

August 2011

CURRICULUM VITAE

I. PERSONAL

Name: Raymond Alan Wells

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II. EDUCATION

Ph.D. Biological Science	1976 - 1985	University of Southern California; Catalina Marine Science Center
M.S. Biology	1974 - 1976; 1981	California State University, Northridge
	1975 - 1976	Santa Catalina Marine Biological Laboratory, University of Southern California.
B.A. Biology	1968 - 1974	California State University, Northridge

III. ACADEMIC DISCIPLINE

Marine Biology; Community Ecology; Invertebrate Zoology; Marine Phycology;
Invertebrate Physiological Ecology, General Biology.

MASTER'S THESIS: Activity Pattern as a Mechanism of Predator Avoidance in Two Species of Acmaeid Limpets

PH.D. DISSERTATION: Disturbance and the Dynamics of a Shallow Subtidal Algal Assemblage in Big Fisherman's Cove, Catalina Island, California

IV. EMPLOYMENT AND ACADEMIC AFFILIATIONS

1982-present	<u>Professor</u> . Life Science Department, Los Angeles Pierce Community College
1981-1994	<u>Adjunct Assistant Professor</u> , California State University, Northridge.
1983-present	<u>Research Associate</u> . Ocean Studies Institute, California State University
1978-1984	<u>Research Associate</u> . Dept. of Biological Sciences, University of Southern California. Supervised laboratory of Kelp Invertebrate Project of the San Onofre Nuclear Generating Station Impact Study, Marine Review Committee, California Coastal Commission.
1980-1984	<u>Teaching Assistant</u> . Dept. of Biological Sciences, University of Southern California
1974-1976	<u>Teaching Assistant</u> . Biology Department, CSU Northridge

V. COURSES TAUGHT AND COLLEGE SERVICE

Regular Assignment: Biology 121 - Lectures in Marine Biology; Biology 122 - Marine Biology Laboratory and Field Studies; Biology 3 - General Biology; Biology 11A - Marine Ecology, Kelp Forest Community of Catalina Island; Biology 11B - Marine Ecology - Rocky Intertidal Environment of the Punta Banda, Baja, California; Biology 11C - Marine Ecology - Wetlands Environment of the Punta Banda, Baja, California. Also, Biology 10 - Natural History of Southern California.

International Education Program: Oceanography 12 - Ecology of Caribbean Coral Reefs, Belize, Central America; Biology 123 - Marine Biology of the Sea of Cortez, Bahia de los Angeles, Baja California, Mexico; Biology 11B - Marine Ecology - Rocky Intertidal Environment of the Punta Banda, Baja, California; Biology 11C - Marine Ecology - Wetlands Environment of the Punta Banda, Baja, California.

California State University, Northridge: Biology 404 - The Algae; Biology 520QC - Seminar in Experimental and Sampling Design; Biology 521 - Graduate Seminar in Community Ecology, Concepts in Community Ecology - NSF Advances in Biological Sciences Program, Biology 325 - Life in the Sea; Biology 323 - Plants and Animals of Southern California; 326 - Marine Biology of the Northern Gulf of California, Puerto Penasco, Sonora, Mexico; Biology 282 - Human Physiology Laboratory; Biology 150/151L - General (majors) Biology Laboratory; Biology 316L - Plant Biology Laboratory; Biology.

College Service - Pierce College. Chair of Professional Development Committee (1992 - 2006) - developed and administered the Instructional Improvement Program. Academic Senator 1990-2006. Member, Distance Education Committee and Information Technology Committee. Co-chaired the Shared Governance Committee - developed the shared governance structure for Pierce College. Student grievance advocate. Member of other campus-wide committees and task forces.

VI. PUBLICATIONS AND PRESENTATIONS

Marine Resources Inventory of Leo Carillo State Beach, California State Department of Parks and Recreation Publication.

Activity Pattern as a Mechanism of Predator Avoidance in Two Species of Acmaeid Limpets. *J. Exp. mar. Biol. Ecol.*, 1980, Vol. 48(2), pp. 151-168.

Disturbance Mediated Competition in a Macrocystis Community. In, Symposium on the Effects of Waste Disposal on Kelp Communities. Univ. Calif. Mar, Res, Inst./SCCWRP, 1983.

The Influence of Fish Predators on the Distribution and Abundance of the Tropical Sea Urchin Diadema antillarum. NOAA Technical Memorandum OAR NURP-2

Survival in the Kelp Forest: Competing Strategies Among Competing Species. Presented in colloquium series, Duke University Marine Laboratory, 1991.

Disturbance Mediated Competition in a Shallow Subtidal Algal Community. Presented to Western Society of Naturalists, 1982.

Disturbance and Algal Competitive Interactions in a Marine Subtidal Community. Invited presentation, Biology Colloquium Series, California State University, Northridge,

1983.

Report on the Aquatic Biology of the Lower Rio Papaloapan and Laguna Alvarado, Veracruz, Mexico. United Nations and Pan American Health Organization sponsored multi disciplinary study in international development.

VII. GRANTS RECEIVED

Santa Monica Mountains Resources Conservation District: Studies of the Diets of Non-native Fish Species on the Abundance of the Endangered Tidewater Goby, 2000.

Leo Carillo State Beach Marine Resources Inventory; Contract No. 54-01-012, 1993

Faculty Professional Development Research Grants, Pierce College, 1989, 1993.

Principal Investigator, Hydrolab Caribbean Regional Program Grant, National Oceanic and Atmospheric Administration 1983.

Sigma Xi Grant-in-Aid of Research 1975 and 1978.

VIII. Advisory and Consulting Boards

National Science Foundation Sponsored Consulting Board, Prescott College Sea of Cortez Marine Station - Educational Resources Moderator.

Scientific Advisory Board - Cabrillo Marine Aquarium

Board Member - Southern California Academy of Sciences 2000-2003

Parks Advisory Board, Bogdanovich/Averill Parks - L.A. City Recreation and Parks

Site Council President - Park Western Marine Science Magnet Elementary School, Los Angeles City School District 2003-2008

Member, Leadership Council - Dana Middle School, Los Angeles City School District 2003-2011

Community Representative, San Pedro High School Based Management Council & Advisory

Board Member of the Global Environmental Small Learning Community 2010-

present; Chair of Parent/Community Advisory Board.

IX HONORS

Recipient of 2001 California Community College Board of Governors Hayward Award for Excellence in Education

X. REFEREES

Dr. Larry Allen, Professor
Director SCMI/CSUOSI
Department of Biology
California State University,
Northridge, CA 91330
(818) 677-3340

Darroch Young
Past-Chancellor, Los Angeles
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6201 Winnetka Avenue
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Dr. Richard Winn, Director
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