

Josh Maciejewski

Josh Maciejewski is a 2003 graduate of Southern Columbia Area High School. He was an active, well-rounded student while enrolled at Southern, participating in the Ski Club, FBLA, the HS Tech Club, Flying Club, and Hunting/Fishing Club. He was a starting defensive back on the 2002 state championship football team and a District IV medalist in pole vault. Josh was also a member of the National Honor Society since 7th grade.

Josh's entrepreneurial spirit was evident from an early age starting a profitable computer, sales, service, and networking business while in high school, growing the business to a diverse network of residential, commercial, industrial, and local government clients. During his high school years, he also worked as an onsite representative and industrial mechanic for a local company, overseeing projects for coal and culm-fired power generation plants and managing a 12-man team providing mechanical troubleshooting, repair, and fabrication for industrial clients.

Upon graduation from SCA, Josh enrolled at MIT, graduating with three degrees in 2008: a BS in Management Science (GPA was 4.8 on a 5.0 scale); BS Civil Engineering with a Minor in Economics (again earning a 4.8 GPA); and an MS in Transportation (4.9 GPA).

During his time at MIT, he worked on numerous research and engineering projects ranging from soil hydrodynamics to next generation fare collection for London's mass transit network. While serving as an Operations Research Intern for Transport of London, Josh developed a Java-based fare calculation algorithm to reduce fare policy change analysis by months. This work helped lay early groundwork for Transport for London's transition to contactless credit cards for transit fare payments. He was awarded the Leo and Mary Grossman Award by MIT's Department of Civil Engineering for undergraduate academic excellence and contributions in transportation research. Josh was MIT's Chapter President of the Chi Epsilon National Civil Engineering Honor Society and conducted weekly tutoring sessions for undergraduate students.

Josh enrolled in a Nuclear Propulsion Officer Training program for the U.S. Navy in 2008, completing the 6-month Nuclear Prototype training one month ahead of schedule and at the top 10% of his class. Josh graduated at the top of his Officer Candidate School in 2009, and was given command of a battalion of 110 naval officer candidates.

From 2010 to 2012, Josh served as a Submarine Warfare Officer aboard the U.S.S. Hartford. In this role, he directed all aspects of operation, navigation, and tactical employment of the \$1.5 billion fast-attack submarine and its 125-member crew. He also spearheaded the development and execution of the first-ever cyber security inspection for submarines. In 2012, he was named *Submarine Squadron Four Junior Officer of the Year*, awarded by the Submarine Squadron Commodore for "demonstrating superior leadership, management, seamanship, tactical skill, and technical knowledge.

In 2013, he was one of five officers handpicked by the Commander of the Submarine Force to serve on the Submarine Cultural Working Group. As a member of this group he was tasked with addressing issues of operational safety and efficiency for the \$200 billion fleet of 76 submarines. He conducted research, interviews, and policy analysis into systemic causes of submarine collisions and produced actionable recommendations that challenged 80 years of operational precedent with every substantial recommendation being adopted.

From 2013 to 2015 he served as an Assistant Professor of Naval Sciences at Purdue University teaching courses in Leadership, Naval Engineering, Navigation, and Operations. He also coordinated all training and professional development for 130 Navy and Marine midshipmen. Josh continues to serve our country as an Engineering Duty Officer for the U.S. Naval Reserve. In 2015, Josh earned an MS in Nuclear Engineering from Purdue University where his research focused on mathematically modeling the effects of pulsed power and plasma fields on biological cells.

In 2015, Josh accepted employment as an Operations Manager for Amazon, but eventually left a promising career there so he could focus his energies on his own enterprise, a customized hair care company, Function of Beauty. He is the co-founder and Chief Operating Officer of the company which produces shampoo and conditioner tailored to a person's specific hair care needs based on an algorithm written by Josh. The company's plant is located about 1.7 miles from the High School, employing approximately 50 people. Function of Beauty has opened a store on West Broadway, New York, and has received rave reviews from various fashion media outlets including Vogue, Cosmopolitan, and Glamour.

Josh also serves his community in an elected capacity as a Cleveland Township Supervisor. He is a certified SCUBA Diver and an FAA-certificated Private Pilot with fixed-wing and helicopter ratings. Josh and his wife, Brianna, are the proud parents of five young children.

Audrey Smeltzer Schwab

Audrey Smeltzer Schwab is a 1998 graduate of Southern Columbia Area High School. She was a member of Marching Band, Concert Band, Concert Choir, Jazz Band, basketball, track and field, and served as editor of the school newspaper during her junior and senior year. Her musical activities led her to the Jazz Band's performance as the opening act for the Drifters concert at Southern Columbia and performing at the Liberty Bowl in Tennessee as a member of the Marching Band. The Tigers captured 3rd overall in the field show at Memphis and won the best music and best overall effect awards. They also played at halftime of the nationally-televised New Year's Eve college football game with other bands from throughout the nation. Inspired by her varied experiences and teachers at Southern, Audrey decided to pursue teaching as a career. Today she is a popular and successful teacher at both the high school and college level, recognized as an "exceptionally great teacher" whose "very presence commands respect."

Audrey attended Albright College graduating cum laude in 2002 with a BS in Secondary Education, Chemistry and Physics. She was named to the Dean's List each semester and was a Jacob Albright Scholar all four years. In 2002, she was awarded College Honors, a distinction reserved for students who complete all requirements of Albright's Honors Program and was named Lehigh Valley Chapters' American Chemical Society Distinguished Chemistry Student.

In 2003, Audrey secured a Chemistry and Physics teaching position at Muhlenberg High School and continues to serve that school in this role and as its Science Department Chairperson. During her tenure at Muhlenberg, she implemented the high school's AP Physics 1 and AP Physics 2 programs and has also taught Honors Physics, Honors Chemistry, College Chemistry, and General Physical Science. In addition

to her high school teaching duties, Audrey is an adjunct professor for Penn State University-Berks and Albright College teaching undergraduate Chemistry and Education courses.

Audrey is a well-liked and respected faculty member whom the Muhlenberg students fondly refer to as a “science guru” and “physics genius.” She has earned a reputation as a teacher who genuinely cares for her students, “working tirelessly to inspire them to greatness.” She has the ability to make complex Chemistry and Physics subject matter more understandable, using her sense of humor and expertise to keep students attentive and riveted to her instruction during the school’s typical, 42-minute class. In an article published by the Reading Eagle newspaper, Audrey was asked what makes her such an exceptional teacher. She explained that she constantly strives to make herself a better teacher by taking more classes to expand her knowledge, by devoting as much time as necessary to find the best way to explain topics taught in class, and by making her classes as interactive as possible. She also draws on inspirational teachers and lessons she experienced at Southern as motivation to excel. “I’ve always wanted to make an impact on students’ lives,” stated Audrey. “That’s my goal - to teach you something. I would love for all students to enter either a chemistry- or physics-related field in their future, but I know that that is not realistic. Therefore, if I know that I helped them to become more responsible, or better organized, or to be a more conscientious student, then I have made a difference in their lives.”

Throughout her professional career Audrey routinely volunteers her time to advance education and other issues important to the health and well-being of children and young adults. She has served as a judge for numerous activities including the Reading Berks Science and Engineering Fair and the regional and state-level Pennsylvania Academy of Science competitions. She is a member of the Pennsylvania Dental Association Alliance which raises money to support children’s dental health. Audrey also serves as the education chair of the Lehigh Valley American Chemical Society, has presented at professional conferences including serving as Co-chair of the 2016 High School Teacher Day at the National American Chemical Society Meeting in Philadelphia, and has been a Peer Reviewer for Chemistry Solutions, a magazine of the American Association of Chemistry Teachers.

Audrey’s quest to “expand her knowledge” has led her to graduate school studies allowing her to attain a Masters of Education in 2009 from Gratz College and a Masters of Science from Lebanon Valley in 2010. She graduated summa cum laude in both instances. She is currently engaged in scholarly research, including a study of “High School Students’ Physics Epistemological Beliefs,” as part of her dissertation in pursuit of a PhD in Curriculum and Instruction from Mercer University. She is on target to attain her doctorate in 2018.

Audrey and her husband Dr. Brian M. Schwab enjoy their spare time together raising alpacas on their 40-acre farm in Temple, PA. She also takes pleasure in a variety of other hobbies including tennis, golf, knitting, crocheting, and canning.

Jeff Colosimo

Jeff Colosimo is a 1982 graduate of Southern Columbia Area High School. His activities at Southern included baseball, basketball, the Computer Programming Club, Fire Crew, School Newspaper, and Student Council. While at Southern Columbia Jeff reports that he “was probably seen on the outside as a quiet, distracted, below-average student who liked baseball and playing guitar.” But on the inside, “there was a creative, overactive brain seeking a path and an opportunity to succeed.” He remembers the “spark” that was ignited when he was first introduced to personal computers (TRS-80’s) in Mr.

Robert Eddinger's computer class. That passion and spark continued to grow and eventually led him on a path to becoming a successful, internationally-recognized, technology entrepreneur.

Jeff attended Lock Haven University of Pennsylvania, graduating in 1986 with a B.S. in Business Management. Within four years of graduating from Lock Haven, he co-founded and started his first company, Alternate Solutions, out of the basement of a friend's house with \$5000 and a used Epson Computer. In less than 10 years, Alternate Solutions, a system integration company focused on LAN/WAN design, installation, and support services in the public and private sector, grew to become a \$10,000,000 company that employed over 50 people, and was recognized by ComputerWorld Magazine as one of the top 100 hot emerging companies in the US.

He sold Alternate Solutions in July 2000, to D&E Communications, a large regional phone and data company. He served D&E as Vice-President of its System Integration Strategic Business Unit, until his entrepreneurial spirit kicked into high gear again, leading him to start his second company, Performance Pathways, 2003. It took only three years for its flagship products designed to track curriculum and assessment to be used by over 200 schools in Pennsylvania, 600 schools across the country, and statewide in New Hampshire and South Dakota. Jeff grew Performance Pathways to a \$5 million company with 50+ employees before it was acquired by SunGard corporation in March 2009.

During this era, in 2008, Jeff, along with Bena Kallick, co-authored the book Using Curriculum Mapping and Assessment Data to Improve Student Learning. The book was well-received by educators and helped introduce into schools, effective methods for using data from multiple sources to make informed decision-making, enriching instructional practices.

As a result of his innovative work in the industry Jeff has received several national awards including Ernst and Young's Entrepreneur of the Year in 1997, Arthur Anderson's Best Practices Award in 1998, and the aforementioned "Top 100 Hot Emerging Company" national ranking by ComputerWorld magazine in 1998.

Today, Jeff is the President and CEO of Eduplanet21. Launched in 2012, the company offers online teaching and professional development opportunities for educators. Eduplanet21 is currently a growing company with offices in Pennsylvania, California, and Australia. It is used in 22 states, and internationally, in seven countries.

Jeff has been married to Mary Daly Colosimo for 28 years. They have four children, ages 25 to 15: Jac a recent graduate from St Joseph University in Philadelphia and now employed by Wegmans; Nathan a Digital Media student at Kutztown University; Samuel a senior enrolled at the Capital Area School of the Arts Charter School in Harrisburg; and Marianna a freshman at Cumberland Valley High School.

Douglas Leisenring Crowl

Douglas Leisenring Crowl, is a 1952 graduate of Ralpho Township High School. The Elysburg native is remembered as a popular and witty student who was "sure to be a success in any field he enters." Doug excelled on the baseball and soccer fields as a Ralpho Bulldog, and was also active in school groups such as the Camera, Science, Chef's, and Dancing clubs, as well as the yearbook and newspaper staffs. After

High School, Doug enlisted in the Air Force touching off a long and distinguished career in aviation that allowed him to travel the world while meeting U.S. Presidents and other world leaders along the way.

Doug served with the U.S. Air Force as a navigator and pilot for 12 years, rising to the rank of Lieutenant Colonel. As the Captain of an Air Force combat ready aircrew assigned to the 346th Bombardment Squadron from August 1, 1960 to August 1, 1964, Doug was awarded the Combat Readiness Medal in recognition of his outstanding airmanship and devotion to duty while providing for the "security of the free world."

Doug joined Pan American World Airways in 1966 and initially flew as a co-pilot or first officer including a period of special service when he helped ferry planes between Brussels and the Belgian Congo. He then shifted to ground duty as Pan Am's 707 Flight Engineer based at Kennedy Airport in New York. In this role he was responsible for providing technical training to pilots and other flight engineers. In addition to his instructional duties, Doug was selected by Pan Am to fly special charters such as transporting the White House Press Corps and staff personnel on 707 and 747 jets when they accompanied the President on trips outside of Washington, D.C.

Doug's assignment as the White House Press Corps flight engineer and pilot spanned more than 10 years, serving the Ford, Carter, and Reagan administrations. During his travels, he witnessed a dozen or more receptions for U.S. Presidents in foreign lands including Europe, the Middle East, Africa, South America, and Asia. During his trip with President Carter to Tehran, Iran from December 31, 1977 to January 1, 1978, Doug attended a New Year's Eve party hosted by Shah Mohammed Reza Pahlavi. The following January, the Shah was overthrown by Shiite Fundamentalist revolutionists. He also accompanied President Carter to Cairo, Egypt and Tel Aviv, Israel in March 1979 as part of the President's peace-keeping mission which ultimately resulted in the historic Israeli-Egyptian peace agreement. Doug was invited and was on hand when the treaty was signed later that month in Washington, D.C. In 1985, he traveled with President Reagan to Geneva, Switzerland, witnessing a key event which led to the end of the Cold War, the first superpower summit meeting held by the President and Soviet Leader Mikhail Gorbachev. In addition to meeting world leaders, Doug also met and chatted with media celebrities, including legendary broadcasters Walter Cronkite and Barbara Walters.

Despite his busy work schedule, Doug also managed to find time to take an intense interest in the welfare of his home town, Deep River Connecticut. He was a past member of the Regional District 4 Board of Education and also served on the Deep River Board of Finance. Upon retirement Doug moved to Danville. In 2000, he became an Ordained Elder of the and Grove Presbyterian Church, serving on the Board of Sessions. In 2014, he was honored by the Grand Lodge of Pennsylvania for 50 years of service as a member of the Elysburg Lodge #349.

While Doug was an avid hunter and fisherman throughout his life, his greatest enjoyment was spending time with his family. Doug passed away in 2015, and is survived by his loving wife of 58 years, Janet; a daughter, Nancy Swanson; and a son, Charles.