

VIVIAN NAVAS

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EDUCATION

1990 Ph.D. Cell and Structural Biology
University of Illinois at Urbana-Champaign
1982 M.A. Biology
State University of New York, New Paltz, NY
B.S. Biology
1978 University of Puerto Rico, Mayagüez Campus

PROFESSIONAL EXPERIENCE

1994-present Professor, Biology Department, University of Puerto Rico, Mayagüez Campus
2000-present Curriculum Coordinator Howard Hughes Medical Institute Program
2000-present American Society Cell Biology Linkage Fellow
1999-present Microscopy Facility Coordinator
1999 Faculty Facilitator, Curriculum Innovation Center, Puerto Rico Alliance for Minority Participation, NSF
Spring 1997 Project Director, First Year Experience
Office of Academic Affairs, University of Puerto Rico, Mayagüez Campus
1987 Teaching Assistant, Department Cell and Structural Biology,
University of Illinois at Urbana-Champaign
1982-1990 Instructor, Biology Department, University of Puerto Rico, Mayagüez Campus
1981-1982 Supervisor, Electron Microscopy Facility, State University of New York, New Paltz,
NY
1981 summer Laboratory Instructor Eight Annual Electron Microscopy for Biological,
Medical and Health Sciences Program
State University of New York, New Paltz, NY

RESEARCH INTEREST

Lymphatic System
Morphology and Ultrastructure
Cell Biology
Electron Microscopy

COURSES TAUGHT

General Biology I and II
Histology
Scanning Electron Microscopy course and laboratory

PUBLICATIONS

Navas, V. 1999. Course Review Guide. Curriculum Innovation Center, Puerto Rico Alliance for Minority

Participation (NSF).

Navas, V. and L Morell. 1999. Academic Program Review Guide. Curriculum Innovation Center, Puerto Rico Alliance for Minority Participation (NSF).

Navas, V., P.J. O'Morchoe and C.C.C., O'Morchoe. 1995. Lymphatic System of the Rat Pancreas. *Lymphology* 28, 4-20.

Navas, V. 1993. Curriculum Assessment- General Biology Course, Alliance for Minority Participation (NSF).

Navas, V., P.J. O'Morchoe and C.C.C. O'Morchoe. 1991. Lymphatic Valves of the Rat Pancreas. *Lymphology* 24, 146-154.

Navas, V., P. J. O'Morchoe, M.D., Doyle and C.C.C., O'Morchoe, 1990, *Intraglandular Lymphatic System of the Rat Pancreas*. Progress in Lymphology-XII. Elsevier Science Publishers, 301-302.

Doyle, M.D., P.J. O'Morchoe, V. Navas and C.C.C. O'Morchoe, 1988, *A Combined Enzyme Histochemical and Computer image analyses technique for the identification of intraorgan lymphatic vessels*. Progress in Lymphology XI. Elsevier Science Publishers, 133-138.

SEMINARS AND CONFERENCES

Biology Undergraduate Curriculum Innovations, V. Navas, R. Buxeda, R. Montalvo, M. Chaparro, N. Duffot, The American Society for Cell Biology, 42nd Annual Meeting, December 14-18, 2002.

Curriculum Transformation in Undergraduate Biology Courses at UPRMC, International Conference on College Teaching and Learning. Jacksonville, Florida, April 2002.

Curriculum Innovations in Biology, First Biology Congress. San Juan, Puerto Rico, March 2002.

Course Review Guide, Curriculum Innovation Center, Puerto Rico Alliance for Minority Participation (NSF). University of Puerto Rico, Mayaguez Campus. September 1999.
Hotel Travel Lodge, Isla Verde, Puerto Rico, April 30, 1999

Importance of the Syllabus. Center for Professional Enhancement. University of Puerto Rico, Mayaguez Campus,
University of Puerto Rico, Mayaguez Campus, December 2, 1997
Mayaguez Resort, Mayaguez, January 30, 1998

Scanning Electron Microscopy 1997-2002

Numerous presentations to students and faculty of various departments of the University of Puerto Rico, Mayaguez Campus and of other institutions.

COMMITTEES

Biology Department Assessment Committee Coordinator (2002-present)