

BIOGRAPHICAL SKETCH

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NAME Chaparro, Mildred	POSITION TITLE Professor of Biology
eRA COMMONS USER NAME (credential, e.g., agency login) MCHAPARRO	

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.)*

INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	MM/YY	FIELD OF STUDY
University of Puerto Rico at Mayaguez	B.S.	06/73	Zoology
University of Puerto Rico at Mayaguez	M.S.	06/78	Biology
Texas A&M University	Ph.D.	05/85	Food Science & Technology

A. Personal Statement

B. Positions and Honors

Positions and Employment

1993 - Present Professor, Department of Biology, UPR-Mayaguez
 1991 - Present Adjunct Professor, Food Science and Technology Program, UPR-Mayaguez
 1988 - 1993 Associate Professor, Department of Biology, UPR-Mayaguez
 1977 - 1980 Instructor, Interamerican University of Puerto Rico, Guayama

Other Experience

2001 -2209 Dean of Academic Affairs, UPR-Mayaguez
 1990 -1994 Director, Department of Biology, UPR-Mayaguez
 1990 (One Semester) Assistant to the Chancellor, UPR-Mayaguez
 1991 - Present Director, MARC Program, UPR-Mayaguez
 1997 - Present Co-Director Sloan Undergraduate Research Program, UPR-Mayaguez

Professional Memberships

Institute of Food Technologists

C. Research Support

Ongoing Research Support

5T34 GM008419-21
 MARC U-STAR PROGRAM, University of Puerto Rico-Mayaguez

06/01/2011-05/31/2016

The goal of this program is to enhance the training environment for biology, industrial microbiology, industrial biotechnology, and chemistry honors students as a way of improving their preparedness for graduate training in biomedical sciences.

Role: PI

2R25 GM058389

09/30/1998-08/31/2012

Bridges to the Doctoral Degree: University of Puerto Rico to University of Medicine and Dentistry New Jersey

The goal of the Bridges to the Doctorate UMDNJ-UPRM is to assist underrepresented minority graduate students in making the transition from the M.S. Program in Biology at the University of Puerto Rico-Mayaguez (UPR-M) into the Ph.D. Programs in the Molecular Biosciences at UMDNJ-Graduate School of Biomedical Sciences (GSBS), Piscataway Campus, offered jointly with Rutgers, The State University of New Jersey (RU).

Role: Coordinator at UPR-M

Sloan Foundation

Sloan Undergraduate Research Program (SURP)

08/2009-05/2012

The goal of the Sloan Undergraduate Research Program is to increase the number of minority undergraduates from the departments of biology and chemistry that pursue the doctoral degree, through student participation in academic activities designed to increase their competitiveness for graduate school.

USDA-NIFA-HSI 2010-38422-21343

08/15/2010-08/14/2013

Strengthening the pipeline of undergraduate students into the Masters program in Food Science and Technology at UPRM

The goal of this program is to increase the number of undergraduate students from feeder programs that become interested in pursuing the Masters degree in Food Science and Technology at UPR-M, through a curricular sequence in food science, workshops in medular areas of food science, on-campus research opportunities, and the opportunity for a COOP practice in a food science industry. Students can have the opportunity of presenting their research work at a national forum and can opt for a scholarship to pursue the Masters degree in Food Science and Technology at UPR-M.