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EDUCATION

1996 To present

Ph. D. in Philosophy with Concentration in Biological Oceanography
Department of Marine Sciences
University of Puerto Rico in Mayagüez

1990-1996 M.S. in Philosophy with Concentration in Biological Oceanography
Department of Marine Sciences
University of Puerto Rico in Mayagüez

1984-1990 B.S in Sciences with a Concentration in
University of Puerto Rico in Humacao

EMPLOYMENT

2000 to present

Professor, University of Puerto Rico in Humacao

- * Counselor of the Coastal Marine Biology Program
- * XXII Caribbean Flora and Fauna Symposium Committee
- * Library Committee of the Department of Biology
- * Courses: General Biology, Marine Ecology and Lab, Oceanography

1999 Professor, Catholic University of Puerto Rico – Mayaguez

- * General Botany and Laboratory
- * Marine Biology and Laboratory

1997-1998 Education Coordinator for NOAA/Department of Environment and Natural Resources of the Commonwealth of PR in the Jobos Bay National Estuarine Research Reserve

1996-1997 Phycology Laboratory Technician

Department of Marine Science, University of Puerto Rico in Mayagüez

RECENT WORKSHOPS

- August 2003 STELLA Application to Modelling Dynamic Systems
Sponsored by: PR-Louis Stokes Alliance for
Minority Participation (PR-LSAMP)
- June 2003 BIO 2010: Computational Solutions to Biological Problems
Sponsored by: Division of Biology and Biomedical Sciences Department
Washington University School of Medicine
St. Louis, Missouri
- May 2003 'Mangroves Ecology Workshop in Puerto Rico'
Smithsonian Environmental Research Center
in collaboration with PR-Louis Stokes Alliance for
Minority Participation
- April 2003 Use of Molecular Methods to Analyze Microbial Diversity
Sponsored by Research Undergraduate Institute Program
Cabo Rojo Salterns Microbial Observatory Project

RECENT PRESENTATIONS

- May 2003 Heat shock proteins and their uses
XXII Caribbean Flora and Fauna Symposium
U.P.R. – Humacao
- April 2003 Use of heat shock proteins as bioindicator of contaminated areas:
an immunological assay
4th Women National Colloquium – Poster Session
U.P.R. – Humacao
- June 2002 Presence of heat shock in the red algae *Murrayella pericladus*
American Society of Limnology and Oceanography
Victoria, Canada

AWARDS

- 2003 – 3004 Funds for Research (FOPI)
U.P.R. – Humacao
- 2001-2003 ADVANCE- IT Research Funds for Women in Sciences
- 1999 – 2000 Minority Graduate Education Program Fellowship
U.P.R. - Mayaguez
- 1996 – 1998 MBRS – Graduate Research Program
U.P.R. – Mayaguez

RESEARCH EXPERIENCE

- 2003 - 2004 Temperature effect in the heat shock protein expression in corals
Sponsored by: NSF ADVANCE IT
U.P.R. – Humacao
- 2001 – 2003 UV radiation effect in the heat shock protein expression in corals
Sponsored by: FOPI – U.P.R. - Humacao
- 2000 – 2002 Vieques Island: an exposure assessment
Sponsored by: Sea Grant college Program
U.P.R. - Mayaguez
- 1997 Inventory of Marine Invertebrates associated with the Antonio López
shipwreck in Dorado, Puerto Rico
- 1996 to present Rol of stress proteins in the production of eicosanoids in the red algae
Murrayella pericladus (C. Agardh)- Ph. D. Research Project
U.P.R. – Mayaguez
- 1996 Bacterial biomass in the Caribbean Time Series Station
Department of Marine Sciences – U.P.R. - Mayaguez
- 1992 – 1996 Chlorophyll-a, particulate organic sediments and nutrients in the vicinity
of Añasco River - M.S. Research