

# Felisa Rey Eiras

# CURRICULUM VITAE

PERSONAL **INFORMATION**  Full name: Felisa Rey Eiras **Date of birth: 17/09/1979** 

Nationality: Spanish and Portuguese Address: Rua Dr. Carlos Vale, 97, 5° Dto.

City: V.N. Gaia (4400-127)

Mobile phone: 00 351 934 615 092

**Driving licence:** Yes Marital status: Married

e-mail: felisa.rey@gmail.com

Jul 2010 - Jan 2016

PhD in Marine Sciences and the Environment, **Doctoral Programme PROMAR** – Dept. of Biology & CESAM – University of Aveiro & University of Porto

Supervisor: Dr. Ricardo Calado

Co-supervisor: Prof. Henrique Queiroga

Oct 2003 – Jun 2006

M.Sc. in Marine Sciences / Marine Resources Instituto de Ciências Biomédicas Abel Salazar -University of Porto

Thesis: Aquaculture Research Institute - University of

Santiago de Compostela

Supervisor: Dr. Jaime Martínez-Urtaza

Sep 2005 - Jul 2006

Certificate (C.A.P.) of Pedagogic Skills

Complutense University of Madrid

Set 1997 - Jul 2002

**Degree in Marine Sciences** – University of Vigo

**EDUCATION** 

### PROFESSIONAL EXPERIENCE

#### **Set 2017**

Workplace Mass Spectrometry Centre, University of Aveiro (Portugal)

**Function** Post-doctoral grant funded by FCT

(SFRH/BPD/115347/2016)

Solar-powered animals – Decoding the functions of chloroplasts in the metabolism of sacoglossan sea slugs. Objective: understand the role of lipids on the mechanisms that allow sacoglossan sea slugs to successfully sequester and retain plastids as functional organelles and clarify the

trophic role played by kleptoplasts.

May 2017 – Aug 2017

Workplace Mass Spectrometry Centre, University of Aveiro (Portugal)

Function Post-doctoral grant in the project: GENIALG - GENetic

diversity exploitation for Innovative macro-ALGal biorefinery Funded by European Union's Horizon 2020

(BPD/UI51/7192/2017)

Monitoring and sampling seaweed (Ulva spp. and

Saccharina latissima) biomass in situ.

Lipidomic based analysis using mass spectrometry and mass spectrometry coupled to chromatography techniques, such as

gas GC-MS and LC-MS.

Project reporting, data analysis and writing of scientific

manuscripts.

May 2016 – Jul 2016

Workplace Dept. of Biology & CESAM and Mass Spectrometry Centre,

University of Aveiro (Portugal)

Function Research grant in the project Molecular and photochemical

insights on the retention of functional chloroplasts by

metazoan cells

(BI/CESAM/00042/IF/00899/2014/CP1222/CT0010)

Lipidomic studies of the sacoglossan sea slug, *Elysia viridis*, *Codium tomentosum* and *E. viridis* embryos in order to clarify the role of lipids in the process of kleptoplasty, using mass spectrometry based approaches (GC-MS, LC-MS/MS,

ESI-MS/MS).

#### **Sep 2015 – Dec 2015**

Workplace

Dept. of Biology & CESAM and Mass Spectrometry Centre,

University of Aveiro (Portugal)

**Function** 

Research grant funded by CESAM (BI/013/CESAM/AMB/50017)

Lipidomic studies in embryos of the brachyuran crab *Carcinus maenas* in order to analyse maternal investment and embryonic development with emphasis in neutral lipids, using mass spectrometry based approaches (GC-MS, ESI-MS/MS).

Jul 2010 - Jan 2016

Workplace

Dept. of Biology & CESAM and Mass Spectrometry Centre, University of Aveiro (Portugal)

**Function** 

PhD Student of **Doctoral Programme PROMAR** 

PhD scholarship funded by Fundação para a Ciência e a Tecnologia (SFRH/BD/62594/2009)

Thesis: Maternal effects and settlement performance of the green crab Carcinus maenas

Associated with the project **NO RESET** (PTDC/BIA-BIC/116871/2010) Metamorphosis does not reset embryonic and larval history. Clarifying the role of offspring provisioning and larval feeding on early post-settlement performance of coastal marine invertebrates.

#### Main functions:

- Daily sampling collection of plankton; collecting, processing and preservation of biological specimens.
- Life support systems and stocking of marine organisms.
- Biochemical analyses and mass spectrometry analyses: GC-MS; TLC; LC-MS/MS; ESI-MS/MS.
- Statistical analyses; time series analyses.

Jul 2009 - Jun 2010

Workplace

City council of O Grove (Pontevedra, Spain)
Environmental education course: Obradoiro de Emprego "Monte das Flores IV"

#### **Function**

- Head of theoretical and practical training of the Environmental Education Module
- Responsible of a team of 13 students.
- Coordinator of the Edition of O Grove Natural Resource Guide.
- Organization of events for diverse audiences: ethnographic exhibitions, workshops in blue flag beaches, environmental education workshops, waste management workshops.

Oct 2008 - Jun 2009

Workplace City council of O Grove (Pontevedra, Spain) Environmental

Department

**Function** Responsible for the project of conditioning and standardization

of two hiking trails inside of Natura 2000 Environment (PIEG

2008 TR351A 2008/489-5)

Responsible for a team of 3 persons

May – Aug 2008

Workplace Hidria Ciencia, Ambiente y Desarrollo S.L. (Vigo, Spain) & e-

Cultura (Madrid, Spain)

Function Collaboration in the design and development of museological

contents of Centro de Interpretação da Natureza do Parque

Natural de Montesinho (Vinhais, Portugal).

Oct 2007 - Mar 2008

Workplace CIIMAR (Centro Interdisciplinar de Investigação Marinha e

Ambiental, Porto, Portugal)

Function Research grant in the project LIMITS: Population dynamics,

geographical distribution and genetic diversity of macroalgal species at their southern distribution limits (POCI/MAR/56149/2004). Funded by Fundação para a Ciência

e a Tecnologia.

Analysis of the relationship between biodiversity and ecosystem

functioning in intertidal alga communities.

Oct 2006 - Sep 2007

Workplace Hidria Ciencia, Ambiente y Desarrollo S.L. (Vigo, Spain)

**Function** Head of Education Department

#### Main functions:

- Manager of the project **Ambientum, Ciencia, Juventud y Medioambiente**, funded by Diputación de Pontevedra (Spain).
- Development and coordination of environmental education projects.
- Development of educational contents.
- Responsible for a team of 20 persons.

Jan 2005 - Jan 2006

Workplace

Pathogen Control Department – Aquaculture Research Institute – University of Santiago de Compostela (Spain)

**Function** 

Master student

Thesis: Study of validation of new approaches for detection and quantification of *Listeria monocytogenes* in marine food

#### Main functions:

- Use of molecular biology techniques: PCR; PCR real time.
- Bacteria growing under laboratorial conditions.

**Apr 2003 – Oct 2006** 

Workplace

Dept. of Environmental Education Aquariumgalicia (Aquarium of O Grove, Spain)

#### **Function**

- Head of the project "Con la mochila al hombro": marine sciences directed towards high school students, introduction of scientific method in their scholar CV, development of a short research project related with marine environment, in collaboration with Fundación "la Caixa".
- Design and implementation of Aquarium's didactic units.
- Aquarium instructor.
- Development of educational supports.
- Design, planning and elaboration of museological contents of Aquarium's facilities and external exhibitions.
- Analysis of Aquarium's audience and quality control of Aquarium's facilities.
- Collaboration in the environmental education projects: Riquezas do Mar, Entre Mareas e Espacios Naturais funded by Xunta de Galicia.
- Collaboration in the project Physical, communication and social inclusion of disable people in natural leisure facilities, funded by Conselleria de Inovación, Industria e Comercio (Plano Galego de I+D+i) Xunta de Galicia.

- Collaboration in the project Ecotourism research and development in marine environment facilities, funded by Conselleria de Inovación, Industria e Comercio (Plano Galego de I+D+i), Xunta de Galicia.
- Collaboration in the project Environmental research and development of Aquariumgalicia facilities, funded by Ministerio de Ciencia y Tenologia (Programa Torres de Quevedo).

#### COLLABORATION IN SCIENTIFIC PROJECTS

- Lipidomic tools for chemical phenotyping, traceability and valorisation of seaweeds from aquaculture as a sustainable source of high added-value compounds Coordinator: Rosário Domingues (Dept. Biology & CESAM, University of Aveiro)
- TraSeafood Tracing the Geographic Origin of Seafood as a Pathway Towards the Smart Valorization of Endogenous Marine Resources Coordinator Coordinator: Ricardo Calado (Dept. Biology & CESAM, University of Aveiro)
- HULK Functional chloroplast inside animal cells: cracking the puzzle: To understand role of kleptoplast in host metabolism and to determine what are the mechanisms responsible for kleptoplast survival inside the animal cell. PTDC/BIA-ANM/4622/2014 Funded by Fundação para a Ciência e a Tecnologia. Coordinator: Sónia Cruz (Dept. Biology & CESAM, University of Aveiro)
- **GENIALG GENetic diversity exploitation for Innovative macro-ALGal biorefinery.** Funded by European Union's Horizon 2020 research and innovation program (No 727892). The GENIALG project aims to boost the Blue Biotechnology Economy by increasing the production and sustainable exploitation of two high-yielding species of the EU seaweed biomass: the brown alga *Saccharina latissima* and the green algae *Ulva* spp.
- Molecular and photochemical insights on the retention of functional chloroplasts by metazoan cells (IF/00899/2014/CP1222/CT0010). Funded by Fundação para a Ciência e a Tecnologia. Coordinator: Sónia Cruz (Dept. Biology & CESAM, University of Aveiro)
- NO RESET: Metamorphosis does not reset embryonic and larval history clarifying the
  role of offspring provisioning and larval feeding on early post-settlement performance of
  coastal marine invertebrates. NO RESET PTDC/BIA-BIC/116871/2010. Funded by
  Fundação para a Ciência e a Tecnologia e COMPETE, Programa Operacional Factores de
  Competitividade. Coordinator: Ricardo Calado (Dept. Biology & CESAM, University of
  Aveiro)
- LIMITS: Population dynamics, geographical distribution and genetic diversity of macroalgal species at their southern distribution limits (POCI/MAR/56149/2004). Funded by Fundação para a Ciência e a Tecnologia. Coordinator: Prof. Isabel Sousa Pinto (CIIMAR & University of Porto)

### **PUBLICATIONS**

#### International Scientific Journals with Referees

- Rey F, Alves E, Domingues P, Domingues MRM and Calado R. Neutral lipid dynamics during embryonic development of *Carcinus maenas* and *Necora puber* with emphasis on triacylglycerol and fatty acid profiles. Bulletin of Marine Science in press
- 2) Alves E, Rey F, da Costa E, Moreira ASP, Pato L, Pato L, Domingues MRM and Domingues P (2018) Olive (*Olea europaea* L. cv. *Galega vulgar*) seed oil: a first insight into the major lipid composition of a promising agro-industrial by-product at two ripeness stages. *European Journal of Lipid Science and Technology* | DOI: 10.1002/ejlt.201700381
- 3) Rey F, da Costa E, Campos AM, Cartaxana P, Maciel E, Domingues P, Domingues MRM, Calado R and Cruz S (2017) Kleptoplasty does not promote major shifts in the lipidome of macroalgal chloroplasts sequestered by the sacoglossan sea slug *Elysia viridis*. *Scientific Reports* 7: 11502 | DOI:10.1038/s41598-017-12008-z
- **4) Rey F**, Domingues MRM, Domingues P, Rosa R, Orgaz MDM, Queiroga H and Calado R (2017):Effect of maternal size, reproductive season and interannual variability in offspring provisioning of *Carcinus maenas* in a coastal lagoon. *Estuaries & Coasts* 40:1732-1743 DOI:10.1007/s12237-017-0235-0
- 5) Alves E, Melo T, Rey F, Moreira ASP, Domingues P and Domingues MRM (2016) Polar lipid profiling of olive oils as a useful tool in helping to decipher their unique fingerprint. *LWT - Food Science and Technology* 74:371-377; DOI:10.1016/j.lwt.2016.07.071
- **6) Rey F**, Moreira ASP, Ricardo F, Coimbra MA, Domingues MRM, Domingues P, Rosa R, Queiroga H and Calado R (2016) Fatty acids of densely packed embryos of *Carcinus maenas* reveal homogenous maternal provisioning and no within-brood variation at hatching. *The Biological Bulletin* 230: 120-129
- **7) Rey F**, Neto GMS, Brandão C, Ramos D, Silva B, Rosa R, Queiroga H and Calado R (2016) Contrasting oceanographic conditions during larval development influence the benthic performance of a marine invertebrate with a bi-phasic life cycle. *Marine Ecology Progress Series* 546:135-146; DOI:10.3354/meps11629
- 8) Rey F, Alves E, Melo T, Domingues P, Queiroga H, Rosa R, Domingues MRM and Calado R (2015) Unravelling polar lipids dynamics during embryonic development of two sympatric brachyuran crabs (*Carcinus maenas* and *Necora puber*) using lipidomics. *Scientific Reports* 5:14549; DOI:10.1038/srep14549
- 9) Ricardo F, Pimentel T, Moreira A, Rey F, Coimbra M, Domingues MRM, Domingues P, Leal M and Calado R (2015) Potential use of fatty acid profiles of the adductor muscle of cockles (*Cerastoderma edule*) for traceability of collection site. *Scientific Reports* 5: 11125; DOI:10.1038/srep11125
- **10) Rey F**, Neto GMS, Rosa R, Queiroga H and Calado R (2015) Laboratory trials reveal that exposure to extreme raining events prior to metamorphosis affect the post-settlement performance of an estuarine crab. *Estuarine, Coastal and Shelf Science* 154: 179-183; DOI:10.1016/j.ecss.2015.01.005

**11)** Arenas F, **Rey F** and Pinto, IS (2009) Diversity effects beyond species richness: evidence from intertidal macroalgal assemblages. *Marine Ecology Progress Series* 381: 99-108; DOI: 10.3354/meps07950

# **PUBLICATIONS**

#### National Scientific Journals with Referees

- 1) Rey F and Calado R (2016) A influência dos efeitos maternais em invertebrados bentónicos marinhos com ciclos de vida bifásicos, com ênfase nos crustáceos decápodes CAPTAR 6: 1-10 ISSN 1647-323X
- 2) Rey F, Neto GMS, Rosa R, Queiroga H and Calado R (2016) A vida entre dois mundos a metamorfose não apaga a história larvar de invertebrados marinhos com ciclos de vida bifásicos CAPTAR 6: 11-21 ISSN 1647-323X

# **PUBLICATIONS**

# Papers in Conference Proceedings

- Alves, E, Melo, T, Rey, F, Moreira, ASP, Domingues, P. and Domingues, MRM (2016) Fingerprinting the polar lipidome of Portuguese olive oils to highlight minor compounds as potential molecular markers of traceability. I Congreso Ibérico de Olivicultura / V Jornadas Nacionales del Grupo de Olivicultura de la Sociedad Española de Ciencias Horticolas (SECH) / VII Simpósio Nacional de Olivicultura da Associação Portuguesa de Horticultura (APH), Badajoz/Elvas. ISBN: 978-84-889-5699-1
- 2) Rey F., Neto G., Brandão C., Ramos D., Silva B., Rosa R., Queiroga H. and Calado R. (2015) Benthic juveniles of an estuarine invertebrate display contrasting performances over four consecutive supply events of pelagic larvae. 4º Encontro Ibérico de Ecologia. Coimbra, Portugal. DOI: 10.7818/4lberianEcologicalCongress.2015
- 3) Rey Eiras F, Miranda Monteagudo T and Martínez Domínguez E (2006) Con la mochila al hombre. Ciencia y juventud en el medio marino. Libro de actas del III Congreso sobre comunicación social y ciencia: Sin ciencia no hay cultura. A Coruña, Spain. ISBN: mkt0002687674
- **4)** Rey Eiras F, et al. Ambientum, Ciencia, Juventud y Medioambiente. (2007) Libro de actas del I Congreso Internacional de Educación Ambiental de los Países Lusófonos y Galicia. Santiago de Compostela, Spain

# PUBLICATIONS Books

1) Natural Resource Guide: Asómate a O Grove con otros ojos (2010) Ed. Concello do Grove. Obradoiro de Emprego "Monte das Flores IV". PO 369-2010

### COMMUNICATIONS AT SCIENTIFIC MEETINGS

- Oral communication: Rey F, da Costa E, Campos AM, Cartaxana P, Maciel E, Domingues P, Domingues MRM, Calado R and Cruz S (2018) Chloroplasts sequestered by the sacoglossan sea slug *Elysia viridis* preserve original lipidome of plastid membranes. 31<sup>st</sup> Congress New European Society for Compartive Physiology and Biochemistry, Porto, Portugal 9-12<sup>th</sup> Setember
- Poster: Rey F, da Costa E, Campos AM, Cartaxana P, Maciel E, Domingues P, Domingues MRM, Calado R, Cruz S (2018) Gas phase fragmentation confirms plastidial glycolipids in photosynthetic animals. 9<sup>th</sup> Meeting of the Analytical Chemistry Division, Porto, Portugal 26-27<sup>th</sup> March
- Oral communication: Alves E, Melo T, Rey F, Moreira ASP, Domingues P, Domingues MRM (2017) Lipidomics of olive oil: In the pursuit of finding new bioactive lipid components. 6<sup>th</sup> Workshop in Lipidomics, Aveiro, Portugal 5<sup>th</sup> April
- Oral communication: Rey F, Domingues MRM, Domingues P, Rosa R, Orgaz MDM, Queiroga H and Calado R. (2016) Biochemical profile of *Carcinus maenas* embryos is unaffected by maternal body size but varies significantly during consecutive reproductive periods. 5<sup>th</sup> Workshop in Lipidomics. Aveiro, Portugal 1<sup>st</sup> June
- Poster: Alves E, Melo T, Rey F, Moreira ASP, Domingues P and Domingues MRM (2016)
   Fingerprinting the polar lipidome of Portuguese olive oils to highlight minor compounds as
   potential molecular markers of traceability. I Congreso Ibérico de Olivicultura. Badajoz,
   Spain 13 – 15<sup>th</sup> April
- Oral communication: Rey F, Neto G, Brandão C, Ramos D, Silva B, Rosa R, Queiroga H and Calado R (2015) Benthic juveniles of an estuarine invertebrate display contrasting performances over four consecutive supply events of pelagic larvae. 4° Encontro Ibérico de Ecologia. Coimbra, Portugal 16 19<sup>th</sup> June
- Oral communication: Rey F, Alves E, Melo T, Domingues P, Queiroga H, Rosa R, Domingues MRM and Calado R (2015) Unravelling polar lipids dynamics during embryonic development of two sympatric brachyuran crabs (*Carcinus maenas* and *Necora puber*) using lipidomics. 4<sup>th</sup> Workshop in Lipidomics. Aveiro, Portugal 6<sup>th</sup> May
- Oral communication: Rey F, Moreira ASP, Ricardo F, Coimbra MA, Domingues MRM, Domingues P, Rosa R, Queiroga H and Calado R (2015) Fatty acids of highly-packed embryos of *Carcinus maenas* reveal homogenous maternal provisioning and no within-brood variation at hatching. 4<sup>th</sup> Encontro Nacional de Pós-graduação em Ciências Biológicas. Aveiro, Portugal 30<sup>th</sup> March 2<sup>st</sup> April
- Poster: Calado R, Leal MC, Rey F, Neto G, Queiroga H, Cleary DFR, Rotllant G, Guerao G, Gomes NCM, Silva JM, Giménez L, Anger K, Pechenik JA, Nejstgaard JC and Frischer ME (2013) Project NO RESET Shedding light over the trophic regimes of brachyuran crab larvae supplied to coastal habitats before and during upwelling events.
   2<sup>nd</sup> International Symposium on the Molecular Detection of Trophic Interactions. Lexington, KY, USA 13 17<sup>th</sup> May

- Oral communication: Queiroga H, Rey F, Domingues C, Nolasco R and Dubert J (2011).
  Potential effects of climate change on marine invertebrate larvae: acidification, temperature and dispersal pathways. European Science Foundation. The effects of climate change on vulnerable life traits of aquatic ectotherms: towards an integrated approach. Alfred Wegener Institute, Bremerhaven, Germany 18 21<sup>st</sup> September
- Oral communication: Rey F, Yudego C and Martínez E (2007) I Congreso Internacional de Educación Ambiental dos Países Lusófonos e Galicia Santiago de Compostela, Spain 24 – 27<sup>th</sup> September
- Oral communication: **Rey F**, Yudego C and Martínez E (2007) I Seminario de Educadores Ambientais de Galicia CEIDA, Castillo de Santa Cruz, Oleiros, Spain
- Oral communication: Rey F (2006) Workshop de Introdución á Interpretación Ambiental: un enfoque da comunicación en equipamentos ambientais Aquariumgalicia S.L. & University of Vigo, O Grove, Spain, July
- Oral communication: Rey F, Miranda T and Martínez E (2005) III Congreso de Comunicación Social de la Ciencia "Sin Ciencia no hay Cultura" Museos Científicos Coruñeses, A Coruña, Spain 9 – 11<sup>st</sup> November
- Oral communication: Martínez E, Rey F and Miranda T (2003) III Jornadas de Turismo e Meio-Ambiente Concello de Sanxenxo, Spain 31 May – 1<sup>st</sup> June

#### SUPERVISING EXPERIENCE

 Davide Bosi – Erasmus Student from University of Pavia – BSC Project: Lipidomic characterization of the photosynthetic sea slug *Elysia viridis*, its macroalga food *Codium* tomentosum and the plastids isolated from both organisms (2018) Biotechnology Degree.

# PARTICIPATION IN EXAMINATION PANELS

- Davide Bosi Erasmus Student from University of Pavia BSC Project: Lipidomic characterization of the photosynthetic sea slug *Elysia viridis*, its macroalga food *Codium* tomentosum and the plastids isolated from both organisms (2018) Biotechnology Degree
- Afonso Martins (2018) Biochemestry Degree
- Rita Reis (2018) Biochemestry Degree

#### COLLABORATIONS

- Reviewer in international journals:
  - o Journal of Shellfish Research
  - Marine Ecology
  - Pápeis Avulsos de Zoologia

- Member of the organizing and scientific committees in 6<sup>th</sup> Workshop in Immunology, organized by Mass Spectrometry Centre, University of Aveiro, 14 March 2018 (Registered people: 244)
- Member of the organizing and scientific committees in 7<sup>th</sup> Workshop in Lipidomics, organized by Mass Spectrometry Centre, University of Aveiro, 28 February 2018 (Registered people: 120)
- Monitor and member of the organizing and scientific committees in the 2<sup>th</sup> edition of Practical Courses on Mass Spectrometry: Advanced Course on Lipidomics, Mass Spectrometry Centre, University of Aveiro, 26-28 February 2018 (20 hours)
- Member of the organizing committee in the **GENIALG one-year meeting**. Project GENIALG, Aveiro, 6-8 February 2018
- Organization commission and divulgation of the Project GeniAlg in **Techdays**, Aveiro, 12-14 October 2017
- Member of the organizing and scientific committees in 4<sup>th</sup> Workshop in Lipidomics, organized by Mass Spectrometry Centre, University of Aveiro, 6 May 2015
- Scientific and organization commission of **Semifinais das Olimpíadas de Química Júnior**, University of Aveiro, April 2015

# COMPLEMENTARY EDUCATION

- Introduction to R, University of Aveiro, 23<sup>rd</sup> to 24<sup>th</sup> May 2018
- Cost Action-Training School Plant physiology meets phytopathology: exploring *Pinus-Fusarium circinatum* Cost Action FP1406, University of Aveiro, 3<sup>rd</sup> to 6<sup>th</sup> April 2018
- Law of the Sea, Protection of the Marine Environment and European Legislation (Sophia Project, University of Lisboa, 2015)
- Multivariate Statistics for Ecology and Evolution in R (CIBIO, University of Porto, 2015)
- Workshop of Communication and Scientific Writing (University of Aveiro, 2015)
- Experimental Design and Analysis of Multivariate Data using Primer and Permanova (University of Aveiro, 2011)
- Course of Guides in Parque Natural Marítimo-Terrestre das Ilhas Atlánticas de Galicia (CENEAM, Ministerio de Medio Ambiente, Medio Rural y Marino, 2010)
- Course of Photography (Diputación de Pontevedra, 2009)
- Course of Sustainable Development in Natural Areas (University of Vigo, e-learning, 2007)

- Workshop Guides and instructors of tourism about Parque Nacional Marítimo-Terrestre das Ilhas Atlánticas da Galicia (CEIDA: Centro de Extensão Universitária e Divulgação Ambiental de Galicia, 2006)
- Course Techniques for the Interpretation and Presentation of Natural and Cultural Heritage (CEIDA, 2005)
- Course of Environmental Interpretation: a valuable tool for education and conservation (University of Vigo, 2003)
- Course of Marine Navigation, Level I (Instituto Politécnico Marítimo Pesquero del Atlántico, 1999)
- Course of Diving (Scuba Schools International, 1998)

#### COMPUTER KNOWLEDGE

R, Primer, Permanova, Windows, Word, Excel, PowerPoint, Corel Draw, Adobe Illustrator, Inkscape, MassLynx, Xcalibur

### PERSONAL SKILLS

- ✓ Good communication skills gained through my experience as Aquarium instructor
- ✓ High organizational capacity
- ✓ Leadership: I was responsible by work teams of 3 20 persons
- ✓ Capacity to work in multicultural and multidisciplinary environments, both independently and integrated in a work team
- ✓ Great adaptability to new challenges and work environments

# **LANGUAGES**

- ✓ Spanish: mother tongue
- ✓ Portuguese: high level spoken and written
- ✓ English: high level spoken and written