

Rodrigo Almeda

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(a) Professional Preparation

University of La Laguna, Canary Islands, Spain. B.Sc. Marine Biology, 2003
University of Barcelona, Spain. M.Sc. Marine Sciences, 2005
University of Barcelona, Spain. Ph.D. Marine Sciences, 2011

(b) Appointments

2014- present. Postdoctoral research scientist. Technical University of Denmark, Denmark.
Principal investigator (PI). Marie Curie Intraeuropean Fellowship, EU. 220000€.
Principal investigator (PI). Grant from the Danish Council for Independent Research. 250000€
2012-2014. Postdoctoral research scientist. University of Texas Marine Science Institute, USA.
2011. Assistant researcher. Food and Agricultural Research and Technology Institute, IRTA, Spain.

(c) Publications

Five Related Publications

Almeda R., Wambaugh Z., Zucheng W., Hyatt C., Liu Z., Buskey E. (2013). Interactions between zooplankton and crude oil: toxic effects and bioaccumulation of polycyclic aromatic hydrocarbons. *Plos ONE* 8 (6): e67212.

Almeda R., Baca S., Hyatt C., Buskey E. (2014) Ingestion and sublethal effects of physically and chemically dispersed crude oil on marine planktonic copepods. *Ecotoxicology* 23: 988–1003.

Almeda R., Connelly T.L., Buskey E. (2014). Novel insight into the role of heterotrophic dinoflagellates in the fate of crude oil in the sea. *Nature: Scientific Reports* 4, 7560

Almeda R., Connelly T.L., Buskey E. (2016). How much crude oil can zooplankton ingest? Estimating the quantity of dispersed crude oil defecated by planktonic copepods. *Environmental Pollution* 208: 645–654

Almeda R., Harvey T. E., Connelly T.L., Baca S., Buskey E (2016). Influence of UVB radiation on the lethal and sublethal toxicity of dispersed crude oil to planktonic copepod nauplii. *Chemosphere* 152: 446–458

Five Other Significant Publications

Almeda R., Wambaugh Z., Chao C. Zucheng W., Liu Z., Buskey E. (2013) Effects of crude oil exposure on the bioaccumulation of polycyclic aromatic hydrocarbons and survival of adult and larval stages of gelatinous zooplankton. *PLoS ONE* 8(10): e74476.

Almeda R., Hyatt C., Buskey E. (2014). Toxicity of dispersant Corexit 9500A and crude oil to marine microzooplankton. *Ecotoxicology and Environmental Safety* 106: 76-85.

Almeda R., Bona S., Foster C., Buskey E.J. (2014). Dispersant Corexit 9500A and chemically dispersed crude oil decreases the growth rates of meroplanktonic barnacle nauplii (*Amphibalanus improvisus*) and tornaria larvae (*Schizocardium* sp.). *Marine Environmental Research* 99: 212-217.

Almeda R., Messmer A, Sampedro, N., Gosselin L. A. (2011). Abundance and feeding rates of marine invertebrate planktonic larvae under harmful algal bloom conditions off Vancouver Island. *Harmful Algae* 10: 194-206.

Almeda R., Alcaraz M., Calbet A., Saiz E. Metabolic rates and energy budget of the early developmental stages of the marine cyclopoid copepod *Oithona davisae* (2011). *Limnology and Oceanography* 56: 403-414.

(d) Synergistic Activities

Reviewer for large number of international scientific journals (SCI) including: Environmental Science and Technology, Marine Environmental Research, Ecotoxicology and Environmental Safety, Chemosphere, Limnology & Oceanography, Marine Ecology Progress Series and guest editor of the journal The Scientific World Journal (2014)

Transfer of knowledge in conferences and seminars (>55) and meeting organization (3rd annual meeting of Ocean Life Center, 2014)

Reviewer for research agencies, academic publishing companies, and universities: Chilean National Science and Technology Research Fund (2011), Technical University of Catalonia (2013), Springer publishing company (2014).

Mentoring and training of students: US National Science Foundation Research Experiences for Undergraduates (REU) program, supervisor of PhD student (Hans van Someren Gréve), mentor of undergraduates, MSc and visiting students at the DTU lab. Design of research projects for students.

Outreach activities: collaborator of Science in the City Festival, Copenhagen (2014), “Summer Science Field Program”, Port Aransas, USA (2013)

(e) Collaborators & Other Affiliations

(i) Collaborators: Edward Buskey (University of Texas Marine Science Institute), Tara L. Connelly (Memorial University of Newfoundland), Thomas Kiørboe (Technical University of Denmark)

(ii) Graduate and Postdoctoral Advisors: Miquel Alcaraz, Albert Calbet, Enric Saiz, Francesc Peters (Institute of Marine Sciences in Barcelona)

(iii) Thesis Advisor and Postgraduate-Scholar Sponsor: Sarah Baca (University of Texas at El Paso), Zoe Wambaugh (Humboldt State University), Emily Bloom (University of California), Shawn Bona (University of Wisconsin Milwaukee), Tracy Harvey (Marine Sciences Institute) Hans van Someren Gréve (Technical University of Denmark), Curtis Horne (Queen Mary University of London), Mark Wejlemann Holm (University of Roskilde).

Total number of graduate students advised: 8