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Latin American Fisheries Fellowship

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**EDUCATION**

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**Master of Environmental Science and Management** (expected, June 2016)

Bren School of environmental Science & Management, University of California at Santa Barbara, USA.

**BS in Biology** (September 2007 - December 2012)

*Universidad Autónoma Metropolitana campus Xochimilco*. México City.

**GRANTS AND AWARDS**

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Latin American Fisheries Fellow (LAFF) (August 2014- June 2016)

Exchange program scholarship from the *Universidad Autónoma Metropolitana* to go to the Sao Paulo University, Brazil. (January - December 2010)

**CONGRESS EXPERIENCE**

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**Palacios J.,** Melo V. y Urbano B. 2013. Iron analysis from *Octopus hubbsorum* (Cephalopoda: Octopodidae) for human health. 12th International Symposium on Metal Ions, Punta del Este, Uruguay.

**Palacios J.,** Melo V. y Urbano B. 2013. Star fish source of calcium to prevent this metal's ion deficiency. 12th International Symposium on Metal Ions, Punta del Este, Uruguay.

**Palacios J.,** Melo V. y Urbano B. 2012. Análisis proximal de *Octopus hubbsorum* (Cephalopoda: Octopodidae) en Acapulco Guerrero (México). Congreso de la sociedad Mesoamericana para la Biología y la Conservación, Panama City, Panama.

**Palacios J.,** Melo V., y Urbano B. 2012. Análisis nutricional de callo de hacha *Atrina sp.* (Mollusca: Pinnidae) en México". Congreso de la Sociedad Mesoamericana para la Biología y la Conservación, Panama City, Panama.

**Palacios J.,** Melo V., Jiménez H, Rivero J. 2011. Estrella de mar, un rico complemento alimenticio para comunidades costeras de bajos recursos. XV Congreso de la sociedad Mesoamericana para la Biología y la Conservación, Mérida, Mexico.

**Palacios J.,** Melo V., Jiménez H., Rivero J. 2011. Ración de *Malacosoma azteca* para animales como estrategia de control de plaga en Xochimilco. XV Congreso de la sociedad Mesoamericana para la Biología y la Conservación, Mérida, México.

**Palacios J.,** Luna B., Rivero J., Melo V. 2009. Influencia de factores abióticos en fase larval del *Malacosoma azteca*. 44º congreso Mexicano de Química. Puebla, México.

**Palacios J.,** Luna B., Issac Y., Estrada D., Melo V. 2009 Sea cucumber, underutilized source of macronutrients. 8º Simpósio Latino Americano de Ciência de Alimentos. Campinas, Brasil.

Melo V., **Palacios J.**, Rivero J., Herrera M. C., León F. 2009. The application of betacyanin natural pigment in food processed. 8º Simpósio Latino Americano de Ciência de Alimentos. Campinas, Brasil.

Melo V., **Palacios J.**, Rivero J., Herrera M. C., Schettino B. 2009. Retention of  $\beta$  carotene and ascorbic acid in fresh and processed vegetables. 8º Simpósio Latino Americano de Ciência de Alimentos. Campinas, Brasil.

## RESEARCH / REPORT

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**Callo de hacha: restoration program and sustainable fishery in La Paz, BCS, México.** (2015). Part of the group that carry out the analysis. A report commissioned by LAFF and Noreste Sustentable (NOS)

**Final Report, Sinaloa TURF design (2015).** A report commissioned by Environmental Defense Fund, Mexico.

## CURRENT PROJECTS

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**Paper in progress:** Is there feasibility in recover depleted fish stocks? The case of *Callo de hacha* in La Paz, México. (In collaboration with other peers)

**Bio-economic model for managing a multi species system in Sinaloa, Mexico.** The work consists in designing a model to manage 6 different mollusks species used by 5 fisherman communities. The model will include spatial design, quota allocation, and best strategies. We will also try to account for climate change. A report commissioned by LAFF and EDF-Mexico.

**Biological Assessment for Target Bivalves in Sinaloa, Mexico.** A compilation of biological information of the target species of the Sinaloa project. A report commissioned by Environmental Defense Fund, Fisheries Solution Center

## TEACHING EXPERIENCE

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**Diving Instructor.** (May 2011 – July 2015). Instruct more than 25 divers in different levels of sport diving. Assisted more than 50 courses over the time.

**Undergrad teacher assistant** (January 2009 – December 2012). As a research assistant I instructed classes of 25 students when needed.

## OTHER ACADEMIC WORK

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**Thesis co-direction for a bachelor's degree in biology.** González L.M. 2013. *Macronutrientes de cefalopodos de importancia comercial en México*, Universidad Nacional Autónoma de México.

**Elaboration of a scientific SCUBA research workshop** for the Autonomus Metropolitan University, Xochimilco (September 2011).

**Research Assistant** (January 2009 – July 2014) PhD. Virginia Melo Ruíz, Universidad Autónoma Metropolitana, Xochimilco. \*2010 Exception due exchange program abroad. Contributed to research, gave classes, applied exams and attended to conferences to present our work.

**Contribution to research as a Scientific Diver** (August 2008) Estrada D. *Estudio de la biodiversidad de equinodermos y moluscos, Isla Socorro, Archipiélago de Revillagigedo*. Thesis for a bachelor's degree in biology. Universidad Nacional Autónoma de México. Instituto de Ciencias del Mar y Limnología.

## **NON-ACADEMIC WORKING EXPERIENCE**

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**Intern for Environmental Defense Fund, Mexico** (June – September 2015) I analyzed data and worked on the field to see if it was feasible to design a Territorial User Rights for Fisheries (TURF) to manage a high complex system in a bay of Sinaloa, Mexico.

**Green Business Summit Coordinator** (January 2013 - July 2013). Global Institute of Sustainability (GIS), Instituto Tecnológico de Estudios Superiores de Monterrey (ITESM) and Arizona State University (ASU), Mexico City Campus

**Dive Center Co-Owner & Operational Planner** (march 2010 - July 2015) Servicios Subacuáticos Medusa is my own dive center. I had different responsibilities over time, now I have no connection to it since is located in Mexico City, my business partner looks over it.

**Intern for a No Governmental Organization** (September 2007- December 2007). Espacios Naturales y Desarrollo Sustentable A.C. México City. I mainly did data input and data base management.

## **SKILLS**

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**Languages:** Spanish, Portuguese, and English (fluent in speaking, reading and writing)

TOEFL IBT: 105, November 15, 2013.

**Computer:** Microsoft Office, R-Studio (intermediate), MATLAB (basic).

**Other:** Photography. Worked as a photographer for different projects on the graphic studio, C. Newton, México City, México. (September 2007-December 2008)

### **Non-Professional Advanced Diving Credentials**

Advanced Diver, (CMAS/FMAS)

Scientific Diver, (CMAS/FMAS)

Cave I Diver, (CMAS/FMAS)