

BIOGRAPHICAL SKETCH: ANGELA P. LODGE

College of Marine Science
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PROFESSIONAL PREPARATION

2009	D.D.	Divinity	International Seminary
1980	M. S.	Social Work	New York University, New York
1978	B. A.	Sociology	Hunter College, New York

APPOINTMENTS

2003-Present *Education and Outreach Coordinator*- fieldtrips & teacher professional development workshops facilitator, GLOBE & NOAA BWET Program trainer/facilitator, evaluator, Spoonbill Bowl Coordinator, College of Marine Science, University of South Florida

1999-Present Co-Director and Youth Development Coordinator, Student Recruiter and Staff Trainer *Oceanography Camp for Girls*, USF

1991-1999 Co-Director, *Camp Anytown Multicultural Leadership Camp for Youths*, National Conference of Community and Justice, Tampa Bay Florida

1990- 1999 *Teen Parent Social Worker/Teacher/Multicultural Liaison*, Pinellas County Schools, Florida

1989-1990 *Human Services Program Analyst*, Health and Rehabilitation Services (Children Youth and Family Services), St. Petersburg Florida
Protective Investigator, Health and Rehabilitative Services, St. Petersburg FL
Behavior Modification Weight Loss Counselor, Nutri System

1988-1989 *Therapist Consultant*, Mental Health Services, Homeless Families Program, St. Petersburg, Florida
Student Consultant, Community Volunteer, Queens New York
Medical Social Worker, Interfaith Medical Center, Hematology Dept. Sick Cell Program, Brooklyn New York
Crisis Counselor, Victim Services Agency, New York, NY

PROFESSIONAL CERTIFICATIONS

1998 Youth Development B.E.S.T. Initiative, Juvenile welfare Board, Florida

1994 Aesthetician Certification, Florida

1992 K-12 Teacher Certification, Florida

1981 Social Worker Certification, New York

PUBLICATIONS

2008. *Oceanography Camp for Girls Staff Manual*, University of South Florida College of Marine Science

2003-06 *College of Marine Science GK-12 Fellowship Program Annual Evaluation Reports*, University of South Florida, Saint Petersburg, FL

2001. *Camp Anytown Multicultural Leadership Camp for Youths Staff Manual Edition*, National Conference of Community and Justice, Tampa Bay Florida

SYNERGISTIC ACTIVITIES (related to the integration and transfer of knowledge)

Teaching and training: *OCEANS GK-12 Teaching Fellowships* Greely provided graduate level scientists with the pre-professional skills to effectively (as measured via program evaluation) communicate and

teach ocean sciences to students and teachers in K-12 settings; *In-service Teacher Oceanography Workshops* served over 500 teachers and covered 12 ocean themes.

Development curricular materials: Co-developed, piloted, and evaluated over 150 middle and high school level lesson plans (e.g. Extreme Environments, Fun with Phages & Fluorescence) and in-class labs to demonstrate the role of the ocean in sciences and society; developed three-part series teaching manuals for the Oceanography Camp for Girl, NSF model science education program.

Broadening the participation of groups underrepresented in science through the Oceanography Camp for Girls, since 1991, which actively recruits, educates, and inspires *all* young women including minority and non-minority girls of all learning abilities (e.g. high achieving, average, and high potential). Over the past four years, the OCEANS Fellowship Program has supported 30 graduate scientist-teacher mentor teams (36% minority) to teach in 20 schools to over 5000 students (37% minority and 47% in free/reduced lunch programs). To date, the OCEANS program has enhanced science learning, teaching, and scores, and has also provided critically needed minority role models pursuing science and technology careers to encourage and inspire all students to participate in science.

Development of a three-course series on how to teach and communicate ocean sciences including pedagogical methods of inquiry and experiential learning for scientists and teachers

Development of research tools in science education: contributions to emerging research field of ocean literacy and reasoning about ocean issues; doctoral research findings provided baseline data for high school aged youth, as well as four ocean literacy instrument validated using Rasch model

TRAINING /PRESENTATIONS

- 2004-09 Multiple presentations/trainings at AGU, ASLO, NMEA annual conferences
 - 2003 Multicultural Sensitivity Training, Hospice of the Florida Suncoast
 - 1999-2003 Teen Issues and Staff Development Training, Oceanography Camp for Girls, USF
 - 2000 Parent Empowerment Training, Pinellas County Urban League
 - 1991-1998 Multicultural, Gender Equity, Conflict Resolution/ Peer Mediation and Parent Trainings, Pinellas County Schools, Faculty, Staff, Students and their families
 - 1996 Guest Expert, Fox 13 TV Teen Show "Plugged In" (Teen Pregnancy and Teen Poverty)
 - 1996 Guest Expert, Channel 10, "Ten Teen Magazine" (Teen Race Relations)
 - 1997 Guest Expert Channel 14, "Pinellas County Education Station" (Youth Race Relations)
 - 1997 Guest Expert, Channel 35, City of St. Petersburg Station "2 B Real"
- Over 20 years of serving as a trainer of trainers on various topics including: Multicultural Sensitivity, Conflict Resolution Peer Mediation, Gender Equity, Grief and Mourning, Human Sexuality, Parent Partnership (Parent Empowerment Program), Youth Fellowship

SCIENCE EDUCATION TRAINING AND FACILITATOR

- 2009 Project WET Training, Orlando, FL
- 2007 USGS Center Coastal Watershed Studies PD Facilitator
- 2004 GLOBE Trainer, Orlando FL and Boulder CO
- 2002 Children and Youth Conference, Tampa Florida
- 2001 Quality Education for Minorities (QEM) Conference, Washington DC
- 2001 Community Building for Scientists and Educators, Harbor Branch Oceanographic Institute

VOLUNTEER

2013- PRESENT PASTORAL CARE VOLUNTEER, ST. ANTHONY'S HOSPITAL

AWARDS AND HONORS

- 1997 Best Volunteer Award, The National Conference Of Community and Justice, Tampa FL
- 1996 Brotherhood Sisterhood Service Award, The National Conference of Community & Justice

1995 Peacemaker Award, The National Conference of Community and Justice, Tampa FL

PROFESSIONAL AFFILIATIONS

American Geophysical Union, National Marine Educators Association, American Society of Limnology & Oceanography, Hospice of the Florida Gulf Coast, Speakers Bureau, National Association of Social Workers, National Association of School Social Workers, National Conference of Community and Justice