

***Curriculum Vitae***  
**Mary Julia Leou**

New York University  
Steinhardt School of Education  
239 Greene St. 4<sup>th</sup> Fl., New York, New York  
(212) 998-5474  
[mary.leou@nyu.edu](mailto:mary.leou@nyu.edu)

**Education**

Ed.D. 1997, Department of Human Development  
Teachers College, Columbia University

M.Ed. 1989, Department of Philosophy and the Social Sciences  
Teachers College, Columbia University

B.A. 1985, Cum Laude, English Honors  
Columbia University

**Professional Experience**

New York University, New York 2000-present

*Director, NYU Wallerstein Collaborative for Urban Environmental Education 2000-present*

*Director, Environmental Conservation Education Graduate Program, 2009-present*

*Acting Director, Environmental Conservation Education, 2005-2009*

*Clinical Associate Professor, Department of Teaching and Learning 2006- present*

*Clinical Assistant Professor, Department of Teaching and Learning 2004-2006*

**Scholarships, Fellowships, Awards**

*New York University Faculty Recognition Award, 2012*

*Women Greening The City Award, 2012*

Awarded by The Women In Conservation Program, National Audubon Society

*Environmental Leadership Award, 2011*

NYS Outdoor Education Association for contributions to the NYS Environmental Literacy Plan.

*EPA Environmental Quality Award, 2007*

Awarded for leadership in environmental education.

*Green Star Award, 2000*

Awarded by the Environmental Advisory Council, New York City

*EPA Environmental Quality Award, 1998*

Awarded to the Urban Forest & Education Program for its education and restoration achievements

*Fay and Henry L. Sobel Achievement Award for Distinguished Dissertation, 1997*

Teachers College, Columbia University

*Outdoor Education and Conservation Program of the Year Award, 1996*

Awarded by the New York State Conservation Council

*Rudin Fellowship*, The Alexander M. White Natural Science Center, AMNH, 1996  
*Teachers College Fellowship*, 1985  
*New York State Regents Scholarship*, 1965  
*Hellenic University Club Scholarship*, 1965

### **Invited Talks and Keynotes**

*Speaker: Jewish Environmental Education, Engaging Your Community*  
Jewish Greening Fellowship, United Jewish Appeal (UJA) Federation of NY, October 2013

*Keynote: Trail Blazers Spring Benefit, Celebrating 127 year of operation, The Glasshouses, NYC,*  
June 2013

*Keynote: Environmental Education: The Key to Sustainable Cities*, presented at the Jersey City Sixth  
Annual Sustainable Cities Conference, Liberty Science Center, Jersey City April 2013

*Keynote: Education for Sustainable Development*  
UN Programme on Youth/DESA, Side Event, Permanent Mission of Germany to the United  
Nations, UN Plaza, New York, NY, October 2011

*Guest Speaker: The Role of Education & Innovation in Environmental Sustainability*  
Environmental Studies Program, College of Arts & Sciences, NYU, October 2010.

*Plenary Speaker: Environmental Literacy*  
New York State Outdoor Education Association, Forty-second Annual Conference, Fishkill,  
New York, September 2009

*Guest Speaker: The Importance of Environmental Education,*  
League of Women Voters of Bergen County, Northern New Jersey, December 2009

*Guest Speaker: Greening the Garden State*, NYU Alumni Meeting, New Jersey, May 2009

*Plenary Speaker: Environmental Education and Teacher Preparation*  
NYACTE/NYSATE Spring Conference, Saratoga, New York, April 2007

*Panelist: Living With Nature: A Conference on Sustaining the New York Metropolitan Region's*  
*Biodiversity Through Local Action*, AMNH, New York, October 2006

*Panelist: Eco-Metropolis Conference*  
CUNY Graduate Center, New York, November 2005

*Speaker: Environmental Stewardship and Education*, The first Metropolitan Forest Forum on  
Research, Management, and Education, Wave Hill, Bronx, New York, 1995

## Conference Presentations

- Leou, M., *Children & Nature Project*, (Oct. 2013) North American Association of Environmental Education, Baltimore, MD
- Leou, M., Luebke, M. (Oct. 2013) *Citizen Science In Urban Settings*, Presented at the Annual Meeting of the North East Regional Association of Teacher Educators (NE/ASTE) Black Rock Forest, Cornwall, NY
- Leou, M. (March 2013) *Concluding Remarks, Interdisciplinary Perspectives on Sustainability: Transforming Curriculum in Higher Education*, New York University, NY
- Leou, M. (Dec.2012) *Concluding Remarks, Life After Sandy: Adapting to the New Normal*, New York University, NY
- Leou, M. (Oct 2012) *Environmental Stewardship Beyond NYU's Campus*, Advocates Meeting, Sustainability Taskforce, New York University, NY
- Leou, M, Klein, B.S. (2012) *NYS Sustainability Education: Call to Action & NYS Environmental Literacy Plan*, North East Regional Association of Teacher Educators (NE/ASTE) Black Rock Forest Cornwall, NY
- Leou, M. (Oct 2012) *Status of Environmental Literacy Plan*. Presented at the New York State Outdoor Education Association Annual Conference, Brookhaven Labs, Upton, New York
- Leou, M., Goodill, E. (Oct 2012) *Investigating the Effectiveness of Garden Based Programs* Presented at the North American Association of Environmental Education, Oakland CA
- Light, R., Leou, M., (March 2012). *Urban Environmental Education and Early Childhood Teacher Education: Creating Opportunities for Discovery in Non-Formal Learning Environments*. Presented at CCNY Conference: "In Defense of Childhood: Keeping the Joy of Learning Alive" New York, NY
- Light, R., Leou, M., (November 2011). *Urban Environmental Education and Early Childhood Teacher Education: Creating Opportunities for Discovery in Non-Formal Learning Environments*. Presented at the NAECTE Annual Meeting. Orlando, FL
- Leou, M., Klein, B.S, (October 2011). *Environmental Literacy Plan: What is happening in New York?* Plenary Session, presented at the NYSOEA Annual Conference, Callicoon, NY
- Leou, M., Coughlin, C., (October 2011) *Conservation Education For Urban Youth: A Corporate- Community-University Partnership*, presented at the Annual NAAEE Conference, Raleigh, NC
- Leou, M., Klein, B.S., Zamm, M. (Oct. 2010) *Planning for Teacher Preparation in the NYS Environmental Literacy Plan*. Pre-Convention Session of the North American Association of Environmental Education Annual Conference, Buffalo, NY

- Leou, M., Coughlin, C. (Oct. 2010) *Exploring Place-Based Education and Theory through A Study Abroad Program*, presented at the annual National NAAEE Conference, Buffalo, NY
- Leou, M (Oct. 2009) *How Does Environmental Education Support NYC Science Scope and Sequence Standards*, presented at the Annual Environmental Education Expo, Pier 40, New York City, NY
- Leou, M. (Nov. 2008). *The Hudson River Estuary as a Context for K-12 Professional Development*, presented at the SSMA Annual Conference, Raleigh, North Carolina.
- Leou, M. (March 2008) *Building Capacity: Meeting the Environmental Education Challenge in Teacher Preparation*, Sixth Teacher Environmental Education Preparation Symposium, SUNY Brockport, Rochester, NY
- Klein, B.S., Leou, M., & Zamm, M. (October 2005). *Teacher Environmental Education Preparation*, presented at the annual NYACTE/NYSATE Fall Conference, Albany, NY
- Klein, B.S., Leou, M. & Zamm, M. (October 2005). *An Update on Statewide Initiatives To Improve Teacher Environmental Education Preparation*, presented at the Annual New York State Outdoor Education Conference, Ithaca, NY
- Herrera, H., Leou, M., (May 2005). *Creating University-School Partnerships: Project MUST* presented at the Annual Sharing Our Success Conference, New York University, NY
- Leou, M., Trowbridge, C., Johnson, K., & Wallace, R. (May 2005). *Hudson River Teacher Education Program: A Professional Development Model*, Presented at the Annual Sharing Our Success Conference, New York University, NY
- Abder, P., Leou, M., Zoller, U., & Riordan, M. (April 2004). “*HOCS Learning in Informal Science: Using self-reflection to expose metacognitive development*” Paper presented at the annual meeting of the National Association of Research in Science Teaching, Van Couver, Canada
- Abder, P., Leou, M., Zoller, U., Cornoni, N., & Ray, S. (October 2003). “*LOCS to HOCS Paradigm Shift: What does it take in curriculum design for science teacher training?*” Paper presented at annual meeting of the American Association for Teaching and Curriculum, Baltimore, MD
- Klein, B.S., Leou, M. and Tooker, G. (October 2003). *Developing a New York Center for Environmental Education*. Paper presented the annual New York State Outdoor Education Association, Callicoon, NY
- Zoller, U, Leou, M., Abder, P. (March 2003). “*LOCS Teaching To HOCS Learning in Teacher Education: What does it take to inculcate teachers into the paradigm shift?*” Paper presented at the annual meeting of the National Association of Research in Science Teaching. Philadelphia, PA

- Abder, P., Leou, M., & Zoller, U (February 2003). "Science Teacher Education at The Crossroads: From LOCS teaching to HOCS learning." Paper presented at the annual conference of the Association for The Education of Teachers of Science, St. Louis, MO
- Klein, B.S, Leou, & Tooker, G. (November 2002) Models for State Centers for Environmental Education Presentation at the Teacher Environmental Education Preparation Symposium. Albany, NY
- Leou, Mary. (March 1997). "*Successful School and Community Partnerships.*" A Paper Presented at the Association of Supervision and Curriculum Development. Baltimore, MD
- Leou, M. (1991) *Career Development For Young Women.* Workshop presented at the Women at Work Conference, Girl Scout Council of New York, Pace University, NY
- Leou, M. (1989) *Career Development for Educators in Non-Traditional Settings.* Workshop Presented at Teachers College, Columbia University, NY
- Leou, M. (1988, 1989, 1990) *Investigating Fossil.:* Family Workshops presented at the Annual Explorations in Science and Math Conference, Bank Street College of Education, NY

### **Organizing Conferences, Symposia and Special Events**

- Life After Sandy: Adapting to the New Normal*  
Convener, New York University New York, Dec. 2012
- North East Association of Science Teacher Educators (NE/ASTE) Annual Conference*  
Conference Committee Member, Black Rock Forest, Cornwall, New York, October, 2011-2013
- New York City Outdoors! An Environmental Education Expo, Annual Event*  
Organizer, Kimmel Center, New York University, October 2010-2013
- Teaching About Climate Change: An Interdisciplinary Approach*  
Organizer, A professional development conference for New York City teachers  
New York University, May 2009
- Teacher Environmental Education Preparation: New Directions in Environmental Education and Teacher Preparation, Sixth Statewide TEEP Symposium*  
Organizer, Rochester, NY, March 2008
- Environmental Education Expo For Teachers, Annual Event*  
Organizer, in cooperation with The River Project, Pier 40, New York City, October 2006 -2009
- Multi-City Meeting on Environmental Education: Creating Inter- and Intra-City Networks*

Organizer, in cooperation with Boston's Urban Ecology Collaborative and the Steinhardt School of Education, New York University, December 2006

*Teacher Environmental Education Preparation: Building a Framework for Teacher Preparation in NYS Environment Education*, Fifth State-wide TEEP Symposium  
Organizer, New York University, April 2003

*Teacher Environmental Education Preparation: The Next Step*, Fourth State-wide TEEP Symposium  
Organizer, NYSED, Albany, NY, Nov 2002

*Teacher Environmental Education Preparation: Partnerships in Environmental Education*, Second State-Wide TEEP Symposium  
Organizer, SUNY, Cortland, Sept. 2000

*Conserving Forests in A Changing Landscape*  
Conference Chair, Metropolitan Forest Council Conference for scientists, land managers, educators, and citizen stewards, Columbia University, March 1999

*Green Horizons*  
Conference Chair, Conference for middle school students and guidance counselors  
Central Park, New York City, October 1997

*Nature In The City*  
Conference Coordinator: A city-wide conference co-sponsored by City Parks Foundation, Central Park, Conservancy, NYC Department of Environmental Protection, the American Museum of Natural History, and the Environmental Education Advisory Council held at the American Museum of Natural History and Central Park, 1992

## **Service and Professional Affiliations**

### **New York University**

Member, Provost's Advisory Committee on University Appointment Guidelines for Full Time Non Tenure Track Faculty 2012-2013

Program review, NYU Environmental Conservation Education Program, Middle States Assessment, 2012-2014

Member, *New York University Sustainability Task Force* 2007-present  
Faculty Mentor: *Social Cultural Group*, 2013-present

Member, Steinhardt Committee on *Development of Guidelines For Clinical Faculty*, 2010

Faculty Advisor, NYU Japanese Student Organization, Steinhardt, 2013- present

Faculty Affiliate, Green House NYU Office of Residential Life and Housing Services,

2010-2012

Member of the Planning Committee, *Partnership for Teaching Excellence*,  
Chair, *Learning Partners Taskforce*, Department of Teaching & Learning, New York University,  
2006-2007

### **Steinhardt School of Culture, Education, and Human Development**

#### **Search Committees**

Science Education, 2002, 2003, 2004

Food Studies, Health, and Nutrition, 2011, 2012

Environmental Conservation Education, 2005, 2007, 2012

**Cabinet Member**, Department of Teaching & Learning, 2012-2013

#### **Dissertation Committees**

*Sponsoring Committee Member*

Annie Bezbatchenko, Higher Education (completed 2011)

Megan Riordan, English Education, Teaching & Learning (completed Nov 2005)

Christine Coughlin, Science Education, Teaching & Learning (in progress)

Trevor Sponis, Urban Education, Teaching & Learning (in progress)

*Reader*

Hsiu-Chen Phoebe Chiu, Multi-Lingual Multicultural Studies, Teaching and Learning (completed June 2011)

*Chair of External Proposal Committee*

Denise Ofelia Mangen, Administration, Leadership and Technology (in progress)

#### **Advisor/Mentor**

Served as mentor and advisor for M.A. candidates in the Environmental Conservation Education Program 2004-present

#### **Community**

Vice President, Executive Committee, *Black Rock Forest Consortium*, 2014

Institutional Representative for NYU, *Black Rock Forest Consortium*, 2005-2013

Member, *New York Botanical Garden Teacher Advisory Council*, 2013 – present

Member, *New York City Audubon Education Advisory Council*, 2012- present

Member, Scientific Committee, *International Academic Committee Journal*, a publication of the Department of Early Childhood, University of Ioannina, Greece, 2013-present

Treasurer, Conference Organizer, *North East Regional Association of Science Teacher Education* 2010-2013

Co-Chair, *Environmental Literacy Committee, New York State Outdoor Education*, 2008-present

Member, *Science Education Taskforce, New York City Department of Education* 2004-2008

Member, *Leadership & Assistance for Science Education Renewal (NY LASER)*, 2006

Board Member, *Friends of The High School For Environmental Studies*, 2004-2010

Exhibition Advisory Board Member, *Liberty Science Center*, 2003 -2007

Grant reviewer, *Green Grants Awards Program*, 2003

Grants administered by the Brooklyn Center for the Urban Environment in the amount of \$300,000 awarded by Consolidated Edison of New York.

Founding Board Member, Chair of the Education Committee, *Nature Network*, 2002-present  
A tri-state regional alliance to preserve nature in the NY, NJ, CT, metropolitan area.

Citizens Advisory Committee Member and Education Work Group, 2001-present  
*NY-NJ Harbor Estuary Program*

*Center for Urban Restoration Ecology, Rutgers University*, 2001-2012  
Member - Education Advisory Committee

Member – Steering Committee, *Green Horizons*, 1996 - 2005  
An environmental career education program serving NYC middle school youth annually.

Founding Board Member, *Metropolitan Forest Council of New York City*, 1995- present  
Chair - Education Committee

Chair (1999-2002), Board Member 1991- present, *Environmental Education Advisory Council*  
Co-Chair, *Teacher Environmental Education Preparation Committee (TEEP)* 2001-present

Member of Scholarship Committee, *Girl Scout Council of Greater New York*, 1990-1993  
Consultant on career education programs for Girl Scouts.

## **Reviewer**

*Sense Publishers, Cultural and Historical Perspectives on Science Education: Research Dialogs*,  
Book Manuscript Reviewer, Plakitsi, K. (ed), *Activity Theory in Formal and Informal Science Education*, Sense Publishing, Rotterdam, The Netherlands, 2012

*Urban Naturalist*, 2013 – present  
*Urban Habitats*, 2003-2012  
*Cambridge University Press*, 2012



*International Journal of Climate Change Strategies and Management*, 2012  
*Children Youth and the Environment Journal*, 2011  
*Journal of Caribbean Curriculum*, January, 2010  
*Science & Civic Engagement: An International Journal*, December, 2009

## **Publications**

- Milne, C., Kirsch, S., Basu, S. J., Leou, M., & Fraser-Abder, P. (2008). Understanding conceptual change: connecting and questioning. *Cultural Studies of Science Education*. Springer, Netherlands, 3:417-434.
- Leou, M., Abder, P., Riordan, M., & Zoller, U. (2006) Using 'HOCS Learning' as a pathway to promote science teachers' metacognitive development. *Research in Science Education*, Springer, Netherlands, 36:69-84.
- Leou, M. (Spring 2006) The Hudson River Teacher Education Program, *The Tidal Exchange, Newsletter of the New York/New Jersey Harbor Estuary Program*, pg.7.
- Leou, M., (consulting ed.) (2005) *Habitats of the World*, Vols. 1-11, Marshall Cavendish, NY.
- Leou, M., (2005). *Readings in Environmental Education: An Urban Model*, IA, Kendall Hunt Publishing Company.
- Hadjiachilleos, S., Valanides, N. & Leou, M. (2004). Construction of Knowledge in Non-Formal Settings. *Science Education International*, 15 (2), pp. 125-138.
- Leou, Mary. (1997) *Beginning Teachers and Learning In The Workplace*. Unpublished dissertation, Teachers College, Columbia University
- Leou, Mary. (1997) *The Teachers Guide To New York City's Forests: A Curriculum for Teachers K-8*. A publication of the Urban Forest & Education Program, City Parks Foundation, NY
- Leou, Mary and Rutter, A., (April 1996). "Perceived Needs for Professional Development." Paper Presented at the Annual Meeting of the American Educational Research Association. New York.
- Leou, Mary (Ed.) (1995) *Ecology Network: A Guide To Environmental Organizations For New Yorkers*. A publication of the Urban Forest & Education Program, City Parks Foundation, NY.
- Leou, Mary (Ed.) (1994) *Woodlands, Wetlands, & Wildlife: A Guide to the Natural Areas of New York City Parks*. A publication of the Urban Forest & Education Program, City Parks Foundation, NY.
- Leou, Mary, (1989) Review of Herbert London's *Armageddon In The Classroom: An Examination of Nuclear Education*, in Teachers College Record, Summer Issue, NY.

## Selected Current and Pending Grants

*Ask It! Acquiring Science Knowledge Through Inquiry and Technology*

**Co-Pi**, Institute of Education Sciences, Department of Education, \$1,496,42. 9/1/2014-8/31/2017  
(PI, Susan Neuman, Pending)

*CNH-Ex: Urban Resilience as Coupled Forms of Capital*

**Co-Pi**, National Science Foundation, \$249,879 7/1/2014 – 6/30/16 (PI, Raul Lejano, Pending)

*Interdisciplinary Perspectives on Sustainability: Transforming Curriculum in Higher Education*,  
(2013-14) **Principal Investigator**, with Co-PI, Lisa DiCaprio, SCPS, Green Grant, NYU Office of  
Sustainability, \$2,894

*Learning in Place: A Practicum in Experiential Learning* (2012)

**Principal Investigator**, NYU Curricular Development Challenge Grant, with Liberal Arts Faculty  
\$5,000

*GreenTech*, NSF Funded Project, (2012 -2015)

**Co-Principal Investigator**: National Science Foundation, \$65,804 DRL 1139308

*Children & Nature Project*, (2012-2016)

**Principal Investigator**: Johanette Wallerstein Institute, \$250,000

*Into The Woods* (2012-2016)

**Co-Principal Investigator** with PI, Peter Schmidt, Globe NY, Queens College, National Oceanic  
and Atmospheric Association (NOAA) \$125,393

*Summer Youth Science Technology and Mathematics (SYSTEM)* (2010-2013)

**Principal Investigator**: Exxon Mobil, \$78,425

*Race To The Top, Clinically Rich Integrated Science Program*, (2011-2014)

**Co-Principal Investigator** with PI, Pamela Abder, US Department of Education, \$2.1 million

*Wallerstein Collaborative for Urban Environmental Education*, (2000-2014)

**Project Director**: Johanette Wallerstein Institute, \$1.2 million

*NYU Hudson River Education and Stewardship Program*, (2012)

**Principal Investigator**: Water Resources Institute/Cornell University \$19,997

*Hudson River Summer Program for Teachers, New York University*, (2003-07)

**Principal Investigator**: New York City Environmental Education Fund, Hudson River Foundation  
Grants over a three year period totaling: \$67,000.

*Hudson River Seminar Series for Educators, New York University*, (2003-05)

**Principal Investigator**: Collaborative teacher education initiative with The River Project.  
National Science Foundation Grant #0205319, \$15,000.

*Trees and People Project, New York University, (2003-04)*

**Principal Investigator:** Collaborative teacher education project with the Metro Forest Council to introduce teachers to NYC's forests. Grant from City Parks Foundation and the Mellon Foundation \$5,000

*Ecology Village, New York University, (2002-2003)*

**Principal Investigator:** Program evaluation and curriculum development project for Gateway National Recreation Area, Jamaica Bay Unit. Grant from National Park Foundation, \$15,000

*Environmental Website Development, New York University, (2001-02)*

**Principal Investigator:** Wallerstein Collaborative for Urban Environmental Education website funded by U.S. Environmental Protection Agency, Grant #NE98240901, \$5,000

*Parks As Classrooms: An Institute Exploring NY Harbor National Parks, New York University, (2001)*

**Principal Investigator:** Collaborative teacher education project with New York Harbor National Parks, and the NYU Program for Social Studies. Grant from National Park Foundation, \$20,000

*WaterPower: A Conference for Educators, New York University, (March 2001)*

**Principal Investigator:** Education initiative for 200 New York City classroom teachers and educators in Cooperation with City Parks Foundation and the New York City Department of Environmental Protection. Grant, Catskill Watershed Corporation, \$20,000

*Growing Gardens, City Parks Foundation, (1999)*

**Principal Investigator:** U.S. Environmental Protection Agency grant in the amount of \$5,000 to Support the development of a garden based curriculum for grades k-8, "Growing Gardens, Growing Minds"

*Growing Gardens, City Parks Foundation, (1997-2000)*

**Principal Investigator:** New York City Board of Education grant in the amount of \$50,000 per year To develop 9 school-based gardens in the Chancellor's District schools. Additional matching funds provided by the Louis Calder Foundation, Greenacre Foundation, The Anne Richardson Fund, with additional funding from corporate and private donations.

*Woodland Teacher Training Institute, City Parks Foundation, (1997-2000)*

**Principal Investigator:** Teacher education initiative in cooperation with Community School District 9, to train 100 elementary school teachers in woodland ecology and environmental education. Funded by the Greenwall Foundation in the amount of \$80,000 over 4 years.

*Summer Ecology Institute for Teachers, City Parks Foundation, (1997-2000)*

**Principal Investigator:** Teacher education initiative to introduce teachers and environmental educators to New York City's natural resources. Funded by Pfizer Foundation, \$22,000.

*Growing Gardens, City Parks Foundation, (1997)*

**Principal Investigator:** U.S. Environmental Protection Agency grant in the amount of \$5,000 to

Provide professional development for teachers as part of a school-based garden initiative in Chancellor's District Schools.

*Trees, Tales, & Woodland Trails, City Parks Foundation, (1992-2000)*

**Principal Investigator:** An interdisciplinary environmental education program for students in grades K-12 Funded by the New York Times Company Foundation and supported over 12 years by numerous foundations and private donors averaging \$50,000 per year.

*Park Usage Survey, City Parks Foundation, (1992)*

**Principal Investigator:** Designed and implemented a teacher survey administered to 240 Impact II New York City teachers to determine environmental education needs of classroom teachers. Funded by Lila Wallace Readers' Digest Fund as part of the Urban Forest and Education Program, City Parks Foundation.

*New Jersey Teacher Education Project - Teachers College, Columbia University, (1989-94)*

**Research Assistant:** Interviewed subjects, transcribed interviews, qualitative coding of data base, and instrument design involving a longitudinal study of beginning teachers in New Jersey from college-based and alternate route teacher education programs. Funded by the National Center For Research on Teacher Education (OERI), Teachers College of Columbia University, and Michigan State University.

*Salt Marsh Ecology Program, Inwood Heights Parks Alliance, (1986-87)*

**Co-Principal Investigator:** Hudson River Foundation Grant in the amount of \$24,000 to develop a saltmarsh education program for Inwood Hill Parks Alliance, New York

### **Consultant/Evaluator**

*Bruce and Rosa go to Coney Island: Interactive Robotic Fish join the NY Aquarium, 2012-2014*  
Environmental Education Consultant for NSF11-546, \$149,995, Principal Investigator, M. Porfiri, Polytechnic Institute of New York University

*YMCA, Greenpoint, SYSTEM, Brooklyn, New York 2010-2013*

Program Development and Evaluation: Assessment of program impact on urban youth.

*Institute of Ecosystem Studies, Millbrook, New York, 2002*

Evaluator: Ten-year review of Institute of Ecosystem Studies Education Program 1983-2002.

*National Teacher Training Institute, WNET - Channel Thirteen, 1991*

Evaluator: Designed qualitative evaluation instruments for the Teacher Training Institute to evaluate the use of science videos in the classroom funded by Texaco.

### **Teaching Experience - New York University**

*Teaching and Learning Courses*

Hudson River Summer Program For Teachers

Inquiries into Teaching and Learning II  
Parks As Classrooms: Summer Institute for Social Studies Teachers  
Language and Environmental Literacies  
Using NYC's Non-Formal Resources to Teach Science  
Teaching Elementary Science Using NYC's Non-Formal Resources  
Independent Study  
Science and Social Studies for the Young Child - developed and piloted 4 modules

*Environmental Conservation Education Program Courses*

Environmental Education: Theory and Practice  
Internships in Environmental Education  
Independent Study  
Final Seminar in Environmental Conservation Education

*Dean's Research Travel Colloquium*

Humans and Nature – Developed Undergraduate Travel Abroad Program to Greece, 2008, 2010

**Other Professional Experience**

City Parks Foundation, New York 1991-2000

*Position: Director of Education*

Directed and developed the citywide education initiatives of the Urban Forest & Education Program: a privately-funded woodland restoration and education program initiated by a \$6.4 million grant from the Lila Wallace-Reader's Digest Fund.

Managed the design and establishment of the Urban Forest Ecology Center in Van Cortlandt Park which serves 20,000 visitors per year.

Edited and managed the production and distribution of *Woodlands, Wetlands, and Wildlife: A Guide To The Natural Areas of New York City Parks, Ecology Network; A Guide to Environmental Organizations for New Yorkers* and author of *The Teacher's Guide To New York City's Forests: A Curriculum for Grades K-8*.

Developed proposals and received grants for environmental education and program implementation totaling over \$1,000,000 from private foundations and government agencies.

Developed collaborations and partnerships with environmental organizations, government agencies, informal science and cultural institutions, colleges, and New York City public schools.

Developed and implemented educational programs for school groups, teachers, and families: *Trees, Tales, and Woodland Trails*; an award-winning interdisciplinary nature program for young children in grades K-2, reaching thousands of school children each year. *ParkLinks*; a middle school initiative designed to create school-park partnerships with a strong emphasis on teacher training and use of local parks as outdoor classrooms.

*Growing Gardens* - the establishment of school-based gardens for nine schools in New York City reaching 1,000 students and thirty teachers through science education and gardening.  
*The Learning Garden Project*; a year-long plant study program for 700 public school children, teachers, and parents.

Developed teacher education programs, workshops and conferences including: *New York City Woodland Teacher Training Institute* and the *Summer Ecology Program for Teachers*.

Teachers College, Columbia University 1987-1991

Division of Philosophy & the Social Sciences, Studies in Educational Policy

*Position: Program Coordinator*

Coordinated MA Program in Education Policy.

Developed and supervised internships for educators in non-traditional settings

Conducted site visits and student evaluations

Planned and organized special events, workshops, and orientations

Developed, initiated, and implemented recruitment strategies

Interviewed candidates and reviewed applications.

Designed and developed program materials and brochures

New York City Board of Education 1986-1987

Community School District Six

*Position: Coordinator of Outdoor Programs*

Developed outdoor science education programs for public school children at Inwood Hill Park for grades K-8, serving 10,000 students per year.

Inwood Heights Parks Alliance, New York 1985-1987

*Position: Director of Education*

Developed and managed outdoor education programs for urban school children.

Designed and managed the Environmental Education Center at Inwood Hill Park.

Recruited, trained, and supervised a staff of 12 field instructors.

Barnard College, New York 1984-1986

Department of Education

*Position: Administrative Assistant*

Office management including program budget

Student recruitment and advisement

Columbia University Tutoring & Translating Agency 1982-1985

*Position: Tutor and Translator*

Translated for Civil and Supreme Court (Greek/English)

Tutored college-level writing and K-12 in all academic areas.

CBS News, Election Unit 1980-1990

524 West 57th Street, New York, N.Y.

*Position: Voter Profile Analysis Supervisor*

Montessori Peaceable School 1980-1982  
Brooklyn, New York  
*Position: Early Childhood Assistant Teacher*

Irving Trust Company, 1966-1968  
One Wall Street, New York, NY  
*Position: Personnel Administrator*

*References furnished upon request.*