

Opportunities Week of 9/22/17

SB's College of Business Fast Track MBA Program: This program combines a bachelor's degree with a 48 credit MBA degree. The Fast Track program is designed for high achieving non-business majors. The basic requirements for the program are to have a 3.2 cumulative SBU GPA, be in one of the 50 approved majors on campus, and have taken an introductory level calculus course. For the application we require students to submit a resume, personal statement, and 2-3 letters of recommendation.

Info Session on Wednesday, October 11th at 1 PM, Harriman Hall 304

RSVP for the info session at

[http://docs.google.com/forms/d/e/1FAIpQLSdAoEs67NjleMC4coOXLSyxw6Ej6reHoquJLqPfwR5i_Sxiq/v
iewform](http://docs.google.com/forms/d/e/1FAIpQLSdAoEs67NjleMC4coOXLSyxw6Ej6reHoquJLqPfwR5i_Sxiq/viewform)

Stony Brook Young Investigators Review: Currently looking for research highlight writers who would write short 300 word highlights once a month.

Please look on our website at sbyireview.com for examples, and email us a written sample at younginvestigators@gmail.com. You can also email us if you have any questions.

Master's Program at Columbia University: Columbia offers a one-year Master of Science program with tracks in Toxicology and Radiological Sciences, as well as a two-year Master of Public Health program.

Please see attached flyers for more info on these graduate programs

Arizona State One-Year Master of Science and Technology Policy: The ASU Master of Science & Technology Policy program (MSTP) is a one-year program that uniquely prepares its graduates to have an impact in today's technologically complex world. Drawing on some of the world's leading experts and innovative thinkers, it is designed to train future leaders, policy makers and analysts in tackling complex issues that range from space exploration, climate change, energy security and responsible innovation, to public health, global development and social justice. Program includes a 2-week immersive capstone experience in Washington, D.C.

Interested students can find out more at <http://sfis.asu.edu/mstp-welcome> or contact sfisgrad@asu.edu.

Princeton Review Discounts: The Stony Brook Alumni Association has partnered with The Princeton Review to offer SBU alumni and students the benefit of 10%* off in-person and LiveOnline MCAT, LSAT, GRE and GMAT Ultimate courses. **Receive an automatic 10% off** when you enroll through our co-branded website or mention **promo code STONYBROOK** to receive 10% off when you call

Find more info and view offerings here: <https://origin-www.princetonreview.com/partner/stony-brook#!Test-DAT>

*Disclaimer: Undergraduate Biology does not endorse or take responsibility for any off-campus programs listed in Opportunities emails. While we do our best to vet any opportunity that is shared, please let us know immediately if you are suspicious of any employers/programs.



Arizona
State
University

Master of Science & Technology Policy

with one-year option

sfis.asu.edu/mstp-welcome

ASU School for the
Future of Innovation
in Society
Arizona State University

The Arizona State University **School for the Future of Innovation in Society's** one-year Master of Science & Technology Policy program (MSTP) uniquely prepares our graduates to have an impact in today's technologically complex world. Drawing on some of the world's leading experts and innovative thinkers, we are training future leaders, policy makers and analysts in tackling complex issues that range from climate change, energy security and responsible innovation, to public health, global development and social justice.

The **MSTP program** is suited to anyone interested in a career where they work to ensure that science and technology serve society through responsive and effective policy development and implementation. Our students come from a very wide range of backgrounds, and go on to develop successful careers in government, business, academic institutions, and non-government organizations.

What are the benefits?

- One-year program (full time) or two-year program (part time)
- A program that tailors learning to career goals
- Opportunities to participate in diverse, relevant research projects
- The opportunity to work with internationally renowned experts
- An intensive, immersive capstone experience in the nation's capital
- Networking with science & technology policy leaders
- Career opportunities in government, business, academic institutions, and non-government organizations

What will you learn?

- Historical, social and institutional foundations of science & technology policy
- Critical skills and methods for policy analysis and development
- Effective policy communications skills and techniques
- Career path-specific knowledge and expertise
- Working effectively with scientists, policy makers, elected officials, and others
- Cutting edge approaches to ensuring socially responsive and responsible technology innovation

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Andra Williams
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Visit us online at:
sfis.asu.edu/mstp-welcome

School for the Future of Innovation in Society
Arizona State University
P.O. Box 875603 • Tempe, AZ 85287-5603
sfis.asu.edu • 480-727-8787

Our Alumni

Graduates of the ASU Master of Science and Technology Policy program go on to pursue a variety of careers. For example:

**Natalie DeGraaf**

Graduated: August 2011

Currently: Public Health Analyst and Advisor, Division of Select Agents and Toxins, Office of Public Health Preparedness and Response - Centers for Disease Control and Prevention

**Kevin Margeson**

Graduated: May 2012

Currently: Aerospace Program Management and Supply Chain Leader, Arizona State University

**Alaina George**

Graduated: December 2012

Currently: PhD Student, Human and Social Dimensions of Science and Technology - Arizona State University; Tele-Education Coordinator - Indian Health Services, NM

**Jeffrey Jennings**

Graduated: May 2014

Currently: Sustainability Project Coordinator - Arizona Public Service (APS)

**Melissa Cannon**

Graduated: December 2014

Currently: Program Coordinator - NASA- Goddard Space Flight Center, Universities Space Research Association

**Anthony Gryniewicz**

Graduated: August 2015

Currently: Energy Policy Advisor at the US Department of Energy

**Jordan Hibbs**

Graduated: August 2015

Currently: Presidential Management Fellow at the U.S. Department of Energy, Building Technologies Office in Washington, D.C.

**Nathanael McIntyre**

Graduated: August 2015

Currently: Advisor for Industry Affairs and Outreach at the Federal Aviation Administration

**Neekta Hamidi**

Graduated: December 2015

Currently: Healthcare Consultant - Watson Health at IBM

**Brandon Riddle**

Graduated: August 2016

Currently: Project Management Specialist – Boeing Space Launch Systems



Environmental Health Sciences



A leader in the field, Columbia University's Department of Environmental Health Sciences (EHS) is dedicated to combining laboratory science, field research, and community-based efforts to understand the impact of environmental exposures on human health.

Our faculty provides students with unique, interdisciplinary training through coursework, hands-on research, and practicum experience.

Why Environmental Health Sciences?

You are interested in understanding:

- The impact of climate change on human health and disease transmission
- The basis of the asthma epidemic
- The impact of maternal exposure to air pollution and other toxicants on child development
- How metal exposure, such as lead and arsenic, impact the nervous, cardiovascular, and pulmonary systems
- How science can shape environmental policy and lead to sustainable development
- The causes and consequences of racial and economic disparities on health

DEGREE PROGRAMS

Master of Public Health (MPH)

- 2-year program
- Five Certificate offerings:
 - Climate and Health
 - Environmental Health Policy
 - Molecular Epidemiology
 - Toxicology
 - Global Health

Master of Science (MS)

- 12-month Toxicology program
- 18-month Radiological Sciences program

Doctor of Philosophy (PhD)

- Four areas of focus:
 - Exposure Science and Environmental Epidemiology
 - Environmental Epigenetics and Molecular Mechanisms
 - Environmental Prevention and Mitigation
 - Climate and Health

Doctor of Public Health (DrPH)

Why Environmental Health Sciences at Columbia?

- Small class sizes focused on individualized instruction and attention
- World-renowned faculty with collaborative research on local, regional, and global levels
- Nurturing learning environment through rigorous coursework and hands-on research
- Wide range of research opportunities from cellular and molecular mechanisms to population public health and policy
- Access to extensive resources within the University, Medical Center, and New York City

A Selection of Our Research

- Community-based research and outreach programs in underserved NYC neighborhoods
- Groundwater arsenic research in New England, Native American tribal communities, Bangladesh, and Vietnam using molecular epidemiology
- Air pollution research in NYC, Europe, and China
- Research on epigenetic changes caused by exposure to endocrine disruptors
- Climate change and mosquito research in NYC and West Africa through computer modeling and real-time data collection
- Cook stove and alternative energy technology research in Ghana, Cameroon, and India



2016–2017 ACADEMIC YEAR

18 Full-time faculty members

54 Master's students

15 Doctoral students

OUR GRADUATES

Assume leadership positions in government, healthcare, universities, nonprofits, and the private sector, including:

- EPA
- CDC
- NYC Department of Health and Mental Hygiene
- CareFirst
- BlueCross BlueShield
- Ambient Group
- NRDC
- CDM Smith
- Citibank

GET IN TOUCH

Contact Nina Kulacki at
njk2128@cumc.columbia.edu

Master of Science (MS) in Radiological Sciences

The Columbia University Department of Environmental Health Sciences (EHS) seeks to understand the effect of radiation exposure on human health and disease.

EHS laboratory and field-based research underpins efforts to protect us from the adverse effects of radiation exposure. Our faculty provide students with a unique, interdisciplinary environment to build radiological expertise through coursework, hands-on research, and practicum experience.

Why Radiological Sciences at Columbia?

- Gain a competitive edge for your career by pursuing an advanced degree
- Multi-disciplinary collaborative opportunities with the Columbia Center for Radiological Research, as well as other departments within the Medical Center and on the Morningside campus
- Learn from world renowned faculty in an outstanding educational environment with global impact
- Individualized instruction and mentoring
- The value of a Columbia degree to potential employers

Program Overview

- 18-month Master of Science (MS) in Radiological Sciences Degree with a part-time option available
- The first accredited program offered by a School of Public Health
- Mentorship, research, and practicum opportunities with faculty in EHS and the Columbia University Center for Radiological Research



Our Students

We prepare students for leadership positions in:

- Local, State, or regional Health Departments or environmental protection agencies
- Federal agencies including the EPA, FDA, NRC, NCI, NIH
- Educational institutions
- The private sector
- The military
- Non-profit foundations

Get in Touch

- More information at mailman.columbia.edu/ehs
- Contact Nina Kulacki at [nj2128@cumc.columbia.edu](mailto:njk2128@cumc.columbia.edu)

Master's Degree in Toxicology

The Columbia University Department of Environmental Health Sciences (EHS) is dedicated to understanding the adverse effects of environmental exposures on human health and disease.

EHS laboratory and field-based research underpins efforts to protect human populations from toxic compounds found throughout our environment. Our faculty, who are dedicated to both teaching and research, provide students with a unique interdisciplinary environment to build expertise through coursework, hands-on research, and practicum experience.



Why Toxicology at Columbia?

- Gain a competitive edge for your career by pursuing an advanced degree
- Learn from world renowned faculty in an outstanding educational environment with global impact
- Individualized instruction and mentoring
- The value of a Columbia degree to potential employers

We offer two Program Options

Master of Science (MS) in Toxicology

12 month program
(Part-time option available)

More technical expertise and quantitatively-based curriculum through the lens of EHS

Master of Public Health (MPH) with a Toxicology Certificate

24 month program

Broad public health expertise via an integrated curriculum across six departments

Our Students

We prepare students for leadership positions in:

- Local, State, or regional Health Departments or environmental protection agencies
- Federal agencies including the EPA, FDA, CDC, USDA
- Educational institutions
- The private sector
- Non-profit foundations

Get in Touch

- More information at mailman.columbia.edu/ehs
- Contact Nina Kulacki at [nj2128@cumc.columbia.edu](mailto:njk2128@cumc.columbia.edu)