Certified Occupational Therapy Assistant

**Information:** Kathy Grace, a Certified Occupational Therapy Assistant (COTA), is a graduate of the Jamestown Community College Occupational Therapy Assistant (JCC OTA) program. She has provided occupational therapy services in a variety of settings that include early intervention, school-based, out-patient rehab and skilled nursing. She is currently an adjunct instructor and lab assistant for the JCC OTA Program and continues to provide occupational therapy services at a local skilled nursing facility.

Geologist

**Information:** John Amos, geologist and founder of SkyTruth.org, will engage with high school students across New York State via live video conference. Using satellite images and air photos, digital mapping technologies and sophisticated data analysis, SkyTruth seeks to “motivate and empower new constituencies for environmental protection.” Mr. Amos appeared on national news networks in the wake of the BP Deepwater Horizon oil spill to share SkyTruth analysis showing that estimates from government and industry grossly underestimated the magnitude of the spill.

Biochemist

**Information:** Jackie Novatt is a biochemist at Cold Spring Harbor Laboratory (CSHL) where she studies how RNA gets edited by a process called mRNA splicing. Jackie majored in Chemistry and Biology at Brandeis University. After college, Jackie worked as a technician at Brookhaven National Laboratory (BNL). At BNL, Jackie studied the changes in the chemical composition of bone as humans age. This experience led her to pursue a Ph.D. in Biochemistry. In graduate school, Jackie studied how proteins move in and out of the nucleus of cells and also began teaching college Chemistry and Genetics courses at CUNY and The New School University. In addition to her research, Jackie leads tours of CSHL, directs a seminar series called "Demystifying Science at CSHL,” and has taught Chemistry, Biology, and Biochemistry at CUNY, Molloy College, and Farmingdale State College.

Mission

The mission of the NYS Distance Learning Consortium is to provide school districts across New York State with access to 21st Century learning technologies and services. The NYSDLC is committed to supporting school administrators, teachers, students, staff, and communities to enrich learning by enhancing and expanding the traditional role of education through distance and e-learning.

Meeting Common Core Standards through Distance Learning

- Students demonstrate independence with complex texts
- Students respond to the varying demands of audience, task, purpose, and discipline
- Students comprehend as well as critique
- Students use technology and digital media strategically and capably
- Students come to understand other perspectives and cultures

Interactive Videoconference Collaboration Among Professional Experts in Various Career Fields
Veterinarian

Information: Meet Dr. Jessica Demers veterinarian in Rochester, NY. Dr. Demers is a graduated from Cornell University in 2004 with a Bachelor of Science in Animal Science. She then moved to Baton Rouge, LA where she completed her Doctor of Veterinary Medicine degree at Louisiana State University in 2008. While in school she was blessed to be involved with many aspects of veterinary medicine including public health, wildlife, public policy and both international and local research. Her first job was in Fort Worth, TX in a multiple doctor VCA small animal hospital. As part of this corporation she also worked as a relief veterinarian at an emergency hospital, and also at another small animal hospital. In 2009 she moved home to Rochester, NY where she became employed by Laurelton Animal Hospital.

Nurse

Information: Dr. Anne Derouin (“Der win”) has been a practicing nurse for more than 25 years. Known as Dr. D at the Duke University School of Nursing, she teaches the first course students take when they start their educational program, the Pediatric nursing course and the clinical content related to adolescents in the Family and Pediatric Nurse practitioner programs at Duke. She has also spoken at national and regional conferences on these topics. Dr. D has served for more than 10 years as a nurse practitioner in Community and School-based Health Centers in Durham, which provide care for middle and high school students. As a practitioner, educator, parent and community volunteer, she has mentored many young students to become nursing professionals and looks forward to talking with you and answering any questions you may have about becoming an R.N. Dr. Derouin received her RN degree from the University of Michigan. Her graduate degrees were completed at Duke University School of Nursing. She is married with two daughters in college and is a passionate “Blue Devil” fan.

Software Developer

Information: Mr Asbrand is a graduate of the Rochester Institute of Technology and works as a software developer in the energy efficiency industry. He designs, implements and deploys web and desktop applications used to track building energy use, for the last 6 years at Performance Systems Development (www.psdconsulting.com). He is also a former New York City middle school social studies and math teacher. Mr. Asbrand keeps up with all latest software methods and technologies to help his company remain competitive in the quickly changing and advancing digital landscape. Some of the latest innovations include Agile development (used to help smooth the software lifecycle), MVC.NET (Model View Controller architecture) and RESTful API (Application Program Interface). An example of one of the programs which Jeff has had a hand in building is used by energy auditors to capture information about buildings so that recommendations for improvements can be made.

Airline Pilot

Information: Brian L. has been a commercial airline pilot with Northwest and Delta Airlines for more than 27 years and has over 20,000 hours of flight time. He is a graduate of the New York State SUNY system and Embry Riddle University in Daytona Beach Florida. Prior to taking the job with Northwest Airlines in 1988, he worked with Embry Riddle University as a certified flight and ground instructor and designated examiner for FAA private and commercial licenses and as a commercial cargo pilot. He has since been licensed to fly many major aircraft including the Boeing 747, B-757, B727, DC-10, DC-9, small turbo prop commercial commuter airplanes, and corporate jets and holds licenses for Aircraft Mechanic, Airframe & Power Plant.

Radio Disc Jockey

Information: Joey Guisto is a 1994 graduate of the SUNY Geneseo where he obtained a Bachelor of Science in Communication, with a concentration in Radio Broadcast Management. While at Geneseo, Joey was active at the student radio station “WGSU,” serving as Music Director his senior year. Also while at Geneseo, Joey was an intern and volunteer DJ at 90.5 FM WBER, the only station that matters, where he became Music Director / Assistant Program Director in January of 1995. Since 2001, Joey has been WBER’s Station Manager and Program Director where his many daily responsibilities include 24 x 7 x 365 music programming, management of the volunteer DJ staff, promoting underwriting and fundraising, and coordinating student-run high school radio clubs. Joey is most passionate about fulfilling the station’s mission to give true-to-life radio experience to students in the Media Production program at Monroe #1 BOCES.

Social Media Entrepreneur

Information: Eric Hinman is a Partner at Rounded Development, a Syracuse-based design agency specializing in software development, mobile development, and web. Eric is a Partner at Urban Life CrossFit, a Syracuse-based CrossFit gym. Eric is also the President of Hinman + Associates, a Property & Casualty Insurance Brokerage. Eric is a 2002 graduate of SUNY Geneseo and recently received their “Outstanding Young Alumni Award”. Eric is also an avid triathlete, training 20-25 hours/week. Eric has qualified for and competed in the Half Ironman and Full Ironman World Championships.