

#### IN PARTNERSHIP WITH







# OUR MISSION

IS TO TRAIN THE NEXT GENERATION TO BECOME SCIENTIFICALLY LITERATE, INTERNATIONAL TEAM PLAYERS THROUGH OUR HANDS-ON FIELD RESEARCH INTERNSHIPS. WE BELIEVE OCEAN LEADERS SHOULD REFLECT THE DIVERSITY OF OUR BROADER SOCIETY.





# THE PROGRAM

- 1. TRAINING
- 2. DATA COLLECTION
- 3. ANALYSIS
- 4. WRITING
- 5. DISSEMINATION OF RESEARCH



# WE ARE UNIQUE

- CULTURAL IMMERSION
- ENDANGERED SPECIES AND COMMUNITIES BENEFIT
- STUDENT PUBLICATION OPPORTUNITIES
- CAREER GUIDANCE



PARTNERED

WITH

22

INTERNATIONAL

**HOST** 

**ORGANIZATIONS** 

RELEASED

280,000

SEA TURTLE

HATCHLINGS

REMOVED

24,800

PIECES OF TRASH



WE HAVE HELPED

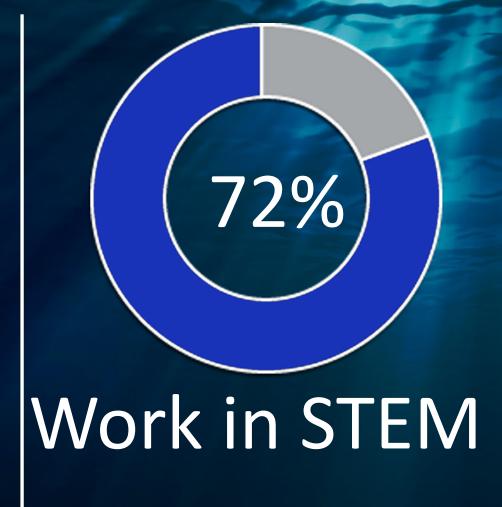
# 102

INTERNS

48% secondary

education

**MORE THAN** 



68%

OF INTERNS PRESENTED AT
CONFERENCES OR
PUBLISHED THEIR RESEARCH

# SCHOLARSHIPS FOR UNDER-REPRESENTED STUDENTS





NATURE



CULTURE

**FRIENDS** 



GROWTH



# **ACADEMICS**

WE OFFER UNIVERSITY CREDITS
IN MORE THAN 6 SUBJECTS
FOR FIELD RESEARCH PROJECTS



#### **ENDANGERED SPECIES**



#### **CLIMATE CHANGE**



#### **POLLUTION**



### **TOPICS**

Mammalian predation on turtle nests

Fish assemblages

Tourist – sea turtle interactions

Global warming and sea turtles

K-12 Education

Artificial incubation of turtle eggs

Marine debris research

Sea cucumbers

Coral reef helath

E. coli contamination

Leatherback bycatch

**Conservation Documentaries** 

Touch week site coloration

Turtle nest site selection

Sargassum stranding solutions

Human health

Modeling sea level rise

Hatchling survival and quality

Mammalian heath assessment

Business and marketing plans for conservation

Whale sharks

Coral restoration

Seagrass mapping

Avian conservation

#### UNIVERSITES of PAST INTERNS

Hawaii Pacific University Stoneybrook Oregon State University San Diego State University San Francisco State University **Audubon University** Chapel Hill University Antioch College Florida International University **Kutztown University Ohio University** Hawaii Pacific University Grand State University University of California at San Diego Colorado University University of California at Santa Cruz University of Michigan Westminster College Rensselaer Poly Tech University of North Carolina at Wilmington Universität Leipzig, Germany Florida International University University of Milan, Italy

Instituto Technologico de Bahia de Banderas University of Missouri Bethel College University of San Diego Florida Atlantic University University of Miami Cornell University of Michigan Pitzer College Tecnólogico de Estudios Superiores de Monterrey Universidad de Monterrey University of County Cork University of Nebraska Fielding University Roger Williams St. Michael's college Florida Gulf Coast University Florida International University Clemson University **UC** Davis UNAM San Luis Potosi Steven's Point University University of Arkansas

#### Journal of Global Ecology and Environment

6(3): 93-100, 2017 ISSN: 2454-2644



#### Marine Turtle Newsletter

Issue Number 134 July 20

#### A METHODOLOGICAL FRAMEWORK FOR ASSESSING SEA LEVEL RISE EFFECTS ON A MARINE TURTLE NESTING BEACH: A CASE STUDY AT MAYTO, JALISCO, MEXICO

#### KARA HIEBERT<sup>1\*</sup>, JAY SHAKER<sup>2</sup>, ISRAEL LLAMAS<sup>3</sup>, MARIANNE FISH<sup>4</sup> AND KATHERINE COMER SANTOS<sup>5</sup>

University of Illinois College of Veterinary Medicine, 2001 S. Lincoln Ave, Urbana, IL 61802, USA.
 Jonsson Engineering Center #2012 Rensselaer Polytechnic Institute, 110 8th Street, Troy, NY 12180, USA.
 Mayto #47 Poblado de Mayto, Cabo Corrientes, Jalisco CP 48400 Mexico.
 Independent Researcher, Brentwood Bay, BC V8M 1E9, Canada.

<sup>5</sup>The Science Exchange International Internship Program, San Diego State University, 4414 ½ Kansas St., Sa Diego, CA 92116, USA.

Climate change implications for the nest site selection process and subsequent hatching success of a green turtle population

Katherine Comer Santos, Marielle Livesey, Marianne Fish & Armando Camargo Lorences

#### Mitigation and Adaptation Strategies for Global Change

An International Journal Devoted to Scientific, Engineering, Socio-Economic and Policy Responses to Environmental Change

ISSN 1381-2386

Mitig Adapt Strateg Glob Change DOI 10.1007/s11027-015-9668-6





Wann family clearing the fish trap at low tide, with reef flat and mangrove habitat in the background, during an extended cooperative research project on sea turtles in Exmouth Gulf. Western Australia, see pages 3-8 (photo: Jo Wann).

#### Articles

at Playa Caletas, Guanacaste, Costa Rica. J Ramos et al.

Anti-fungal Properties of Sea Turtle Cloacal Mucus and Egg Albumen. AD Phillott & CJ Parmenter

Natal Homing by an Adult Male Green Turtle at Tortuguero, Costa Rica. BM Shamblin et al.

JFLS | 2019 | Vol 4(1) | Pp 24-28



#### Desegreh Article

Management of a Marine Park: analysis of recreational and illegal fishing pressures on the reef fish assemblage at Los Arcos Reserve in Jalisco, Mexico

Kirsten Stokes<sup>1</sup>, Kelly Scammon<sup>2</sup>, Darian Double<sup>3</sup>, Katie Toon<sup>4</sup>, Shelli Hendricks<sup>5</sup>, Aldo Alfonso Zavala Iimenez<sup>6</sup>. Karla De La Pena<sup>7</sup> and Katherine Comer Santos <sup>8\*</sup>

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- <sup>3</sup>Darian Double Ross School of Business, 701 Tappan Street, Ann Arbor, MI 48109
- <sup>4</sup>Katie Toon Pitzer College, 1050 N. Mills Avenue, Claremont, CA 91711
- Shelli Hendricks Fielding Graduate University School of Leadership Studies, 2020 De la Vina Street, Santa Barbara, California 93105
  \*Aldo Alfonso Zavala Jimenez Centro Universitario de la Costa, Universidad de Guadalajara, Av. Universidad #203, Puerto Vallarta, Jalisco, México
- <sup>7</sup>Karla De La Pena Boca Divers, Calle Pelicanos 518, Boca de Tomatlán, Jalisco, México 48292
- 8\*Katherine Comer Santos The Science Exchange Internship Program, a project of the Ocean Foundation, 1320 19th St NW Floor 5, Washington, DC

# K-12 EDUCATION

















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