

CURRICULUM VITAE

Jennifer Keliher-Venegas

Undergraduate Student

HOME (619) 600-3227; CELL (619) 616-0218

info@jenniferkeliher.com; Jennifer.Keliher@noaa.gov

<http://www.jenniferkeliher.com>

EDUCATION

- 2009 – Present San Diego State University (SDSU), San Diego, CA
Major: Marine Biology
- 2005 - 2009 Southwestern Community College (SWC), Chula Vista, CA
Related course work: Cell and Molecular Biology, Zoology,
Calculus, Chemistry, Oceanography, Communications.
- Spring 2008 Cross Enrollment: San Diego State University (SDSU), CA
Biology 246: Colloquium in Biomedical Science.
- Fall 2007 Cross Enrollment: San Diego State University (SDSU), CA
Psychology 492: Responsible Conduct of Biomedical
Research.
- 2000 – 2004 Eastlake High School, Chula Vista, CA
High School Degree
-

RESEARCH

- Present NOAA Southwest Fisheries Science Center, La Jolla, CA
Baccalaureate Scholarship in the laboratory of Nicholas Kellar
Study: “Determining Steroid Hormone Profiles in Arctic Marine
Mammal Species (Bowheads, Belugas, Bearded Seals, and
Walruses)”
- Summer 2009 Summer Training Academy for Research in the Sciences (STARS)
Program; Southwest Fisheries Science Center (NOAA), Scripps
Institute of Oceanography (UCSD)
- Summer 2008 Research Experience for Undergraduates (REU) Program on River
and Coastal Restoration, National Science Foundation (NSF)
- Summer 2007 Bridges to the Future Program, National Institutes of Health
(NIH), Southwestern College and San Diego State University
-

HONORS AND AWARDS

2009-2012	Minority Biomedical Research Support (MBRS)/Initiative for Maximizing Student Development Program (IMSD); National Institutes of Health (NIH), National Institute of General Medical Sciences (NIGMS)
2009-2011	Ernest F. Hollings Undergraduate Scholarship Recipient; National Oceanic and Atmospheric Administration (NOAA)
2009-2012	Honors Program, San Diego State University
Summer 2009	NSF/MESA Summer Internship Program, Southwestern College
2009	Association for Women in Science (AWIS) Scholarship Recipient
2009	Alliance/Merck <i>Ciencia</i> Scholarship Recipient (Merck Company Foundation, Merck Institute for Science Education)
2009	LIPP Foundation Biology Academic Excellence Scholarship, Southwestern College School of Math, Science, and Engineering
2009	Eastlake Fund Scholarship, Southwestern College Foundation
2009	SACNAS National Conference Travel Scholarship Recipient
2009	MESA Spirit Award, Southwestern College
2008 – 2009	Mathematics Engineering Science Achievement Program (MESA), Southwestern College
Summer 2008	NSF/MESA Summer Internship Program, Southwestern College
2008	SACNAS National Conference Travel Scholarship Recipient
2008 - June	President's List: 13 units completed with 4.0 GPA.
Summer 2007	Bridges to the Future: Outstanding Student in Research Methods and Design Award
2007 - June	President's List: 13 units completed with 4.0 GPA.

INVITED SEMINARS AND SYMPOSIA

- *Study: “Comparative Analysis of Killer Whale (*Orcinus orca*) mtDNA Diversity and Social Structure in the Northwest and Eastern Tropical Pacific”*
- 2009 – September Mathematics, Engineering, Science Achievement (MESA) Night of Southwestern College. *Oral and Poster Presentation*. Chula Vista, CA.
- 2009 – August UCSD Summer Research Conference. *Oral Presentation*.
- *Study: “Post-Flood Sedimentation and Flood Tolerance of Plant Species in a Young, Emerging Delta”*
- 2008 – October 2008 SACNAS National Conference. *Poster Presentation*. Salt Lake City, UT.
- 2008 – September Mathematics, Engineering, Science Achievement (MESA) Night of Southwestern College. *Oral and Poster Presentation*. Chula Vista, CA.
- 2008 – August 8th Annual University of Minnesota Undergraduate Summer Research Symposium. *Poster Presentation*. Minneapolis, MN. Center for Earth Surface Dynamics. *Oral and Poster Presentation*. Minneapolis, MN.
- 2008 – August 1st Annual NSF/MESA Summer Internship Program Symposium of San Diego State University. *Poster Presentation*. San Diego, CA.

EXTRACURRICULAR ACTIVITIES/COMMUNITY INVOLVEMENT

- Fall 2009 Biology: Major’s Day Presentation at Southwestern College; *“Making Every Moment Count: Research, Mentorship, Networking”*
- 2009 Member of the San Diego State University SACNAS Chapter
- Spring 2009 Biology Club Vice President, Southwestern College.
- 2009 – April Competed and won first place in the San Diego MESA Alliance 16th Annual Calculator Olympics
- 2009 – March Organized a beach clean-up at the Boca Rio beach-break in Imperial Beach, CA.

2008	Biology Club Secretary, Southwestern College.
2008 – December	Volunteer for a Tijuana River National Estuarine Research Reserve project led by San Diego State University graduate fellow Kellie Uyeda on invasive vegetation species distribution.
2008 – November	Volunteer at Marie Curie Elementary School's K-2 nd Grade Science Fair
2005 – 2008	Volunteer at the Tijuana Estuary involved in restoration and stewardship projects.
2005 – 2007	Youth mentor at community church; organized and assisted youth retreats and activities regularly.

TEACHING EXPERIENCE

2008 – 2009	Teaching Assistant – <i>Zoology</i> to students majoring in Biology and <i>General Biology</i> for non-majors at Southwestern College directed by Nira Clark. Collaborated on laboratory curriculum and exam development; taught lecture curriculum during workshops, assisted in grading assignments and laboratory exams.
2009 – January	Guest Instructor - Delivered an interactive lesson on the cell to an audience of fifth grade students at Thurgood Marshall Elementary. Along with two peers, we built a comprehensive workshop utilizing computer media, hand-held viewers, and constructed a macro model that involved student participation and common materials to signify subcellular structures.

PROFESSIONAL MEMBERSHIPS

2008 - Present	Society for the Advancement of Chicanos, Latinos, and Native Americans in Science (SACNAS)
2008 - Present	Association for Women in Science (AWIS)
2009 – Present	Sierra Club
2008 - 2009	Reef Check Foundation

PROFESSIONAL DEVELOPMENT

- *Graduate Records Exam (GRE) Workshops: Verbal, Quantitative, Analytical Writing, Reading Comprehension, and Data Analysis*

- Summer 2009 Presented by Michael Flynn for the STARS scholars at the University of California San Diego.
- *Workshop: “Effective Scientific Presentation Skills”*
- 2009 – July Presented by Dr. Micheal Latz from Scripps Institute of Oceanography for the STARS scholars at the University of California San Diego.
- *Workshop: “Journey from Undergrad to SIO Graduate Student”*
- 2008 – November Presented by Damien Kahekili Cie from Scripps Institute of Oceanography at Southwestern College.
- *Workshops: “Confronting Global Climate Change in the Marine Environment: Current and Future Challenges; Teaching Climate Change Using Dominant and Critical Perspectives; Preparing for Success in Advanced Studies”*
- 2008 – October SACNAS 2008 National Conference; Salt Lake City, UT.
- *Workshop: “How to Write a NIH Grant Proposal”*
- 2008 – October Presented by Geanncarlo Lugo-Villarino from UCSD; Biology 246 Colloquium in Biomedical Science Course at San Diego State University.

LANGUAGES

English	Native language
Spanish	Speak fluently and read/write with proficiency

REFERENCES

Sarah L. Mesnick, PhD

Southwest Fisheries Science Center, NOAA Fisheries Service
 3333 N. Torrey Pines Court, La Jolla, CA 92037
 Office: (858) 546-7148
sarah.mesnick@noaa.gov

Raga M. Bakhiet, PhD

Director of Mathematics, Engineering, Science Achievement (MESA) Program
 Southwestern College
 900 Otay Lakes Road, Chula Vista, CA. 91910-7299
 Office: (619) 428-6381
rbakhiet@swccd.edu

Nira Clark

Professor of Biology

Southwestern College 900 Otay Lakes Road, Chula Vista, CA. 91910-7299

Office: (619) 421-6700 x5688

nclark@swccd.edu

Guerry O. Holm, Ph.D.

Senior Postdoctoral Scientist

Louisiana State University

Baton Rouge, LA 70803

Office: (225) 578-6364

Cell: (225) 715-8533

gholm@lsu.edu