



Caroline Alexander Lewis

Founder and Executive Director, the CLEO Institute

12915 SW 83 Ct, Miami FL 33156 CarolineLewisEdu@gmail.com

305.431.4942

CAREER SUMMARY

I am passionate about education and its tremendous potential to influence lives; I am determined to help describe, assess and promote effective teaching; and I enjoy building capacity, promoting innovation, and inspiring leadership in students, teachers and schools.

EDUCATION

M.S. Barry University, Miami, Florida - Educational Leadership

B.Ed. University of Toronto, Ontario -Teacher Certification Grades 6-12: Sciences; Environmental Science

B.Sc. McMaster University, Hamilton, Ontario - Biology (major); Chemistry, French (minors)

EMPLOYMENT

THE CLEO INSTITUTE, Founder and Executive Director

2010-present, Miami, FL

- Spearheading initiatives and outreach to more than 18,000 participants, locally, regionally and nationally.
- Partnering with scientists, teachers and students, as well as with elected officials and business leaders, and the public at large, to promote CLEO initiatives and a climate ready future.
- Doubling the number of formal and informal trainings, events, contests and forums offered annually.
- Worked with seven schools and colleges to implement CLEO initiatives.
- Serving on panels (30+) and presenting at conferences (10+) on effective public engagement strategies.
- Shaping essential and advanced training courses on climate science, solutions, and communication.
- Defining and growing the scope of work of the CLEO Advisory Council, Youth Task Force, Volunteer Corps, and the CLEO Society. See website for details www.CLEOInstitute.org
- Was one of eleven named to the EPA's National Environmental Education Advisory Council; 2012.
- Was nominated by the Union of Concerned Scientists and selected by the White House for recognition as a community climate resilience Champion of Change; 2013.

CONSULTING SERVICES

2010-present

Serving as an independent consultant for schools and institutions to advance: effective teaching, student leadership, program development and expansion, and interdisciplinary education.

FAIRCHILD TROPICAL BOTANIC GARDEN, Outreach/Director of Education

2002-2010, Coral Gables, FL

- As outreach coordinator, created the Fairchild Challenge program to engage, initially, high school students and teachers in a variety of creative, competitive interdisciplinary challenge options to promote and provoke environmental awareness, scholarship and stewardship.
- Named director in 2003, and led the education department's staff, budgets, goals and programs; increased outreach 800%, annually engaging more than 70,000 K-12 students and countless adult learners.
- Refined, evaluated and expanded the Fairchild Challenge as a replicable program model, linking public gardens, schools and communities.
- Led Fairchild Challenge workshops for potential satellite sites, training educators from 46 institutions, nationally and internationally, to replicate this transformative, scalable program.
- Collaborated with institutions, foundations, colleges, universities, and community organizations
- Spearheaded diverse fundraising efforts to support and expand programs; partnered with scientists on several NSF grants, disseminating information, challenges and findings as per Broader Impacts.
- Program Director: Green Treasures, an intergenerational ethnobotany program funded by HHMI; managed requirements, budgets, reports; participated in rigorous program evaluation pilot.
- Fundraised for and managed an annual budget of \$1.2 million and a staff of 20.
- Delivered keynote addresses and presentations to local, national and international audiences.



EMPLOYMENT(CONTINUED)

RANSOM EVERGLADES UPPER SCHOOL

1991-2002 , Miami, FL

Director/Principal: 1999-2002

- Directed Grades 9-12 college preparatory program; 540 students; 75 faculty/staff.
- Led the administrative team of Dean of Students, College Counselors, Director of Student Activities, Guidance Counselors and Athletic Director; supervised the technology committee.
- Monitored and approved the overall budget and the instructional and capital budgets for academic departments, arts, counseling, student activities, testing, professional development, etc.
- Implemented a leadership workshop pre-requisite for all students interested in running for office
- Continued to teach semester science electives to 11th and 12th Graders.
- Promoted teacher professional development, evaluations and self-evaluations.

Dean/Science Teacher: 1991-1999

- Served as Academic Dean for the ninth, tenth and then eleventh grade classes.
- Created the curriculum for and taught Biology, Animal Behavior and BioEthics (Grades 9-12).
- Founded the Ransom Everglades Children's Center in 1992, an on campus day-care facility.

ADDITIONAL EXPERIENCE

FIELDSTON ETHICAL CULTURE SCHOOL, Riverdale, NY
Science Teacher

TRINITY SCHOOL, New York, New York
Science Teacher, Form Master/Dean

RANSOM EVERGLADES MIDDLE SCHOOL, Miami, FL
Science Teacher, Coach

HOLY NAME CONVENT SCHOOL, Port-of-Spain, Trinidad
Science Teacher
English/Arithmetic Teacher

EXTENSIVE INTERNATIONAL TRAVEL

Spent seven months trekking through Europe, India, Nepal, Thailand, Malaysia, Singapore, Indonesia, Australia and New Zealand.

RECOGNITION, APPOINTMENTS & ACTIVITIES

- Author: Just Back off and LET US TEACH, *A BOOK FOR EFFECTIVE TEACHERS AND THOSE WHO CHAMPION THEM*, 2014
- White House Community Climate Resilience "Champion of Change", 2013
- EPA's National Environmental Education Advisory Council, 2012-on-going
- Climate Literacy & Energy Awareness Network, Consortium of Scientists/Educators, 2010-on-going
- American Public Garden Association - Board of Directors, 2009-2014
- NSF RCN's Tropical Forests in a Changing World: Education-Communication Network, 2009-2011
- Maritime and Science Technology (MAST) Academy's Advisory Council, Miami, FL 2006-2011
- National Academy of Sciences, Round Table: Public Understanding of Climate Change, DC 2010
- Miami Dade County Public Schools Executive Board: Science Curriculum & Instruction, 2007-2009
- Miami-Dade County Community Image Advisory Board (CIAB), FL 2006-2009
- Miami Dade County Public Schools Science Fair Advisory Board, Miami FL 2005-2009
- CICLOS and ECOS: NSF funded programs
 - Collaborator with international scientists studying the effect of temperature change on carbon, nutrient, and water cycles in rainforests, Costa Rica 2004-2008
- United States Coalition for the UN Decade of Education for Sustainable Development, NY 2004



PRESENTATIONS & SUMMITS

- 2015 U Miami CLEO's K-12 Teacher Prof Development, Miami, FL.
Climate Across The Curriculum - Lead Instructor
- 2014 NYU/Cornell's
Climate Change Implications for Environmental Education: Framing Perspectives Workshop, New York ,NY.
Addressing EE Capacity's question: How should environmental education respond to climate change?
- Panelist
- 2011 - 2014 Annually, Two-Day Advanced Climate Leadership Training toward Empowering Capable Climate Communicators, University of Miami, Miami, FL.
Effective Climate Change Communication - Presenter
- 2013 Climate Impacts Collaborative Workshop, Washington DC.
Translating Impacts into Action: Challenges & Lessons of Communicating with Diverse Audiences about Climate Impacts - Panelist
- 2013 SE Florida Regional Climate Leadership Summit, Ft Lauderdale, FL .
Pioneering Climate Resilience Through Regional Action; We The People: growing the Grass Roots - Panelist
- 2013 Florida Atlantic University's Sea Level Rise Summit, Ft. Lauderdale, FL.
Resilience in the face of change: building bridges between sectors -Panelist
- 2013 Trinidad & Tobago Climate Resilience Conference, Port-of-Spain, Trinidad.
Climate Change Education & Public Engagement: Expanding our Efforts - Keynote
- 2013 White House Summit on Climate and Energy, Washington, DC. - Invited Participant
- 2012 Florida Atlantic University, Davie, FL.
Hydrology of the Everglades in the Context of Climate Change. Research to Outreach: Important Considerations from the CLEO Institute - Presenter
- 2012 White House Summit on Women & the Environment, Washington, DC.
Conversation on Policy Issues Important to Women - Invited Participant
- 2011 Florida Council of Independent Schools' Annual Conference, Weston, FL.
On The Importance of Motivating and Inspiring Teachers - Speaker
- 2011 Faculty Professional Development Workshop, Miami-Dade County Public Schools, Miami, FL
The Power of Teaching - Keynote
- 2009 NSTA Annual Conference, New Orleans, LA.
Engaging Diverse Learners in Science - Presenter
- 2008 Miami-Dade County Public Schools – Professional Development Workshop, Miami, FL.
Teaching as an Interpersonal Process - Presenter
- 2007 Science Teacher of the Year Awards Banquet, Miami, FL.
The Power of Teaching - Keynote
- 2006 Smithsonian Institute Biodiversity Assessment and Monitoring in South Florida. Miami, FL.
Novel Approaches to Conservation Education - Presenter