

OVERVIEW OF MHS TALKS 2016

To All MHS SENIORS:

Use this information to read about each of the MHS Talks which will take place on March 11th during 7th & 8th periods.

Registration opens Tuesday, March 1st @ 7am and must be completed by March 2nd

To register, visit: <https://mhstalks2016.eventbrite.com>

- You need to register for two different MHS Talks.
- You MUST pick a 7th PERIOD & an 8th PERIOD talk.
- Do not pick two talks during the same period. Do not pick the same talk twice.
- Please note the room number of your talk.
- Spaces are limited for each MHS Talk. Make your choices promptly
- Each Talk is repeated twice, once during 7th Period and once during 8th Period. If your first choice is not available for Period 7, try Period 8

All students are invited for light refreshments & an informal gathering with all STEM Experts at 2:30pm in the Apple LGI room on the 3rd floor of the Post Side.

Talks per category	Color Codes for Disciplines & Career Categories for 2016 MHS Talks
3	ENGINEERING AND CONSTRUCTION
1	ARCHITECTURE
4	MEDICINE, HEALTHCARE AND WELLNESS
2	EARTH AND LIFE SCIENCES
2	EDUCATION
2	FINANCE AND BUSINESS STRATEGY
1	FOOD SCIENCE
3	FILM, TV, AND PERFORMING ARTS
2	UNEXPECTED STEM CAREER STORIES - DANCERS, JOURNALISTS, LAWYERS & MORE
2	STEM SKILLS FOR SOCIAL SERVICE

Category Color Code	Titles of 2016 MHS Talks
	MHS Talk #1: What structures make a bridge - not just girders but PR, contract law & environmental consulting
	MHS Talk #2: Earth, Wind & ... Solar: environmentalists leveraging new technology to build anew and fix the old
	MHS Talk #3: Equipment & Tools: STEM knowledge used to buy, sell & design the tools that get projects done
	MHS Talk #4: Where we live, eat, shop & even play ball: all designed by these architects
	MHS Talk #5: Robots & Drones for social service
	MHS Talk #6: Education, Law & Purpose-Driven Business: what do these have to do with a STEM degree?
	MHS Talk #7: Doctors doing double duty: caring for patients isn't the only doctoring task
	MHS Talk #8: This isn't your mother's doctor's office: bio-medical engineering, White House policy & hospital IT
	MHS Talk #9: Pacifiers, Playgrounds and Post-Retirement - everyone needs a doctor (women in medicine)
	MHS Talk #10: Do we take too much Advil? Working on alternative solutions for wellness & pain relief
	MHS Talk #11: Think BIG - really BIG... dinosaur digs and elephant surgery
	MHS Talk #12: Fauna or Flora - they all need some kind of care
	MHS Talk #13: Don't keep it to yourself - using education to share STEM skills with others
	MHS Talk #14: Diverse teaching platforms - festivals, classrooms, NPR & local learning centers
	MHS Talk #15: MBAs on Wall Street & in Board Rooms (women in business)
	MHS Talk #16: Writing Code: using code for websites, number crunching and logic solutions
	MHS Talk #17: Food is a Science: Innovation at PepsiCo
	MHS Talk #18: Dance - two men, two dancers, two STEM career choices
	MHS Talk #19: Film & TV Production - editing, shooting, directing & producing
	MHS Talk #20: Music & Making: local experts blending technology, creativity and education
	MHS Talk #21: Undecided in your major? Maybe it doesn't matter. Hear these stories of diverse career paths.
	MHS Talk #22: STEM Skills Serving Others: from social research to cardboard engineering

MHS Talks Detailed Descriptions - Friday, March 11, 2016

Roundtable Discussions with STEM Experts

What structures make a bridge - not just girders, but PR, contract law and environmental consulting

MHS TALKS #1 **ROOM S168**

John Kowalski	<p>Bachelor of Science, Civil Engineering, SUNY Buffalo, 1983. Registered Professional Engineer, NY Current: Commercial & Contracts Director at New NY Bridge. Oversee all contractual aspects of the Tappan Zee Bridge project for the NY State Thruway Authority. Previous: Construction Manager for the NYS Department of Transportation (NYSDOT) in Buffalo; Assistant Director on the Lower Manhattan Redevelopment on the West Side Highway, Route 9A for the NYSDOT post 9/11.</p>
Dan Marcy	<p>B.A., Tufts University, Economics, 2009 Current: Community Relations Specialist with NY Bridge Project, in charge of public relations/community involvement/educational outreach Previous: Project Manager, Empire State Development (Economic Development)</p>
Richard Conway	<p>B.E., Manhattan College, Civil Engineering; M.E., Manhattan College, Environmental Engineering, 1981; Graduate Courses/Research Asst., Civil Engineering - Water Resources, Princeton University, 1982 Current: Environmental engineer, Conway Environmental Consulting. Manage the environmental review and approval of major transportation infrastructure projects (e.g. tunnels, bridges, highways, railroads) Previous: Project Manager for the environmental review of the new Tappan Zee Bridge, the new WTC PATH Terminal, LIRR's East Side Access (GCT Connection), Cross Harbor Freight Tunnel, and Bayonne Bridge, among others.</p>

Earth, Wind & ... Solar: environmentalists leveraging new technology to build anew and fix the old

MHS TALKS #2 **ROOM A204**

Maurizio Bertini	<p>Laurea, University of Rome - La Sapienza, Mining Engineering, 1994; Doctor in Engineering Science, Columbia University, Earth and Environmental Engineering, 2003 Current: Assistant Director at NYC Mayor's Office of Environmental Remediation, involved with clean-up and redevelopment of brownfields, noise and air quality mitigations. Previous: NYC Department of Environmental Protection: evaluated potential impact of water treatment plant upgrades; greenhouse gases inventory.</p>
Marc Godick	<p>BS Carnegie Mellon University, Chemical Engineering, 1989; ME Penn State University, Environmental Engineering, 1998 Current: Sr. Vice President, AKRF, a multi-disciplinary engineering and environmental planning consulting firm. Area of focus is environmental consulting with emphasis in subsurface investigation and remediation of soil, groundwater and soil vapor. Team includes geologists, engineers, and scientists.</p>
Oliver Koehler	<p>BA, Brown University, International Relations; MBA, University of Washington Current: CEO, Integrated Solar Technology, a start-up manufacturer of roof and building-integrated solar panels. Previous: Major solar companies, Deloitte Consulting, US Army Officer</p>

Equipment & Tools: STEM knowledge used to buy, sell and design the tools that get projects done

MHS TALKS #3 **ROOM B222**

Anthony Magliozzi	<p>B.S., Penn State University, Mechanical/Energy Engineering Current: Supply Chain Engineer at Turner Construction Company. Bid and purchase mechanical and electrical equipment. Previous: Penn State University - The Humanitarian Engineering and Social Entrepreneurship Project in Nairobi, Kenya</p>
Richard Gerszberg	<p>B.S., Columbia School of Engineering and Science, 1986 Current: President of Jonard Tools, a hand tool manufacturing company Previous: Arthur Andersen consulting 1986 - 1989; store clerk from ages 9 - 17</p>
Joseph Tiseo	<p>B.E., Stevens Institute of Technology, Electrical Engineering, 2008; Master of Engineering, Stevens Institute of Technology, Electrical Engineering, 2013 Current: Digital Design Engineer at Safe Flight Instrument Corporation. Manage and handle the electrical design of various avionics products from their initial conception through production. Design circuit boards that are used in airplane/helicopter safety, and performance computers.</p>

Where we live, eat, shop and even play ball: all designed by these architects

MHS TALKS #4 **ROOM A308**

Susan Rosenstadt-Bresler	<p>Bachelor of Architecture, Cornell University 1976; MBA, Harvard Business School 1979 Current: Deputy Director, Planning, Design and Technical Services at NYC Housing Recovery Office, 'Build It Back' Program which works to restore privately owned homes damaged by hurricane Sandy. Previous: worked with national developers on mid- and high rise rental and for sale housing; managed multi-million dollars projects in Bronxville, New Rochelle and NYC.</p>
Sokol Malushaga	<p>Bachelor of Architecture, Cooper Union, 1997 Current: Principal at Ari Group Inc, a Design and Build Firm. Involved with architecture, interior design, general construction and construction management for residential and commercial projects. Visiting Adjunct Professor at Pratt University. Previous: YAS Structural Engineers, thesis mentor for masters program at NYSID.</p>
Eileen Weingarten	<p>Bachelor of Architecture, Cornell University Current: Senior Vice President, Forest City Ratner Companies. Manage design and construction projects such as the Embassy Suites Hotel, The Museum of Jewish Heritage, the original Shake Shack in Madison Square Park, the Barclays Center Arena in Brooklyn, and the Cornell Tech Campus on Roosevelt Island. Previous: Kohn Pedersen Fox Architects; Morris Aubrey Architects</p>
Liam Winters	<p>BA, Kenyon College, Chemistry; Master of Architecture, University of Texas Current: William G. Winters Architect, specializing in residential and small commercial projects. Owns and operates a millshop to fabricate furniture, cabinets, windows and doors. Previous: Industrial design and manufacturing of missile system parts. Taught photography, millworking and interior design.</p>

Robots and Drones for Social Service
MHS TALKS #5

ROOM B220

- Mohammed Nasir** Current: High School student
CEO and Founder of Supernova Aerospace Corporation. Currently working towards deploying a set of heavy-lifting drones to assist in humanitarian disaster situations.
- Robert Doornick** Current: Founder and President of International Robotics Incorporated.
Produces psychologically designed adult-sized Robotic personalities which act as Surrogate Communications tools with the Learning Disabled, Autistic, ADHD, Handicapped, Seniors and other Special Needs individuals. The programmable and remotely controllable robots also deliver motivational presentations in schools.

Education, Law & Purpose-Driven Business: what do these have to do with a STEM degree?
MHS TALKS #6

ROOM B316

- Marcus Siotkas** BFA, Rochester Institute of Technology, Industrial design; EdM, Teachers College, Columbia University, Counseling Psychology; MA Teachers College, Columbia University, Cognitive Studies in Education (in progress)
Current: Account Management and Product Design, Branching Minds, a startup that that uses cognitive science and artificial intelligence to help struggling learners through a web app. Also: School Counselor, New Rochelle High School
Previous: trading clerk, educational toy designer
- Orane Barrett** BS, University of Rochester, Chemical Engineering, 1998; MBA, MIT Sloan, Finance, 2006
Current: CEO, Kool Nerd Clothing, an inspirational apparel brand with purpose. Kool Nerd Clothing is a movement to inspire and celebrate the passion and creativity of nerds.
Previous: Process Engineer and Operations Manager at Intel Corporation; Investment Banker at UBS, Operations Manager at Credit Suisse
- John Santalone** BE, Manhattan College, Chemical Engineering; JD, Pace University, Law
Current: Managing Partner, Levin Santalone LLP. Engage in the practice of intellectual property law (patents, trademarks, copyright, trade secrets). Prosecute applications before the U.S. Patent and Trademark Office and advise clients on strategies for obtaining and enforcing intellectual property rights, mostly in the chemical, pharmaceuticals and biotech area.

Doctors doing double duty: caring for patients isn't the only doctoring task
MHS TALKS #7

ROOM S165

- Brian Blaufeux** BS, Cornell University, Biology; MD, Albert Einstein College of Medicine; Certificate, Columbia University, Health Information Technology
Current: Chief Medical Informatics Officer, Northern Westchester Hospital. Bridge gaps between doctors, hospital administration, and the I.T. department. Ensure the electronic medical record system maximizes patient benefits, improves doctors' workflows, and complies with government requirements. Also: urgent care specialist at Mount Kisco Medical Group.
Previous: Emergency room physician and director.
- Tatyana Morton** BA, Brandeis University, Biology, 1989; MD, NYU School of Medicine 1993; Internal Medicine Residency Columbia University Medical Center
Current: Internist at New York Presbyterian Medical Group Westchester. Practice outpatient medicine only, in a large multispecialty group. Also currently involved with the implementation of the enterprise-wide Electronic Medical Record as well as with teaching medical students on their primary care rotations.
Previous: practicing at Columbia Presbyterian Medical Center, working as a primary care physician in a large academic center.
- Auxford Burks** BS, Georgia Tech, Biology; MD, Tulane University; Residency (Pediatrics), Children's Hospital of Los Angeles
Current: Director, Pediatric Residency Training Program, Albert Einstein College of Medicine. Run residency training program at an inner-city municipal hospital.
Previous: Community Health Center near Mexico.

This isn't your mother's doctor's office: biomedical engineering, White House policy and hospital IT
MHS TALKS #8

ROOM A208

- Henry Wei** BA, Harvard University, Biology, 1998; MA, Harvard University, Biology; MD, Cornell University, 2002.
Current: Benefits Medical Director, Google. Working to keep Googlers healthy. Also: Inventor working with startups that want to use technology to help doctors and patients.
Previous: Senior Medical Director for Innovation, Aetna. Presidential Innovation Fellow under Obama administration. Worked with U.S. Chief Technology Officer on health information technology innovation.
- Isaac Dapkins (2nd session only)** BS, City College of NY, The Sophie Davis School of Biomedical Education; MD, Mount Sinai School of Medicine
Current: Medical Director, Bronx Lebanon Hospital. Oversee quality of care provided, recruit providers, manage IT development and implementation, use data to drive business development. Care for HIV infected individuals.
Previous: Worked with homeless families in the Bronx.
- Zahi Fayad** BSEE, Bradley University, Electrical Engineering, minor in Mathematics; MSE, Johns Hopkins University, Biomedical Engineering; PhD, University of Pennsylvania, Bioengineering
Current: Professor of Radiology and Medicine (Cardiology), Mount Sinai School of Medicine. Director of the Translational and Molecular Imaging Institute; Vice chair for Research, Department of Radiology at the Icahn School of Medicine at Mount Sinai. Bridge research from engineering to biology and from pre-clinical to clinical investigations to detect and prevent cardiovascular disease in the field of multimodality biomedical imaging (MR, CT, PET and PET/MR) and nanomedicine. Also: Editor of various medical journals. Teacher and mentor to postdoctoral and clinical fellows.

Pacifiers, Playgrounds and Post-Retirement: everyone needs a doctor (women in medicine)**MHS TALKS #9****ROOM B214****Abbe Kirsch**

BA, University of California, Santa Barbara, Liberal Studies; MPH, Columbia University School of Public Health, Population and Family Planning; BSN & MSN, Columbia University School of Nursing, Midwifery
 Current: Co-Director Midwifery, Bronx Lebanon Hospital. Direct clinical care of women in reproductive health, including gynecology. Manage staff of midwives and group prenatal care program.
 Previous: Foster Care agency assisting teens; Education Coordinator at community-based women's healthcare program.

Lara Gordon

B.S., Binghamton University, Psychobiology, 1993; M.D., SUNY-HSC at Brooklyn; Pediatric Residency, Weill Cornell Medical Center, 1999; Fellowship in Child Abuse Pediatrics, Weill Cornell Medical Center, 2003.
 Current: Pediatrician at Upper East Side Pediatrics. Serve as Assistant Attending Pediatrician at NYPH-Cornell and as Assistant Professor of Pediatrics at Weill-Cornell Medical Center. Work with pediatric residents and medical students in the pediatric and adolescent clinics. Serve as Director of the Division of Child Protection at NYPH-Cornell Medical Center to evaluate and treat children who are suspected victims of child abuse and/or neglect. Member of both the New York City Task Force on Child Abuse and Neglect and the NYPH Child Protection Committee.

Polina Gilchyonok

MD St Petersburg Medical Institute
 Current: Medical Director, Port Chester Nursing and Rehabilitation Center, with specialties in Internal Medicine and Geriatrics
 Previous: Attending Physician, Dumont Center; Sprainbrook and Eastchester Nursing and Rehab Centers; Internal Medicine, private practice

Do we take too much Advil? Working on alternative solutions for wellness and pain relief**MHS TALKS #10****ROOM A253****Kathy Casey**

BS, Mercy College, Business Administration; NYS Certification, Paralegal, Mercy College; MS, Pacific College of Oriental Medicine, Acupuncture and Oriental Medicine
 Current: Owner, Licensed Acupuncturist, Touchstone Acupuncture. Private practice focusing on supporting health and wellness with Chinese medicine, patient education and coaching.
 Previous: Hospitality, Real Estate Broker, Paralegal, Sales Coach, Public Speaking

Sean Fitzpatrick

BS, Ithaca College, Health Administration
 Current: Owner/Manager, One2One Bodyscapes, a personal training studio. Study functional biomechanics, motivate people, address injuries, and coach lifestyle changes, finding the right balance of challenge and fun.
 Previous: Personal Trainer, Equinox; Aquatics and Fitness Director, Mamaroneck Beach and Yacht Club

Bob Fanelli

BA, Iona College, Philosophy/Psychology; MS Long Island University, Exercise Physiology
 Current: Rehab Therapist, Bobby By Design, Inc. Perform orthopedic rehabilitation in private practice. Also: Teaching assistant for the Gray Institute Fellowship program in Applied Functional Science
 Previous: Clinical Director, Cardiac Rehab St. John's Riverside Hospital; Psychiatric Technician, Silver Hill Hospital, Stamford Hospital

Think BIG - really BIG... dinosaur digs and elephant surgery**MHS TALKS #11****APPLE SCIENCE ROOM****John Sykes**

BS, Yale University, Biology; DVM, Cornell University, Veterinary College
 Current: Wildlife Conservation Society/Bronx Zoo, Senior Veterinarian, clinical department head. Part of the team responsible for the health care of animals at the Bronx Zoo, Central Park Zoo, Prospect Park Zoo, Queens Zoo, and the New York Aquarium. Provide medical care for all the animals from fish to elephants including physical examinations, collecting blood or other samples, observing

Kate Dzikiewich

B.S., University of Virginia, Biology, 2009, M.R., North Carolina State University, Paleontology 2014
 Current: Paul Griswold Howes Fellow at Bruce Museum of Arts and Science, plan and execute programs associated with exhibitions and science education programs, assist the Curator of Science with research and preparation for exhibits, and create scientific figures and promotional graphics
 Previous: Educational Experience Developer, National Museum of Natural History, Molecular Paleontology Researcher, North Carolina State University

Fauna or Flora - they all need some kind of care**MHS TALKS #12****ROOM S267****Jay Archer**

Rutgers School of Urban Ecology, 1989; School of Professional Horticulture and Landscape Design at the New York Botanical Garden, 1994
 Current: President at Green Jay Landscaping. Landscape Designer including developing educational programs for industry professionals. Experience in wetland restoration and storm water management.
 Previous: Interpretive Naturalist for The Nature Conservancy, Volunteer Educator for Audubon and Sheldrake Environmental

Kerilee Hunter

B.A., Sarah Lawrence College, 2006, M.S.Ed., Sarah Lawrence College, 2007
 Current: Supervisor of Education and Volunteers at Greenburgh Nature Center, coordinate all aspects of volunteer program; partake in animal husbandry; create and execute curriculum revolving around nature, ecology, and sustainability. Previous: Front of House Staff, Blue Hill at Stone Barns, Lead Teacher, Weekday Nursery School

**Alex Spitzer
(1st session only)**

B.S., SUNY Environmental Science and Forestry, Wildlife Science, 2010
 Current: Educator at Wolf Conservation Center, teach programs and lead camps.
 Previous: Educator at International Wolf Center.

Don't keep it to yourself - using education to share STEM skills with others**MHS TALKS #13****APPLE SS ROOM**

Dr. Marion Goldstein	Ed.D. (Doctor of Education), Teachers College, Columbia University, Department of Math, Science, & Technology; 2009; M.A., New York University, Educational Communication and Technology, 2004, B.A., University of Pennsylvania, 1999 Current: Senior Research Associate at Education Development Center's Center for Children & Technology, develop strategies to strengthen STEM education Previous: a variety of jobs including camp counselor, journalist, public relations manager, and health care researcher.
Theresa Michna	B.S. Cornell University, Psychology, 1979; M.A. Indiana University, 1981; Certificate, Columbia University, I.T. Design, 1985 Current: Adjunct at EF International, Teach math to undergrads who are preparing for their GRE, GMAT or SAT exams. Also teach art to grades 2-6 at FASNY. Previous: Project Manager, Worldcom; Project Writer, International Atomic Energy Commission, Vienna, Austria, Substitute Teacher, English and Art, French American School, Larchmont
Jaclyn Avidon	B.S., Lafayette College, Physics, 2012 Current: Freelance producer, manage production of educational apps and software Previous: Conducted research on Jupiter's icy moon Europa. Interned at NASA's Jet Propulsion Lab at CALTECH. Member of the Board of Directors of the Amateur Astronomers Association of New York. Served as Chair of the Association's School Outreach Committee, and as instructor for the Association's classes.

Diverse STEM teaching platforms - festivals, classrooms, NPR and local learning centers**MHS TALKS #14****ROOM B310**

Kristine Budill	M.S., MIT, Electrical Engineering and Management Science, 1993; B.S., Yale University, Electrical Engineering, 1989 Current: Director, E.E. Ford Program in Architecture, Engineering & Design for the Common Good at School of the Holy Child, an all-girls, independent Catholic School. Teach math, engineering and computer science. Most interesting part of position is developing the curriculum for the the engineering class that incorporates the technology (3-D printer, laser cutter, circuit kits) in our new design studio and also gives back to the community.
Sarah Evans	BA, Antioch College, History; MEd, Rutgers University, special education; MFA Manhattanville College, creative writing Current: volunteer at Marine Education Center Previous: Elementary School Teacher, taught basic science and sponsored Environmental Focus Groups, served on Mamaroneck Committee for the Environment for 6 years. Helped start the Marine Education Center.
Ann Marie Cunningham	B.A., Trinity College, 1968 filmmakers. Translate science for the general public in magazines, newspapers, books, and the web. Women's eNews. Previous: editor for Natural History Magazine, followed by other jobs in science broadcasting, both television and radio. Worked for President Jimmy Carter's Commission on the Accident at Three Mile Island.

MBAs on Wall Street and in Board Rooms (women in business)**MHS TALKS #15****ROOM B233**

Michelle Teitsch	BS, SUNY Binghamton, Management with finance concentration; MBA, Columbia Business School Current: Managing Director, Associate Director of Equity Research, North America for Morgan Stanley. Manage about 30 equity research analyst teams that are responsible for providing in-depth analysis of companies within specific industries, in order to publish stock recommendations and market ideas to investors. Very involved with campus recruiting. Previous: Global Training Program, Bankers Trust; Portfolio Manager, Milestone Capital Management. Have worked in finance since 1993, with a brief hiatus for business school.
Ann Lefever	BS, Georgetown University, Finance; MBA, University of Pennsylvania, The Wharton School endowments/foundations and chair the Board of Trustees for a private high school. Previous: Managing Director and Member of Equities Management Team, Barclays Capital and Lehman Brothers; Principal, Sanford Bernstein. Vice President, Bankers Trust.
Michelle Snyder	Bachelor of Commerce, McIntire School of Business, University of Virginia; MBA, Fuqua School of Business, Duke University Current: Director, Business Analytics and Insights, World Wide Commercial Development, Oncology, Pfizer. Strategic thought partner for oncology assets. Also conducts a full range of research, including direct-to-consumer research for TV ads. Previous: Boston Consulting Group, Coca-Cola Company, Price Waterhouse Coopers

Writing Code: using code for websites, number crunching and logic solutions**MHS TALKS #16****APPLE MATH ROOM**

Michael Tolle	BS Mechanical Engineering, Villanova University; MBA, New York University Current: Director, Data Analytics and Business Strategy, Innovative Commercialization. Recently accepted into Northwestern's program for an MS in Predictive Analytics. Previous: founded Specialized Home Healthcare, LLC, a company that drives advancements in specific home-based healthcare capabilities using data analytics and technology; Mastercard; Goldman Sachs; Young & Rubicam; IBM
Lee Wexler	B.A., Harvard College, Computer Science, M.A. University of California, Berkeley, Energy and Resources Current: Software developer at Extremely Heavy Industries. Previous: Lead web developer at a major hedge fund. Introduced web dashboards, innovative visualizations, and mobile applications to executives throughout the firm. Director of Technology at EF Englishtown. Created the core technology for an online language school. Senior GUI-toolkit developer for the Curl programming language. Created software for both clothing and construction industries.
Joseph Astorina	BS, Georgetown University, Business; MBA, New York University Current: Head of ABS Research, AllianceBernstein. Oversee asset-backed securities research, including fundamental and relative-value research and make investment recommendations. Previous: Director in US Securitization Research, Barclays
Elissa Tauber	BA, University of Pennsylvania, Mathematics Current: Vice President, Actuarial Developer, Winkelvoss Technologies; develops software using math and logic to solve problems for clients

Food is a Science: Innovation at PepsiCo
MHS TALKS #17

ROOM B326

Dawn-Marie Moyer	B.S. The Pennsylvania State University, Food Science, 1998 Current: Senior Principal Scientist, Product Development. Lead the product development and commercialization of key initiatives for the Cola team, focused on sugar reduction and new product innovation. Previous: Senior Group Leader at Kraft Foods - developed and launched multiple products under the Ready-to-Drink, Liquid
Sandhya Sridhar	M.S Food Science University of Wisconsin-Madison; M.S in Nutrition, Columbia University; B.S. Biochemistry, Mysore University, India Current: Associate Principal Scientist at PepsiCo. New product development - Cola innovation. Developing new products for the Japanese market. Previous: Developed confectionery products for Nestle for Mexico and US markets

Dance - two men, two dancers, two STEM career choices
MHS TALKS #18

TIERED CLASSROOM

Jhonasttan Regalado	BA, Baruch College, CIS; NYU-Poly, Management of Technology Current: IT Operations manager at Deutsche Bank. Manage a team of highly skilled application support specialists on day-to-day operations and coordinate short / long term production stability projects. Previous: Retail and Customer Service. Alumnus of the National Dance Institute class of 1991.
Aaron Thao	ScB, Brown University, Human Biology, 2009 Current: Ballet Director at Hudson Valley Youth Ballet. Manage school curriculum, faculty, and studio company rehearsals & performances. Previous: Dancer at Exit 12 Dance Company, Spark Movement Collective, Continental Ballet Company, Mook Dance Company, Ballet Theater Company. Founder of a non-Profit: Voices Transposed, benefit performance. MD candidate, Clinical Research in Pediatric Epidemiology/Adolescent Psychology, Drug Safety (Pharma), Youth and Aids Project

Film & TV Production - editing, shooting, directing and producing
MHS TALKS #19

ROOM S265

Adam Reist	B.A. University of North Carolina, Radio, Television, Motion Pictures 1989 Current: Director/Creative Director at Coastline Pictures, direct, produce and edit videos, Commercials and independent film. Also currently working on a documentary on Women's Rowing titled "Dare to Be". Previous: Directed the CBS Soap Opera - "Guiding Light", stage-managed "The Rachel Ray Show", directed Yoga show - "Yoga Sutra Now".
Brad Garfield	BA, Theatre Arts, California State University Northridge Current: Executive Producer/Director, North Ridge Productions. Directs, produces, films, writes and edits a diverse variety of television productions. Productions have included the Olympics, Sesame Street, The Chris Rock Show and work for non-profits such as Kids For World Health and Projects for Darfur. Previous: two-time Emmy Award Winning Director.
Emilie Deutsch	BA, Stanford University, International Relations, 1980 Current: VP, Original Programming at CBS Sports. Oversee production of all original programming and features for CBS Sports. Previous: feature and documentary producer at ABC Sports; coordinating producer "We Need to Talk" - first all-female sports talk show; 6-time Emmy Award winner; Arthur Ashe Leadership Award for work focusing on African-Americans and women.

Music & Making: local experts blending technology, creativity and education
MHS TALKS #20

APPLE ENGLISH ROOM

Vanessa Ridder	BA., Fairfield University, Psychology/Fine Arts program that provides individual music lessons taught by working musicians, group rehearsals, and performance experience. Previous: Sr. Marketing Analyst at Exult Inc. (now Aon Consulting); Creative Director, The Delve Group Inc.; Public Information Officer, Mount Vernon City School District
Victor Ridder	BA Fairfield University, Political Science Current: Owner, Music Director, General Manager, School of Rock Mamaroneck, a performance-based after-school music education program that provides individual music lessons taught by working musicians, group rehearsals, and performance experience.
Peter Denenberg	BPS Empire State College Current: Head of Music & Technology, chair of Studio Production at Purchase College, Record producer /engineer with multi-platinum credits, many grammy and academy award nominated projects, still working free-lance and as educator.
Travis Sluss	Purchase College Conservatory of Music, Music Production Current: Founder and CEO of MacInspires Technology Store, providing technology consulting, products, and classes for youth and adults. Previous: Entrepreneur for life. Also worked in Apple retail, as shop manager for Polo Ralph Lauren, and for production companies.

Undecided in your major? Maybe it doesn't matter. Hear these stories of diverse career paths.**MHS TALKS #21****ROOM B314**

Dr. Richard Davidson CCSP, New York Chiropractic College, Certified Chiropractic Sports Physician, 1992; D.C., New York Chiropractic College, Doctor of Chiropractic, 1990; B.A., Univ. North Carolina, Journalism 1980
Current: Westchester Family Chiropractic and Wellness, provide chiropractic care and lifestyle advice to patients in lower Westchester

Ellen Kaldor BS, Duke University, Psychology; MPT, Emory University, Physical Therapy; MEd, Teachers College, Columbia University
Current: Physical Therapist, Westchester Therapy Solutions. Facilitate in the development of gross motor milestones in children aged 0-5 through the Early Intervention and CPSE programs. Also: Physical Therapy Instructor
Previous: Various acute care settings, rehabilitation and outpatient facilities including NICU, treating premature children.

Benjamin Hopkins PhD, Columbia University, Biology; MA Yale University, Religion; BA, Amherst College, Religion
Current: Postdoctoral fellow, Weill Cornell Cancer Center, studying the roles of tumor suppressor proteins in normal and disease states.

STEM Skills Serving Others: from social research to cardboard engineering**MHS TALKS #22****ROOM A302**

Jeanne Matich-Maroney Ph.D, New York University, Clinical Social Work, 1996, MSW, New York University Clinical Social Work, 1986, B.S., New York University, Social Work, 1985
Current: Associate Professor, Director of Center for Social Research at Iona College Social Work Department. Oversee and coordinate community-based research for contract organizations, analyze and "translate" research data for community use in making data-driven decisions, conduct educational outcomes assessment research, teach courses in the social work curriculum
Previous: Director of Clinical Services & Program Design for an agency serving people with intellectual and developmental disabilities birth through old age. Clinical supervision to social workers and psychologists providing services to adults with ID/DD's and a co-occurring mental health issue.

Pam Bolton BA, Wesleyan Univ, Science in Society Program, 1982; MHS, Global Health, Johns Hopkins Bloomberg School of Public Health, 1987; MBA, Zicklin School of Business, Baruch College (CUNY), 2005
Current: VP, Innovation & Strategy at Concern Worldwide U.S. Lead a program called Innovations for Maternal, Newborn and Child Health, that discovers and tests new ways to help women and children adopt healthy behaviors and access health care services in poor countries across Africa.
Previous: worked in global health for many years, mainly in/with Africa but also in Latin America.

**Rocio Alonso
(2nd session only)** 5yr Bachelor's Degree, Universidad Nacional de Colombia, Industrial Design, 2005
Current: Designer and Fabricator at Adaptive Design Association. Designs, develops, and fabricates customized equipment for people with disabilities in a multidisciplinary environment.
Previous: Lead Designer. Product Development. Production Assistant, Creative Sourcing International.
Designer. Office Manager, Tecnimuebles, Bogotá-Colombia. Design Assistant (internship) Volare, Bogotá-Colombia.