through the National Science Foundation for grants he has written. In his spare time, he donates his expertise to healthcare causes both locally and abroad.

David John Becker
Associate Professor and Assistant Director
Nursing Program

Mr. Becker comes to New England Tech with a background in both nursing and nursing education. His nursing career in the United States Navy has taken him from refugee camps in Vietnam to hospital ships and to world-class teaching hospitals such as Bethesda Naval Hospital. While in the Navy, he developed a curriculum for enlisted training. After retiring from the military, his career turned to post-secondary education where he has held various positions from adjunct instructor to Dean at Massachusetts Bay Community College, and from there to Roxbury Community College, Framingham State University, and most recently at St. Joseph Health Services, where he was the Director of the School of Nursing.



Mr. Becker has developed and taught courses in nursing specialties such as psychiatric nursing, mental health, pediatrics, professional issues and trends, and informatics. He has developed and taught online courses and has instituted a National Council Licensure Examination (NCLEX) prep coach program to help improve pass rates for RNs and LPNs. Most recently, Mr. Becker worked on a statewide team to design and implement a curriculum to meet the "Nurse of the Future" competencies and to enhance academic progression in nursing.

Mr. Becker holds a Bachelor of Science degree in Community Health Nursing from Sonoma State University (CA), a Master of Science degree in Adult Psychiatric/Mental Health Nursing from University of California, San Francisco, and a C.A.G.S. in Education from Nova Southeastern University. He has received numerous awards, including military medals for Humanitarian Service, Meritorious Service, and the Navy Achievement medal.

Linda J. Del Vecchio-Gilbert, DNP
Associate Professor
Nursing Program



Dr. Del Vecchio-Gilbert has had a nursing career in a wide variety of specialties such as gastroenterology, pediatric hematology/oncology, general pediatrics, pediatric pain, adult oncology, and pediatric palliative care. She has worked in leading pediatric hospitals such as St. Jude's Children's Research Hospital, Memorial Sloan-Kettering Cancer Center, Children's Hospital Boston, and Hasbro Children's Hospital.

Her experience as an educator has been in nursing programs at Salve Regina University, the University of Rhode Island and at Simmons College. Dr. Del Vecchio-Gilbert has done numerous projects and presentations both nationally and internationally on topics such as pediatric palliative care, medical compassion, and pain management.

Dr. Del Vecchio-Gilbert has a Bachelor of Science degree in Nursing from the University of Rhode Island, a Master of Science degree in Nursing from Emory University (GA), and a Doctorate in Nursing Practice from Simmons College. She has volunteered in the U.S. and abroad for a wide range of humanitarian and medical organizations.

Patricia Schneider
Instructor, Nursing Program

Ms. Schneider joins the nursing program staff, bringing with her years of experience as a nurse in hospitals and for medical service providers. Her specialties have included chronic and acute dialysis care for patients, psychiatric care for adolescents and crisis intervention.



Her experience as an educator includes working with the South Coast Educational Collaborative, contributing to the health component of individualized education programs for students with disabilities, assessing health needs of students and faculty, monitoring compliance with state immunization laws, direct and indirect care to students, and training staff on health care issues. She has also taught Medical Surgical & Assessment I Clinical in NEIT's nursing program. Ms. Schneider has a diploma in Nursing from Brockton Hospital School of Nursing, a Bachelor of Science degree in Business Management from Fisher College, and a Master of Science degree in Nursing from Excelsior College (NY).

Randal Fedoruk
Associate Professor
Occupational Therapy (MSOT)



Randal (Randy) Fedoruk comes to New England Tech with a variety of experience in occupational therapy practice and education. At Quinnipiac College, he taught courses in a pediatric clinical lab. At the University of Hartford, Mr. Fedoruk taught core courses in pediatrics and developmental disabilities, applied neuroscience, and a course in therapeutic adaptations and splinting. While at Dominican College, he taught professional practice skills.

In various rehabilitation centers and in private practice, Mr. Fedoruk has worked with diverse populations such as patients with work-related injuries, strokes, traumatic brain injuries, and individuals with developmental disabilities. He has provided occupational therapy evaluations to children and early intervention (0-3 years old). His management duties have included program planning and development, staff supervision, and writing policies.

Mr. Fedoruk has done presentations on a wide range of topics at occupational therapy and educational conferences throughout the United States. He has a Bachelor of Science degree in Occupational Therapy from the University of Alberta and a Master of Arts degree in Occupational Therapy from New York University.

Caitlin Beagan Records Coordinator



Caitlin Beagan has recently joined the Career Services Office as its new Records Coordinator. Caitlin will oversee the management of graduate and employer surveys for the college and the collection of statistical employment data. She will also manage the resume database for both New England Tech students and alumni and will assist with coordination of the college's annual Commencement ceremony.

Caitlin holds a Bachelor of Arts in Mass Communications, concentration in Media Studies with a Minor in Advertising from Franklin Pierce University. Her past experience includes working as a marketing assistant for the RI Blood Center, retail representative for Sovereign Bank, and has done freelance communications work.

PROGRAM UPDATE

Mechanical Engineering Technology Shines

SolidWorks Certified

Congratulations to five Mechanical Engineering Technology students who recently passed the Certified SolidWorks Associate exam. Solidworks is a three-dimensional computer-aided design program. These students are now designated as Certified SolidWorks Associates (CSWA). They are Mathew Vyzga, Derek DeSio, Andrew Carney, Daniel St. Pierre and Joshua Dyer.

The Quadricycle Club

The purpose of the Quadricycle Club is to have Mechanical Engineering Technology (MCT) students work collaboratively towards a goal of reverse engineering, manufacturing and building Henry Ford's first automobile, the "Quadricycle." The club is open to any student with or without basic machining experience.

Chris Vasconcelos, MCT instructor and Club Advisor, purchased a set of plans from George DeAngelis who worked for the Ford Motor Company and was responsible for reverse engineering and documenting the construction of the Quadricycle. He drew the original plans in the early 1960's. Chris has a copy of those exact plans to produce a full-size working replica of Henry Ford's Quadricycle.



Chris Vasconcelos is Published Again!



Chris' passion for mechanical engineering was recently recognized by *Digital Machinist* magazine when his latest article appeared on its cover. "3D Modeling for Model Engine Buildings: "Lucy" the See-through Oscillating Engine – Part One" is the first of two articles that provides step-by-step instructions for making a simple air-powered engine using Solidworks. To read Chris' article, go to our website www.neit.edu and click on his story under "What's New from the NEIT Blog".

Video Game Design Technology on the Move

NBC-10 Showcases NEIT



Assistant Professor David "DJ" Johnson along with two Video Game Design seniors, Ken Lambert and Tyler Caffelle, were recently interviewed by Julie Tremmel, an NBC-10 reporter, on the subject of Violence and Video Games and how they affect the behavior of game players. DJ as well as Ken and Tyler did an outstanding job conveying their thoughts. To see their interview, visit <http://www2.turnto10.com/news/2013/feb/04/dying-games-63288-vi-49864/>.

Announcing a New Bachelor of Science Degree Program

The newest addition to NEIT's Bachelor of Science degree offerings is in Video Game Design Technology. This program will prepare students for entry-level and intermediate level careers in a wide range of fields. Building on the skills and knowledge acquired in the associate degree program, students will focus on the advanced design and development skills utilized in today's gaming industry. Students will be exposed to high level programs, concepts, and design challenges to assist in developing their communications skills, refine their mastery of 2D and 3D animation concepts, and introduce them to new technologies and trends in the industry. Students will assemble a portfolio that will include game assets they have developed. Graduates from this program will be eligible for positions such as game designers, character artists, environmental artists, technical artists, level designers, and visual effects animators.

COLLEGE NEWS

Kudos to Marine Faculty

New England Tech has been a member of the American Boat and Yacht Council (ABYC) for many years. Recently, NEIT became one of only five schools in the country to fulfill the requirements to become an ABYC Marine League of Schools member. To achieve this distinction, NEIT's curriculum had to meet ABYC standards and ABYC certification had to be made available to NEIT students. ABYC certification is a recognized standard of achievement in the marine industry and sought by employers.

To become Marine League of Schools certified, NEIT instructors had to gain ABYC certification in the areas they teach. Our Marine Technology faculty did one better when they all became Master Certified Marine Technicians. To achieve this status, faculty had to pass the certification exams for electricity and electronics, marine systems, and a third area of their choice. All full-time and



part-time instructors passed the three exams with high marks and are currently studying for a fourth exam. New England Tech is the only Marine League school to have all Master Certified instructors. Our goal is to be the only school with all of our instructors certified in every ABYC area! Great job, everyone!

From left: Brian Gustafson, Ted Chamberlin, Robert Kachanis, Ed Sherman, ABYC Educational Director, Christopher Bannister, and Robert Paiva

Bermuda Provides Five Scholarships to New England Tech Students

In collaboration with the Bermuda National Training Board (NTB), the Ministry of Public Works is providing sponsorship to five Bermudian students to attend NEIT. The students are enrolled in Automotive Technology, Automotive Collision Repair Technology and Automotive Service Management Technology. They are: Dornielle Farrell, Sergio Richardson, Jonte Smith, Ricardo Dias, and Dajon Carey.

This newly launched technical education initiative by the Ministry of Public Works recognizes the need for certified professionals. In collaboration with the NTB, these students have the opportunity to gain technical education certifications and return to Bermuda qualified and able to enter the workforce.



“We are grateful for the relationship that we have with New England Institute of Technology to allow a consistent approach in the development of local talent. Thank you for assisting us in building a stronger and more sustainable Bermuda,” said Trevor Moniz, Minister of Public Works.

From Left: Noel Cann, Training and Assessment Officer at NTB, Dornielle Farrel, Dajon Carey, Minister Trevor Moniz, Sergio Richardson, Jonte Smith and Ricardo Dias

FIRST Tech Challenge Scores Big!

The Center for Automotive Technology was the setting on Saturday, February 16, 2013, for the Seventh Annual FIRST Tech Challenge. More than 30 high school teams showcased their creativity and skill as their custom-designed robots competed in an alliance format to earn an invitation to the FIRST World Championship in St. Louis, Missouri, in April.

The Winning Alliance was the Captain Team made up of all girls (except for their good natured coach) from the Providence Career and Technical Academy (pictured right). Also members of this alliance were Renegade Robotics from Harrisville and Bishop Hendricken High School in Warwick. This Alliance was the tournament winner with the Providence Career and Technical Academy team earning a trip to St. Louis with their robot “Pretty Bot”.



The Finalist Alliance was made up of Looney Tuned Robotics from Bristol as the Captain Team, the Tater Bots from Bristol, and Modern Robotics from Riverside.

In addition, special recognition awards were presented to the teams in various categories. **Motivate Award:** Providence Career and Technical Academy and its robot, Pretty Bot. **Connect Award:** Modern Robotics from Riverside and its robot, Odd Bot. **Innovate Award:** Looney Tuned Robotics from Bristol and its robot, Taz. **PTC Design Award:** Renegade Robotics from Harrisville and its robot, Renegade. **Think Award:** C-Squared Robotics from Foster and its robot, The Fellowship. **Inspire Award:** The Tater Bots from Bristol and its robot, Spudnick, also received an invitation to the FIRST World Championship in April.

Special thanks to Erin Flynn, NEIT's Manager of Admissions Outreach and Events, who once again did an outstanding job coordinating this event, along with the many volunteers from New England Tech as well as the business community, who also helped to ensure the success of this event.

IT Students Learn On-the-Job

Pat DaSilva, Assistant Professor in the Information Technology program, also serves as the department's Cooperative Learning Instructor for those IT students who wish to pursue an IT Co-op/Externship program. On January 31st, a panel of three former co-op and externship students shared their experiences with the attendees.

Michael Medeiros' co-op program brought him to the RI Department of Transportation (RIDOT). He chose this organization when he first heard about a summer internship program with the State of Rhode through NEIT's Career Services Office where he obtained a programmer internship. He later pursued a co-op position at RIDOT where he worked in Management and Information Systems as a Program Analyst I. This position gave Michael valuable experience and something very impressive to add to his resume.

Adam Chirico's program took place at Beltone New England, the largest hearing aid dispensary in the country with 62 locations in all of New England and partners throughout the US. During this externship, Adam worked as a Technical Support Specialist in the IT Department where he kept the company up-to-date with current technologies and maintenance. Adam ultimately was hired by Beltone as a result of his successful externship.



From left: Mike Medeiros, Andrew Peckam, and Adam Chirico

Since December, 2011, Andrew Peckham has been employed by FM Global in Johnston, RI as a Telecommunications Specialist. FM Global provides commercial property insurance and business continuity solutions worldwide. Andrew's current position was a result of the hard work he demonstrated during his tenure in an Enterprise Storage & Backup Co-op from June-December 2011. Thanks to his co-op program, Andrew is enjoying great success at FM Global.

Adjunct Artist

George Delany is a part-time instructor teaching Design III and Print Portfolio courses in Graphics, Multimedia, and Web Design Technology. He has also been busy creating a visualization of the waterfront of Fall River, MA, circa 2020, working with a group of professionals who are dedicated to finding ways to revitalize the city.

George's work has been included in a Rhode Island School of Design alumni exhibit called, "Radius," a show judged by local esteemed artist, Bunny Harvey, on the topic of what local RISD alums are doing at present. His work is called, "Porpoise Tides, Fall River in the 21st Century." The opening was held at Keeseh Studios in Providence on January 31, 2013. The exhibit will run until the end of February, 2013.

NEIT Co-Sponsors RI Cyber Security Challenge

More than 100 students from eight area high schools participated in Rhode Island's third edition of the Rhode Island Cyber Foundations Competition. Partnering with Congressman Jim Langevin, New England Tech has been a strong proponent of this competition that affords high school students the opportunity to learn about cyber security and the skills necessary to secure employment in this fast growing field. Students competed in timed quizzes to test their aptitude in the three most important foundational skills of effective cyber security: networking, operating systems, and system administration.

The cyber security skills challenge resulted in special prizes for the top three finalists in the statewide competition. Adam Sowden, a junior from Exeter West Greenwich High School, earned the top spot for the second consecutive year and was presented with a \$1,500 check from McCabe Software, of Cranston, RI, as well as a \$2,000 scholarship offer from NEIT. The second place winner was freshman Xiaoyi (Julian) Wu of East Greenwich High School, and the third place winner was sophomore Joseph Caruso of Chariho Career and Technical Center. They each won \$500 from McCabe Software as well as scholarship offers of \$1,500 and \$1,000 respectively from New England Tech.



From left: Congressman Jim Langevin, Adam Sowden, Jon Palmisano from McCabe Software, and NEIT's Erin Flynn who served as the State Coordinator

Steve Kitchin Hits the Airways

Steve Kitchin, NEIT's Vice President for Corporate Education and Training, was invited by RI Public Radio to serve as a panelist at a public discussion series called "Policy & Pinot" held on February 12, 2013, at the Providence Athenaeum on Benefit St., in Providence. The event was open to the public, and the program also aired on February 17th. Fellow panelists included David Abbott, Deputy Rhode Island Commissioner of Education, Katherine Bergeron, Dean of the College at Brown University, and John Hazen White, Jr., President of Taco, Inc. The discussion included how advances in technology have changed the types of skills needed to obtain a well-paying job. This special event was supported by the NEIT's Center for Technology and Industry.



A Message from Terri Noe

Terri received a call from a woman who complimented a NEIT graduate who recently repaired her boiler. This woman stated that she previously had work done by a technician from another company who did not properly address the problem. It was nice to hear her congratulate our faculty in doing such a great job training our students. Kudos to our Heating Technology faculty, students, and alumni!

In Memory of Steve Lavoie



Paul Champigny, Associate Professor in Architectural Building Technology, along with more than 20 people from this department and members of the Mechanical Engineering Technology (MCT) program, pooled their money to memorialize their former co-worker, Steve Lavoie, through the purchase of a NEIT paver. In addition, Jennifer Hurley, Assistant Professor in MCT, reached out to a group of MCT alumni who were also anxious to contribute. Then an anonymous benefactor matched every dollar raised for the paver. Surplus money was donated to the NEIT scholarship fund. The inscription reads, "In Memory of Steven D. Lavoie, Assistant Professor, MCT Department, 1986-2010, A Friend to All". A fitting tribute from a wonderful group of NEIT colleagues.

Vet Tech Seminar

Veterinary Technology faculty and staff attended the Rhode Island Veterinary Medical Association's 42nd Annual Scientific Seminar in Newport, Rhode Island. Pictured from left: Andolina Aquisto, Gianna Papa, Dr. Donna Davidson, and Melanie Donnachie, CVT.



MARK YOUR CALENDAR!

Annual Technology Career Expo!
Thursday, March 7, 2013
9:30 am - 12:30 pm
Tech Way, EG Campus

Annual Phi Theta Kappa Induction Ceremony
Wednesday, February 27, 2013
4:00 pm
Media Presentation Theater, EG Campus

Commencement 2013
Sunday, May 5, 2013
11:00 am
RI Convention Center
Providence, RI

UPCOMING TECH NITES

April 2, 2013
June 4, 2013
August 6, 2013
November 5, 2013