



**Environmental Consortium**  
of Hudson Valley Colleges & Universities

*presents its 4<sup>th</sup> Annual Student Summit*



# **Building Your Green Future: Choosing a Career and Degree with Sustainability in Mind**

**Friday, April 3, 2009**

**Mercy College  
Dobbs Ferry, NY**

Supporting Partner



Co-Sponsors



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## Event Summary

On April 3, 2009 the 4th Annual Student Summit of the Environmental Consortium was held at Mercy College in Dobbs Ferry, NY. *Building Your Green Future: Choosing a Career and Degree with Sustainability in Mind* attracted 125 attendees from more than two dozen institutions around the region, more than 20 of them being [members of the Consortium](#). Kevin Doyle, Principle of *Green Economy*, delivered the keynote. The attendees of the Student Summit were given the opportunity to attend a breakout session of their choice, led by professionals in various environmental fields. The event concluded with an environmentally themed graduate program and career fair. Spaces for graduate programs were made available exclusively to member institutions.



Kevin Doyle is one of the nation's leading experts on employment trends in the rapidly expanding world of "green jobs." He is the co-author of three popular books about green careers, including *The ECO Guide to Careers That Make a Difference: Environmental Work for a Sustainable World*, *The Complete Guide to Environmental Careers in the 21st Century*, and *The New Complete Guide to Environmental Careers*. His advice to green career seekers appears frequently on the popular website [Grist](#) and he has delivered speeches and workshops about careers in the green economy at over 100 colleges nationwide.

Greg Clary quoted Doyle in his April 17, 2009 article, [Future green workers will be problem solvers](#), "This is our moment ... an unprecedented time," Doyle said. "If we cannot take advantage of this moment, with all of the forces at play, I don't know when we can do it." Doyle's advice to students was to a) understand your industry, b) clarify your motivations – what are your dreams, values, and goals, c) improve career search skills – which includes networking, finding others that are in the field you aspire to and get to know them and how they got there, and d) develop your skill set. Some of the top skills that "green" employers look for are communication skills, collaboration abilities, creativity, innovative thinking, broad environmental sciences understanding, problem-solving, and mastery of information technology.

Following the keynote, attendees of the Student Summit were able to choose one breakout session out of six offered, to gain a better understanding of specific environmental fields. The topics of these breakout sessions were, Consulting & Engineering, Green Building & Energy, Conservation Biology & Ecology, Environmental Law & Policy, Environmental Public Health and Environmental Communication & Journalism. The sessions were led by professionals that practice in these specific career fields. At the end of the breakout session, the attendees compiled a list of the top things that they didn't know about that specific career field.

Consulting & Engineering was led by Carolyn A. Lowe, PE, Associate at Malcolm Pirnie, Inc. At Malcolm Pirnie, and other similar environmental engineering consulting firms, we assist clients with finding solutions to their environmental problems. Our clients include local municipalities, cities, the federal government, and commercial and industrial businesses. This size of a project can range from a very small assignment to very large project which spans as much as five to ten years to complete. Sometimes the goal of the project is to meet local, state or federal regulations. Other times it is to improve the aesthetics (taste, odor, appearance) of our client's environmental facilities and their products/emissions. The projects generally involve drinking water, wastewater, solid waste (garbage), hazardous or contaminated waste and any other constituent that may enter the surrounding air, soil or water body. Project teams can include a variety of engineers, architects, scientists, planners and financial analysts, among others. Most employees are encouraged to pursue professional licenses or certifications in their field to increase their technical expertise and credentials. Students top informational facts about the field were: 1. There is variability in consulting and engineering, you are not pigeon-holed in certain careers; 2. Consulting firms are involved in all stages of the project - planning through to implementation; 3. Consulting and project can span over many years.



Green Building and Energy was led by Donald van Rhyn, LEED® AP, Founder and Chair of the Fairchester Green Building Council. Green Building, including Green Energy, has a vital role in improving the sustainability of the world given that buildings account for 39% of all carbon emissions in the U.S. and only one in 1,000 buildings is a high performance building with an efficiency of 50% or better. The goal of Green Building is to make all buildings healthier while reducing the amount of resources needed to build and operate them. A rating system, such as LEED, Green Globes or Energy Star, is a process for evaluating the sustainability of buildings. A LEED Accredited Professional (LEED AP) is a designation which is valuable in a wide variety of R.E. professions. Usually the LEED AP is the pivotal role in the process of certifying LEED buildings.

Through a career in Green Building you can have a major impact on the way buildings are built and managed as well as on the impact on the occupants. The real estate industry needs trained professionals who can incorporate sustainability into all phases of a building's life starting with Integrated Design by architects, engineers and designers. Other areas are Financing and Construction, as well as Operations by facilities managers. In the public sector, roles include land use and civil engineering. Types of careers that fall under the category of green building and energy may include, but are not limited to: LEED Consultant, Facility Manager, Architect, Engineer – PE, Interior Designer, Procurement, Energy Analyst, CEM – Certified Energy Manager, Solar Energy Design and Installation, Engineer – Industrial Designer. Students' top informational facts about the field were 1. 19% of energy consumed is used to move water; 2. Demolition materials can be recycled, such as carpet, tiles, etc.; 3. Use building controls for efficiency.

Conservation Biology and Ecology was led by Fred Koontz, Ph.D., Executive Director of Teatown Lake Reservation. Conservation biologists and ecologists are employed in a broad variety of occupations. Conservation biologists are concerned with the science of preserving biodiversity and promoting sustainable living, including mitigating the effects of people on the environment. Ecologists focus on understanding the distribution and abundance of species, especially the interactions between species and their abiotic surroundings. Increasingly, conservation biologists and ecologists besides understanding biological processes must study economics, policy, and human behavior. They must also be prepared to work in multi-disciplinary teams, often under field conditions and sometimes in remote areas. Effective oral and written communication skills are essential.

Conservation biologists and ecologists can work in academia -- focusing on teaching and research (more theoretical) -- or in government agencies, non-profit organizations, and private consulting firms (more applied). The spatial scope of work can vary from community to international. Typical work titles range from ecologist to program directors to policy analysts to professors. It is essential to narrow your focus early in your career development, and get hands-on experiencing with one taxonomic group or one conservation issue. Volunteering and internships are valuable ways to gain practical experience and strengthen your network of contacts. Students' top informational facts about the field were 1. Saving nature is essential for sustainable living; 2. Possible emerging job pool is Conservation Medicine, which links biodiversity to human health; 3. The conservation of private land shows the integration of society with private and protected lands.

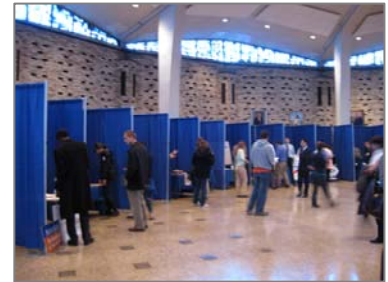
Environmental Law and Policy was led by Marla Wieder, Esq., Assistant Regional Counsel for the US Environmental Protection Agency, Region 2. Despite the current economic conditions, it's an exciting time to be in the environmental field. We have much reason to be optimistic in light of President Obama's goal of making the U.S. a leader on climate change. This administration has already put forth an unprecedented plan to invest in alternative and renewable energy, end our addiction to foreign oil, address the global climate crisis and create millions of new green jobs. While numerous challenges lie ahead, many of us believe our country is moving in the right direction on a range of environmental issues. The Environmental Law and Policy session presented participants with an overview of the dynamic and complex field of environmental law and policy. In the session career options in the public and private sectors, emerging fields of practice and new specialties were discussed. Students' top informational facts about the field were 1. The Dredging of the Hudson River starts in May; 2. Only 6% of Environmental Protection Agency employees are lawyers; 3. The Environmental Protection Agency does local initiatives, as well.



Environmental Public Health was led by Dennis Croswell, Environmental Health Program Manager for New York State Department of Health, Division of Environmental Protection. The NYSDOH's Center for Environmental Health along with its four regional offices and 45 local health departments employ over 1500 graduates with science and engineering degrees. Staff in environmental health programs apply scientific, medical, engineering and public health expertise to identify, understand, prevent, and mitigate risks to human health from New York State's living and working environments. Students' top informational facts about the field were, 1. The New York Department of Health is organized at a local level; 2. The Department of Health administers a diversity of programs from medicine to restaurant checks; 3. Public health is often taken for granted.

Environmental Communication and Journalism was led by Greg Clary, Staff Writer for The Journal News. Covering the environment just keeps getting more interesting - and more important. All over the country, news organizations are cutting staff at a time when clean air, fresh water and nuclear safety continue to rank high on any thinking person's list of priorities - so the environment remains an critical beat. What will happen as newspapers go digital is anyone's guess, but eventually people will realize they can't keep getting news for free online and still trust that it's fair and accurate. Students' top informational facts about the field were, 1. Journalists don't like to unionize; 2. Multi-media skills are as important as writing skills; 3. We need as much money as the bail out to clean our water.

The 4th Annual Student Summit concluded with a Graduate Program and Career fair. This gave the attendees an opportunity to connect with their peers and network with the 26 exhibitors that were present. 10 Member Institutions exhibited their environmentally related graduate programs for attendees who were interested in furthering their studies. There were 16 non-institutional exhibitors that presented career opportunities ranging from government, diverse non-profit organizations, marketing, architecture and transportation. The Mercy McNair Scholars research posters on a number of environmental issues were also displayed at the career fair.



# Event Agenda

- 11:00 am      **Check-in**
- 11:30 am      **Welcome**      **Patricia M. Chute, Ed.D.**  
Interim Dean, School of Health and Natural Sciences  
*Mercy College*
- Keynote**      **Kevin Doyle** "Careers for Sustainability"  
Principal, *Green Economy*  
Co-author of *The ECO Guide to Careers That Make a Difference: Environmental Work for a Sustainable World*  
Green Careers Advisor, *Grist Magazine*
- 12:30 pm      **Lunch**
- 1:15 pm      **Career Breakout Sessions**
- Consulting & Engineering      **Carolyn A. Lowe, PE**  
Associate  
*Malcolm Pirnie, Inc.*
- Green Building & Energy      **Donald van Rhyn, LEED® AP**  
Founder and Chair  
*Fairchester Green Building Council*
- Conservation Biology & Ecology      **Fred Koontz, Ph.D.**  
Executive Director  
*Teatown Lake Reservation*
- Environmental Law & Policy      **Marla Wieder, Esq.**  
Assistant Regional Counsel, Region 2  
*US Environmental Protection Agency*
- Environmental Public Health      **Dennis Croswell**  
Environmental Health Program Manager  
*New York State Department of Health*
- Environmental Communication  
& Journalism      **Greg Clary**  
Staff Writer  
*The Journal News*
- 2:00 pm      **Breakout Summaries & Closing Remarks**
- 2:30 pm      **Environmental Career and Graduate School Fair**
- 4:30 pm      **Adjourn**





# Keynote Biography, Kevin Doyle

## Kevin Doyle

Principal

*Green Economy*

**Kevin Doyle** is one of the nation's leading experts on employment trends in the rapidly expanding world of "green jobs." He is the co-author of three popular books about green careers, including *The ECO Guide to Careers That Make a Difference: Environmental Work for a Sustainable World*, *The Complete Guide to Environmental Careers in the 21st Century*, and *The New Complete Guide to Environmental Careers*. His advice to green career seekers appears frequently on the popular website Grist ([www.grist.org](http://www.grist.org)) and he has delivered speeches and workshops about careers in the green economy at over 100 colleges nationwide.

Now an independent consultant to green employers and associations, Kevin was the National Director for Program Development at The Environmental Careers Organization for 15 years. Kevin's green career advice has been quoted in *Newsweek*, *Forbes*, *The New York Times*, *Boston Globe Magazine*, *E Magazine*, *Marketplace* (from American Public Radio), *Living on Earth*, and a variety of other NPR programs. He is the co-chair of the New England Clean Energy Council's Workforce Development Group.

## Breakout Sessions

### *Consulting & Engineering*

Carolyn A. Lowe, PE

Associate

*Malcolm Pirnie, Inc.*

**Biography:** Carolyn Lowe graduated from Kennedy Catholic High School in Somers, NY in 1984. She received a BS in Mechanical Engineering from Union College in Schenectady, NY in 1988 and was a member of the Peace Corps in Fiji, South Pacific until 1990. Earning her MS in Environmental Engineering from the University of Massachusetts at Amherst in 1992, Lowe joined Malcolm Pirnie, Inc. in White Plains, NY and where she has been an employee for the last 17 years. She lives in Brewster, New York with husband and four sons.

**Overview:** At Malcolm Pirnie, and other similar environmental engineering consulting firms, we assist clients with finding solutions to their environmental problems. Our clients include local municipalities, cities, the federal government, and commercial and industrial businesses. This size of a project can range from a very small assignment to very large project which spans as much as five to ten years to complete. Sometimes the goal of the project is to meet local, state or federal regulations. Other times it is to improve the aesthetics (taste, odor, appearance) of our client's environmental facilities and their products/emissions. The projects generally involve drinking water, wastewater, solid waste (garbage), hazardous or contaminated waste and any other constituent that may enter the surrounding air, soil or water body. Project teams can include a variety of engineers, architects, scientists, planners and financial analysts, among others. Most employees are encouraged to pursue professional licenses or certifications in their field to increase their technical expertise and credentials.



## ***Green Building & Energy***

Donald van Rhyn, LEED® AP  
Founder and Chair  
*Fairchester Green Building Council*

**Biography:** Don van Rhyn is the founder and chairman of the Fairchester Green Building Council (FGBC), a non-profit whose goal is “to make sustainable real estate increasingly mainstream” in Westchester and Fairfield Counties. The FGBC is working to achieve this by providing local resources and information to make it easier and more cost effective for real estate professionals to implement sustainable solutions.

He is a LEED AP on a LEED Platinum project and has had a lifelong passion for sustainability and renewable energy. By combining the practical knowledge of Finance from 15 years in Fortune 50 companies with a deep knowledge of sustainable real estate he is able to bring a vital business perspective to his role as head of the FGBC. In addition, he does business development for large scale photovoltaic projects providing the latest technology and lowest cost solutions for solar energy available.

**Overview:** Green Building, including Green Energy, has a vital role in improving the sustainability of the world given that buildings account for 39% of all carbon emissions in the U.S. and only one in 1,000 buildings is a high performance building with an efficiency of 50% or better. The goal of Green Building is to make all buildings healthier while reducing the amount of resources needed to build and operate them. A rating system, such as LEED, Green Globes or Energy Star, is a process for evaluating the sustainability of buildings. A LEED Accredited Professional (LEED AP) is a designation which is valuable in a wide variety of R.E. professions. Usually the LEED AP is the pivotal role in the process of certifying LEED buildings.

Through a career in Green Building you can have a major impact on the way buildings are built and managed as well as on the impact on the occupants. The real estate industry needs trained professionals who can incorporate sustainability into all phases of a building’s life starting with Integrated Design by architects, engineers and designers. Other areas are Financing and Construction, as well as Operations by facilities managers. In the public sector, roles include land use and civil engineering.

Green Energy refers to energy efficiency and the production of renewable energy. As the demand for energy continues to grow, our challenge is to find ways to acquire that energy without negatively impacting the ability of future generations to meet their needs. What is so exciting about the renewable energy field is the diversity of ideas being pursued and the increasing viability of many of these innovations.

Types of careers that fall under the category of green building and energy may include, but are not limited to: LEED Consultant, Facility Manager, Architect, Engineer – PE, Interior Designer, Procurement, Energy Analyst, CEM – Certified Energy Manager, Solar Energy Design and Installation, Engineer – Industrial Designer.

## ***Conservation Biology & Ecology***

Fred Koontz, Ph.D.  
Executive Director  
*Teatown Lake Reservation*

**Biography:** Fred Koontz is Executive Director of Teatown Lake Reservation, an environmental organization with an 834-acre nature preserve located Ossining, New York. Fred received his Ph.D. in Zoology in 1984 from the University of Maryland. While in graduate school, he worked at the Smithsonian Institute’s National Zoo, specializing in animal communication. Dr. Koontz was employed for 15 years at the Wildlife Conservation Society, including ten years as a mammal curator at the Bronx Zoo. From 1999-2004, Fred worked for Wildlife Trust as International Director and Executive Vice-President. Dr. Koontz has held adjunct faculty positions at three universities and helped mentor 15 graduate students; for ten years Fred served on the Management Committee of the Center for Environmental Research and Conservation, based at Columbia University. Dr. Koontz is perhaps best known for co-leading a team who from 1991-1997 successfully reintroduced howler monkeys into the Cockscomb Basin, Belize. Fred serves locally on Westchester County’s Climate Advisory Council and the Board of the Hudson Highlands Land Trust.





**Overview:** Conservation biologists and ecologists are employed in a broad variety of occupations. Conservation biologists are concerned with the science of preserving biodiversity and promoting sustainable living, including mitigating the effects of people on the environment. Ecologists focus on understanding the distribution and abundance of species, especially the interactions between species and their abiotic surroundings. Increasingly, conservation biologists and ecologists besides understanding biological processes must study economics, policy, and human behavior. They must also be prepared to work in multi-disciplinary teams, often under field conditions and sometimes in remote areas. Effective oral and written communication skills are essential.

Conservation biologists and ecologists can work in academia -- focusing on teaching and research (more theoretical) -- or in government agencies, non-profit organizations, and private consulting firms (more applied). The spatial scope of work can vary from community to international. Typical work titles range from ecologist to program directors to policy analysts to professors. It is essential to narrow your focus early in your career development, and get hands-on experiencing with one taxonomic group or one conservation issue. Volunteering and internships are valuable ways to gain practical experience and strengthen your network of contacts.

## ***Environmental Law & Policy***

Marla Wieder, Esq.  
Assistant Regional Counsel  
*US Environmental Protection Agency, Region 2*

**Biography:** Since 1995, Ms. Wieder has served as an Assistant Regional Counsel with the United States Environmental Protection Agency, Region 2, negotiating the cleanup of major hazardous waste sites in New York and the Caribbean. Since 2000 she has also served as an Adjunct Professor at Pace Law School where, from 2000 through 2008, she taught a course concerning the law of hazardous waste management and remediation; since 2002 she has also assisted with the U.S./Brazil Comparative Environmental Law Course. In 2007, she served as Visiting Co-Director of the Environmental Law Program at Pace. Prior to these positions, she worked for the New York State Department of Environmental Conservation. She has lectured on a broad range of topics, including, environmental citizen suits, marine conservation issues, biofuels, electronic waste and superfund enforcement. Ms. Wieder is a 1993 graduate of Pace Law School's environmental law program.

**Overview:** Despite the current economic conditions, it's an exciting time to be in the environmental field. We have much reason to be optimistic in light of President Obama's goal of making the U.S. a leader on climate change. This administration has already put forth an unprecedented plan to invest in alternative and renewable energy, end our addiction to foreign oil, address the global climate crisis and create millions of new green jobs. While numerous challenges lie ahead, many of us believe our country is moving in the right direction on a range of environmental issues.

The Environmental Law and Policy session will present participants with an overview of the dynamic and complex field of environmental law and policy. In this session we will also discuss career options in the public and private sectors, emerging fields of practice and new specialties that those entering the job market may wish to consider.



## ***Environmental Public Health***

Dennis Croswell  
Environmental Health Program Manager  
*New York State Department of Health, Division of Environmental Protection*

**Biography:** Mr. Croswell is a graduate of SUNY College at Cortland with a bachelor degree in Health Science and Education. He has over 30 years experience working in governmental environmental health, splitting this time between working in the New York State Department of Health's central administrative offices and various field offices. Mr. Croswell was the director of the state's Monticello District Office for eight years before returning to the Center for Environmental Health. In his current capacity, Mr. Croswell is responsible for the Division of Environmental Health's professional development and program standardization initiative, where one of his primary responsibilities is overseeing the Basic Environmental Health Program, an introductory training program that all newly hired public health sanitarians and technicians are required to complete.

**Overview:** *[see New York State Department of Health in exhibitor list.]*

## ***Environmental Communication & Journalism***

Greg Clary  
Staff Writer  
*The Journal News*

**Biography:** Journal News and lohud.com staff writer Greg Clary writes a weekly column called "Earth Watch," and reports on environmental issues in the lower Hudson region. Clary has been a reporter, editor and columnist at the Journal News since 1988 and has covered police and courts, transportation, municipal government, development and the environment in the lower Hudson Valley, among other topics. A graduate of the University of Michigan, he lives in Tarrytown with his wife, daughter, dog and three cats.

**Overview:** Covering the environment just keeps getting more interesting - and more important. All over the country, news organizations are cutting staff at a time when clean air, fresh water and nuclear safety continue to rank high on any thinking person's list of priorities - so the environment remains an critical beat. What will happen as newspapers go digital is anyone's guess, but eventually people will realize they can't keep getting news for free online and still trust that it's fair and accurate.



# Graduate Programs

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## BARD CENTER FOR ENVIRONMENTAL POLICY

The **Bard Center for Environmental Policy** (BCEP) works to promote education, research and public service on critical issues pertaining to the natural and built environments. Its primary goal is to improve environmental policies by facilitating the use of the best available scientific knowledge in the policy-making process at the local, regional, national, and international levels. The value of this approach has been recognized through

established partnership with Pace Law School, the Bard Master of Arts in Teaching program, and the Peace Corps. At the core of the Center is an innovative graduate program leading to either the Master of Science degree or a professional certificate in environmental policy.

Eban S. Goodstein, director of BCEP, had been running the National Teach-In on Global Warming Solutions for the past three years. Goodstein brings strength, wisdom, and opportunity to our graduate program in addressing the great challenges of creating a more sustainable future.

Website: [www.bard.edu/cep](http://www.bard.edu/cep)  
Address: 30 Campus Road, Annandale-on-Hudson, New York 12504-5000

Representative: Molly Williams, Admissions, Marketing, and Recruiting Coordinator  
mwilliam@bard.edu / 845-758-7071

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**The City College of New York** offers several graduate and doctoral programs in the area of Environmental Studies. Earth and Atmospheric Sciences (M.A. Geology): The focus of EAS is to integrate the chemical and physical principles which interlink earth processes and features. The integrated curriculum gives us the flexibility to offer research training in the following areas: Earth Systems Science; Environmental Studies, and Remote Sensing/Geographic Information Systems. For more information, visit [www1.ccny.cuny.edu/prospective/science/eas/index.cfm](http://www1.ccny.cuny.edu/prospective/science/eas/index.cfm).

Civil Engineering, Concentration in Environmental Engineering: Certificate, Master's, and Doctoral degrees are offered. For more information, visit [http://www-ce.engr.ccny.cuny.edu/Students/graduate\\_info.htm](http://www-ce.engr.ccny.cuny.edu/Students/graduate_info.htm).

Website: [www.ccny.cuny.edu](http://www.ccny.cuny.edu)  
Address: 160 Convent Avenue, Room A101, New York, New York 10031

Representative: Chad K. Austein, Assistant Director of Graduate Admissions  
caustein@ccny.cuny.edu / 212-650-6427

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The **Columbia University Department of Earth and Environmental Engineering** (EEE) strives to develop effective solutions to the complex and multidisciplinary environmental problems and challenges, reconciling a deep concern for the environment with the needs of our global industrialized society. Our central theme is the conscientious

stewardship of our finite natural resources, namely minerals, fuels, energy, water, and land. Both the research and educational components of EEE are organized into three broad themes: Water resources and climate risks, sustainable energy and materials, and environmental health engineering.





Education at the **Earth Institute at Columbia University** covers an array of opportunities from undergraduate to graduate options of study and student programs. Currently there are over 24 academic programs that are affiliated with the Earth Institute that represent one of the

largest collections of environmental education programs in the world. The Earth Institute also offers other education programs to Columbia and Barnard students, including internships, travel grants, and research assistantships.

Website: [www.engineering.columbia.edu](http://www.engineering.columbia.edu)

Address: Fu Foundation School of Engineering and Applied Science  
500 West 120<sup>th</sup> Street, MC 4708, New York, New York 10025

Representative: Jonathan Stark, Student Affairs Officer, Office of Graduate Student Services  
jrs2139@columbia.edu / 212-854-6438

Website: [www.earth.columbia.edu](http://www.earth.columbia.edu)

Address: The Earth Institute, 420 West 118<sup>th</sup> Street, Suite 1409, New York, New York 10027

Representative: Amanda Christie, Coordinator, Office of Academic and Research Programs  
arc2140@columbia.edu / 212-854-8177

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**Fordham University** graduate program offers many opportunities in Ecology, Conservation Biology, and Adolescence Biology. The programs provide student training in a small, collaborative community with a tradition of academic excellence and supportive research environment. Graduate students in ecology may pursue either a M.S. or PhD., and have opportunities to conduct their research through the Louis Calder Center,

Fordham's biological field station located in Westchester County. Students and faculty conduct research on a diversity of topics from impacts of urbanization, landscape and behavioral ecology, population genetics to bioassessment of water quality. An Advanced Graduate Certificate in Conservation Biology provides study of global biodiversity, ecology and evolution of small populations, environmental law and policy. Students may also enrich their teaching in the Adolescence Biology/Conservation Life Science program. Research projects involve collaboration with staff at the Wildlife Conservation Society, New York Botanical Garden and other local institutions.

Website: [www.fordham.edu/gsas](http://www.fordham.edu/gsas)

Address: 441 East Fordham Road / Keating 216, Bronx, New York 10458

Representative: Charlene Dundie, Director of Admissions  
dundie@fordham.edu / 718-817-4420

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## GREEN MOUNTAIN COLLEGE

At **Green Mountain College**, the environment has been our unifying academic theme for over a decade. We offer two master's degrees: A Master of Science in Environmental Studies and a Master of Business Administration (MBA) with a Sustainable Focus. Both programs are offered through a web based distance

learning model that allows students to live at home and carry on a full-time professional career while working toward their degrees.

Our Master's degree program in Environmental Studies is designed to help professionals develop expertise in environmental issues. Students declare concentrations in Conservation Biology, Writing and Communications, or have the option of designing his/her own focus. Our Sustainable MBA program emphasizes the development of skills and knowledge for visionary leaders to achieve and maintain competitive advantage. This program focuses on the triple-bottom-line approach: People, Planet and Profit and these students choose from General Business Administration or Non-Profit Concentrations.

Website: [www.greenmtn.edu](http://www.greenmtn.edu)

Address: One Brennan Circle, Poultney, Vermont 05764

Representative: Maia Hanron-Sanford, Assistant Director of Graduate Admissions, Office of Admissions  
hanronsanfordm@greenmtn.edu / 802-287-8211





**Manhattan College's** Environmental Engineering Masters degree program is one of the oldest and most renowned environmental engineering programs in the country. Our program is open to qualified students and working professionals with undergraduate degrees in engineering and science. Course offerings are available through both our daytime and

evening programs, and include classes in treatment processes engineering, water quality modeling, water resources, geoenvironmental engineering and environmental project management. Research and laboratory assistantships are available on a competitive basis. Graduate internships and employee tuition reimbursements programs are also available through many environmental consulting firms in the New York metropolitan area.

Website: [www.engineering.manhattan.edu/environmental/index.html](http://www.engineering.manhattan.edu/environmental/index.html)  
 Address: Manhattan College Parkway, Riverdale, New York 10471

Representative: Kevin J. Farley  
 Environmental Engineering Graduate Program Director  
 Department of Civil and Environmental Engineering  
[kevin.farley@manhattan.edu](mailto:kevin.farley@manhattan.edu) / 718-862-7383



SCHOOL OF HEALTH AND NATURAL SCIENCES

**The School of Health and Natural Sciences at Mercy College**

Committed to increasing student awareness of the environmental impact of disease and the knowledge of procedures to eliminate environmental hazards in all health care settings, the Health Professions programs at Mercy College also provides the skills and knowledge necessary to pursue careers in the Allied Health arena.

The School of Health and Natural Sciences offers graduate programs in: Nursing, Physical Therapy, Occupational Therapy, Communication Disorders and Physician Assistant.

Website address: [www.mercy.edu](http://www.mercy.edu)  
 Address: 555 Broadway, Dobbs Ferry, NY 10522

Representatives: Dara T. Steinberg, Graduate Advisor, Occupational Therapy Department  
[otprogm@mercy.edu](mailto:otprogm@mercy.edu) / 914-674-7822

Marguerite Busetti, Director, Career Planning & Placement  
[mbusetti@mercy.edu](mailto:mbusetti@mercy.edu) / 914-674-7363



**NEW YORK UNIVERSITY**

The Graduate Program in Environmental Health Science is administered by the Department of Environmental Medicine of the New York University Langone Medical Center through the **NYU Graduate School of Arts and Science**. Its mission is to prepare scientists for research careers and other professional service in various disciplines (biostatistics, epidemiology,

exposure assessment molecular toxicology/ carcinogenesis and toxicology) involving assessment of adverse health effects resulting from exposure to environmental chemical and physical agents. Graduate research and training reflect the diverse interests of the faculty, who are investigating and developing effective methods of dealing with environmental factors associated with major public health impacts, such as cancer, respiratory and cardiovascular disease. Issues in environmental health are interdisciplinary and the faculty consists of individuals having various academic backgrounds, and includes physicians, toxicologists, epidemiologists, engineers, chemists, physicists and mathematicians. The research approaches used range from population studies to evaluations at the cellular and molecular levels.

Website: [www.med.nyu.edu/environmental/graduate](http://www.med.nyu.edu/environmental/graduate)  
 Address: 57 Old Forge Road, Tuxedo, New York 10987

Representative: Jerome J. Solomon, Ph.D., Professor and Director of Graduate Studies  
[jerome.solomon@nyumc.org](mailto:jerome.solomon@nyumc.org) / 845-731-3610





**Pace University** offers several graduate degree programs with an environmental focus. The Master of Science in Environmental Science integrates several disciplines to provide students the opportunity to develop skills and expertise in a variety of areas necessary to effectively participate in improving environmental conditions worldwide. The Master of Public Administration program emphasizes the development of sound skills through the integration of theory and practice, and offers a track in environmental management.

Since 1978, **Pace University School of Law** has provided internationally acclaimed environmental legal education. Our hallmark is a dedicated faculty who have been pioneers in developing and implementing environmental law and who continue to serve as national and world leaders in the field. Pace provides the best available legal training to educate and inspire the next generation of environmental lawyers to be effective counselors and advocates, conscious of their responsibility for the just stewardship of the Earth's resources.

Website: [www.pace.edu](http://www.pace.edu)

Address: 861 Bedford Road, Pleasantville, New York 10570

Representative: Melissa Grigione, Ph.D., Associate Professor, Department of Biology  
mgrigione@pace.edu

Website: [www.law.pace.edu](http://www.law.pace.edu)

Address: 78 North Broadway, White Plains, New York 10603

Representative: Lisa Lancia, Director of Admissions, Pace University School of Law  
llancia@law.pace.edu / 914-422-4210



Two graduate programs from the **University at Albany** will be represented. Our Biodiversity program combines classes from the Biological Sciences department and Rockefeller College of Public Affairs and Policy to prepare students for careers that require knowledge of both ecology and public policy. Dr. Gary Kleppel heads this program.

Our MBA policy contains a unique capstone experience called the G3 (Going Green Globally). Students work in teams and evaluate the global strategies and sustainable opportunities for companies. Dr. Linda Krzykowski is in charge of G3.

Website: [www.albany.edu](http://www.albany.edu)

Address: 1400 Washington Avenue, Albany, New York 12222

Representatives: Dr. Gary Kleppel, Professor, Biodiversity, Conservation and Policy  
gkleppel@albany.edu / 518-442-4338

Dr. Linda Krzykowski, Vice Dean, School of Business  
lkrzykowski@uamail.albany.edu / 518-442-3938





# Jobs, Internships, and Other Opportunities

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**AAP** is a small, hands-on full service architecture and planning design office. We are committed to green and sustainable design solutions that are sensitive to the historic context prevalent around the Hudson Valley. A member of the US Green Building Council since 2004, AAP has collaborated with highly proficient contractors, conscientious owners, and enlightened organizations to produce great, green architecture. Our work has focused increasingly on the not-for-profit sector(s), including affordable and senior housing, elder care and co-housing, environmental and cultural campus master planning, and also municipal, and small scale commercial facilities. AAP has two LEED Accredited, licensed professionals on staff, and works closely with a licensed permaculturist to integrate sustainable farming and harvesting on projects that demand a high level of holistic planning attention.

Website: [www.ashokanarchitecture.com](http://www.ashokanarchitecture.com)  
Address: 288 Wall Street, Suite 2, Kingston, New York 12401

Representatives: Brad Will, AIA, LEED AP  
[bwill@ashokanarchitecture.com](mailto:bwill@ashokanarchitecture.com) / 845-338-8182

Jessica Farkas, Interior Designer  
[jfarkas@ashokanarchitecture.com](mailto:jfarkas@ashokanarchitecture.com) / 845-338-8182

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Hudson River Sloop **Clearwater** is a non-profit, created by Pete Seeger to defend and restore the Hudson River, one of the greatest historic rivers of this nation. Our 106-foot, wooden sloop is a floating classroom. School groups, day camps and adult groups from Albany to New York City learn about the Hudson River's ecology, history and environmental issues through our widely praised, hands-on educational programs. We are always looking for people who want to sail, teach and live aboard our beautiful ship.

Website: [www.clearwater.org](http://www.clearwater.org)  
Address: 112 Little Market Street, Poughkeepsie, New York 12601

Representative: Maija Niemisto, Onboard Environmental Educator  
[maija@clearwater.org](mailto:maija@clearwater.org) / 845-454-7673 x 115

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## Fairchester Green Building Council

The **Fairchester Green Building Council** (FGBC) is a non-profit which has the goal of making sustainable real estate increasingly mainstream in our region. We plan to achieve this by identifying cost effective, sustainable solutions which can be easily implemented by local organizations.

Sustainability is a core value for many people in the real estate industry. The challenge is, with all of the other responsibilities we have, how are we going to green the part of the world we are responsible for? We need to take big ideas like LEED and make them local; for everyday decisions like the wood, caulk and energy we buy!

The vision of the FGBC is to create a green building community which can work together to develop viable solutions. To find the local resources such as the materials and expertise. To be a voice for this green building community and to provide the public/private forum to advance these vital goals in this economy.

Website: [www.FairchesterGBC.org](http://www.FairchesterGBC.org)  
Address: PO Box 545, Old Greenwich, Connecticut 06870

Representative: Don van Rhyn, President  
[Don@vanRhyn.com](mailto:Don@vanRhyn.com) / 203-405-2591



## Green Economy

**Green Economy** offers organizational and professional development services for institutions and individuals growing in a sustainable world. Green Economy partners with the National Council for Science and the Environment (NCSE) to promote green careers on campus. Kevin Doyle will be on hand to provide personal career planning advice! Services include:

- Green career **seminars**, workshops, speeches and curriculum assistance for universities;
- Workforce development/diversity **consulting** for public, private and nonprofit employers;
- Original **research** and information on trends and issues in the world of green careers;
- Professional development **training** for the green workforce in teamwork, leadership, and more;
- **Facilitation** for meetings and roundtables on sustainability and environmental issues;
- Personal **coaching** for public, private and nonprofit leaders and managers in the green economy.

For information about on-campus services, rates and schedules contact Kevin Doyle, Principal of Green Economy at 617-923-2463 or by email to: kevinldoyle@gmail.com.

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## Green World Taxi

**Green World Transport** is an environmentally-friendly Taxi-Limo company servicing Westchester County. We specialize in Airport and Manhattan trips through our fleet of hybrid vehicles.

Website: [www.greenworldtaxi.com](http://www.greenworldtaxi.com)  
Address: 124 Pelhamdale Avenue, Suite #3, Pelham, New York 10803

Representatives: Gilbert Schor, Owner  
gilbert@greenworldtaxi.com / 914-636-1380

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**MetroPool, Inc.** is a private, non-profit corporation that provides free services to commuters and employers with support from the Connecticut, and New York State Departments of Transportation. Founded in 1980, MetroPool works directly with employers, commuters and municipalities in Fairfield County, Connecticut; and Westchester, Rockland, Orange, Putnam, Dutchess and Ulster Counties in New York.

Website: [www.metropool.com](http://www.metropool.com)  
Address: 1 Landmark Square, 8<sup>th</sup> Floor, Stamford, Connecticut 06901

Representatives: Carol Ryan, Regional Manager, New York Programs  
cryan@metropool.com / 845-364-3472

Paul Bertorelli, Outreach Coordinator, New York Programs  
paulb@metropool.com / 914-993-0649

Tim Lewis, Senior Manager, New York Programs  
tlewis@metropool.com / 845-838-6240





The Department of Environmental Protection (DEP) protects the environmental health, welfare and natural resources of the City and its residents. The Department manages the City's water supply, which provides over one billion gallons of quality drinking water daily, serving over half the population of New York State, and manages 14 in-City wastewater treatment plants, as well as nine treatment plants upstate. DEP also carries out federal Clean Water Act rules and regulations, handles hazardous materials emergencies and toxic site remediation, oversees asbestos monitoring and removal, enforces the City's air and noise codes, bills and collects on almost one million water and sewer accounts, and manages Citywide water conservation programs.

We are committed to attracting, developing, and retaining exceptional employees who share a commitment to professionalism and exceptional service delivery.

Website: [www.nyc.gov/dep](http://www.nyc.gov/dep)  
Address: 465 Columbus Avenue, Valhalla, New York 10595

Representatives: Nancy Levine, Director, Watershed Office of Public Affairs  
nlevine@dep.nyc.gov / 914-742-2086

Susan Mathys, Associate Project Manager, Watershed Protection and Planning  
smathys@dep.nyc.gov

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### Open Space Institute



The **Open Space Institute** protects scenic, natural and historical landscapes to ensure public enjoyment, conserve habitats and sustain community character. Through the Citizen Action Program, OSI provides administrative support to community environmental groups that protect natural habitats; make cities more livable; enhance local communities; provide environmental education; and connect people with the land.

Website: [www.osiny.org](http://www.osiny.org)  
Address: 1350 Broadway, Room 201, New York, New York 10018

Representative: Jennifer Grossman, Esq., VP, Land Acquisition  
jgrossman@osiny.org / 212-290-8200



The **NYSDOH's Center for Environmental Health** along with its four regional offices and 45 local health departments employ over 1500 graduates with science and engineering degrees. Staff in environmental health programs apply scientific, medical, engineering and public health expertise to identify, understand, prevent, and mitigate risks to human health from New York State's living and working environments.

Title series in both the state and local environmental health departments include sanitary and public health engineers, public health sanitarians, public/environmental health technicians, public health specialists, radiologic health specialists, and research scientists. Salaries for these positions are competitive and offer generous fringe benefits. Detailed information on qualifications, typical duties, salary and the application process for NYSDOH and some counties is available at the NY State Civil Service website and the NYSDOH website.

Website: [www.health.state.ny.us/employment/](http://www.health.state.ny.us/employment/)  
Address: 547 River Street, Troy, New York 12180

Representative: Dennis Croswell, Environmental Health Program Manager  
ddc04@health.state.ny.us / 518-402-7731





Created in 1999, **SCA's Hudson Valley AmeriCorps** Program is dedicated to recognizing, preserving and interpreting the nationally significant historical, cultural and natural resources of New York's Hudson Valley. Interns are individually placed at state agencies and local non-profits and work one-on-one alongside conservation professionals. Interns also participate in training, service projects or celebrations with 25+ fellow corps member who serve throughout the Hudson Valley once a month.

The Student Conservation Association (SCA) is a national nonprofit organization that offers conservation internships and summer trail crew opportunities to more than 3,800 people each year. SCA members complete projects in every conservation discipline - from archeology to zoology. SCA is focused on developing conservation and community leaders while getting important work done on the land.

Website: [www.thesca.org/serve/conservation-corps](http://www.thesca.org/serve/conservation-corps)  
Address: 299 Mountain Rest Road, New Paltz, New York 12561

Representatives: Kathy Schmidt, Program Manager

Tanner Snell, Program Coordinator  
tsnell@thesca.org / 845-255-4758

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**SRB Marketing** is an award-winning, full-service digital marketing and strategy firm, specializing in serving environmentally and socially conscious businesses and nonprofits. Founded in 2003, well before the green marketing craze brought everyone on the bandwagon, SRB has helped clients that have included Ben & Jerry's, National Geographic, Working Assets and Yale University, among dozens of others.

Specifically, we provide strategic consulting services; develop creative; set up technology platforms for campaign implementation, analytics and databases; and plan and place online media across search engines, email, web portal, and social media, among other channels. We continue to evolve in the areas of corporate sustainability and social responsibility.

Website: [www.srbmarketing.com](http://www.srbmarketing.com)  
Address: 171 Main Street, 2<sup>nd</sup> Floor, New Paltz, New York 12561

Representative: Perry Goldschein, Managing Director  
info@srbmarketing.com / 845-256-8925

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**Sustainable Hudson Valley's** mission is to help the region's communities rebuild economy and restore environment by strengthening green industries in ways that create good jobs. SHV supports local leaders in developing realistic scenarios for responding to the economic and environmental challenges of the 21st century. We are a resource broker, a consensus builder, and a source of both technical and moral support, assisting each community with achieving its unique goals.

Three summer 2009 internships for seniors or recent graduates focus on helping leading communities to adopt and implement the Green Jobs Pledge by identifying growth companies and public sector projects that can create business opportunities, helping with grassroots organizing to strengthen building codes and encourage energy-efficiency, and publicize ways that going green can create advantage for a community.

Website: [www.sustainhv.org](http://www.sustainhv.org)  
Address: PO Box 4112, Kingston, New York 12402

Representative: Melissa Everett, Executive Director  
info@sustainhv.org / 845-384-1089





**Triumvirate Environmental** is the fastest-growing environmental management firm in the Northeast. With offices throughout the Northeast and Mid-Atlantic regions, Triumvirate provides leading institution in the higher education, life sciences, healthcare, and industrial sectors with a wide spectrum of diverse services to assist them with compliance management. From field and lab services to consulting, we offer the innovative solutions our clients need. At Triumvirate, we work hard to WOW! both our employees and our customers. Our unique culture fosters growth, leadership, development, education and creativity.

Website: [www.triumvirate.com](http://www.triumvirate.com)

Address: 61 Inner Belt Road, Somerville, Massachusetts 02143

Representative: AnnMarie Blunda, HR Generalist  
careers@triumvirate.com / 617-628-8098

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**EPA** employs 17,000 people across the country, including our headquarters offices in Washington, DC, 10 regional offices, and more than a dozen labs. Our staff are highly educated and technically trained; more than half are engineers, scientists, and policy analysts. In addition, a large number of employees are legal, public affairs, financial, information management and computer specialists. EPA leads the nation's environmental science, research, education and assessment efforts. The mission of the Environmental Protection Agency is to protect human health and the environment. Since 1970, EPA has been working for a cleaner, healthier environment for the American people.

Website: [www.epa.gov](http://www.epa.gov)

Address: 290 Broadway, New York, New York 10007

Representatives: James Feeley, Management Analyst, Human Resources  
feeley.james@epa.gov / 212-637-4178

Gina Ferreira, Environmental Scientist, Region 2  
ferreira.gina@epa.gov / 212-637-3768

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## Fair Supporters



The mission of the **Mohonk Preserve** is to protect the Shawangunk Mountains by inspiring people to care for, enjoy, and explore the natural world. Located 90 miles north of New York City, Mohonk Preserve provides visitors access to over 6,600 acres in the Shawangunk Mountains as well as over 1,000 technical rock climbing routes in the internationally renowned "Gunks" cliffs. Opportunities include summer internship, research fellowships, and many volunteer opportunities. For details on all opportunities visit [www.mohonkpreserve.org](http://www.mohonkpreserve.org).

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STONE BARNS CENTER  
FOR FOOD & AGRICULTURE™

**Stone Barns Center's** mission is to celebrate, teach and advance community-based food production and enjoyment. Through education, demonstration and outreach, the Center inspires innovation and active participation for improving policies and practices that affect the overall health of individuals, local food economies, communities and the environment. We welcome interns to work side by side with us to learn about sustainable farming. Interns choose to focus on one component of the Center's operation - livestock, four season growing, education programs, public programs, or development/non-profit management. Interns are required to work a minimum of 20 hours/week for a period of 1 to 5 months. Internships are unpaid and housing is not provided. Site supervisors schedule regular meetings to review the progress of the internship, and provide opportunities for interns to interact with other staff and interns in other programs. Many internships require strenuous physical labor. [www.stonebarnscenter.org](http://www.stonebarnscenter.org)





## Student Summit Planning Committee

Donna Kowal, *Pace University & Environmental Consortium*  
Michelle Land, *Pace University & Environmental Consortium*  
Madeline Mignone, *Dominican College*  
Larry O'Connell, *Pace University*  
Stephanie Scavelli, *SUNY Purchase College*  
Richard Schlesinger, *Pace University*

### Special thanks to the Environmental Consortium Office Assistants

Roisin Grzegorzewski, *Fordham University*  
Paul Logan, *Iona College*

## About the Sponsors and Supporting Partner

### Environmental Consortium of Hudson Valley Colleges & Universities

The Environmental Consortium, founded in 2004, is currently comprised of 50 institutions of higher education in the Hudson Valley region. Its mission is *to help shape the future of the regional and global environment through collaboration, education, and research*. The Consortium facilitates intensive cooperation among its regional colleges and universities by organizing multi-institutional collaboration among higher education communities. It uses the Hudson watershed as an extended laboratory and classroom for programs such as faculty development, interdisciplinary research, campus greening, and student enrichment.

[www.environmentalconsortium.org](http://www.environmentalconsortium.org)

### Pace Academy for the Environment

The Pace Academy for the Environment (PAE) was launched in 2002 to mobilize the diverse resources of Pace University and the region into an integrated program of public service and learning that will help fulfill the University's special responsibility to the human's place in the local and global environment. In furtherance of its mission to use the university's unique role in human affairs to foster policies, practices and ideas that sustain a mutually enhancing relationship between nature and society, Pace Academy spearheaded the formation of the Environmental Consortium. The PAE is located at the Pace Law School campus and serves as the Environmental Consortium's headquarters. [www.pace.edu/academy](http://www.pace.edu/academy)

### Mercy College School of Health and Natural Sciences

The School of Health and Natural Sciences prepares students for careers in medicine, research, health sciences and veterinary technology. Mercy College is a private, nonprofit institution, providing motivated students with the opportunity to earn degrees in over 90 undergraduate and graduate programs. An engaging learning experience is offered at Dobbs Ferry (main campus). Additional locations include Bronx, Manhattan, Yorktown Heights and White Plains. [www.mercy.edu](http://www.mercy.edu)

### Beacon Institute for Rivers and Estuaries

Beacon Institute for Rivers and Estuaries, with offices in Beacon and Troy, New York, is a not-for-profit environmental research organization engaging scientists, engineers, educators and policy experts in collaborative work focusing on real-time monitoring of river ecosystems. It aims to make the Hudson Valley a global center for scientific and technological innovation that advances research, education and public policy regarding rivers and estuaries. [www.bire.org](http://www.bire.org)

