



## **Francisco Borja Figueirido Castillo**

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**Francisco Borja Figueirido Castillo**

Surname(s): **Figueirido Castillo**  
 Name: **Francisco Borja**  
 DNI: **44796479T**  
 ResearcherID: **G-9665-2015**  
 ORCID: **0000-0003-2542-3977**  
 Date of birth: **09/03/1978**  
 Gender: **Male**  
 Nationality: **Spain**  
 Country of birth: **Spain**  
 Aut. region/reg. of birth: **Valencian Community**  
 Contact province: **Málaga**  
 City of birth: **Valencia**  
 Contact address: **Dpto. Ecología y Geología, Facultad de Ciencias, Universidad de Málaga**  
 Rest of contact address: **Campus Universitario de Teatinos s/n**  
 Postcode: **29071**  
 Contact country: **Spain**  
 Contact aut. region/reg.: **Andalusia**  
 Contact city: **Málaga**  
 Land line phone: **(+34) 95213 - 1856**  
 Email: **Borja.figueirido@uma.es**  
 Mobile phone:  
 Personal web page: **www.borjafigueirido.com**

**Current professional situation**

**Employing entity:** Universidad de Málaga      **Type of entity:** University  
**Department:** Ecología y Geología, Facultad de Ciencias  
**Professional category:** Associate Professor      **Educational Management (Yes/No):** No  
 (Profesor contratado Doctor; PCD)  
**Email:** Borja.figueirido@uma.es/Borja.figueirido@gmail.com  
**Start date:** 06/02/2012  
**Type of contract:** Permanent employment contract      **Dedication regime:** Full time  
**Primary (UNESCO code):** 241605 - Vertebrate palaeontology  
**Secondary (UNESCO code):** 240123 - Vertebrates  
**Tertiary (UNESCO code):** 240118 - Mammology  
**Performed tasks:** Research and teaching  
**Identify key words:** Multivariate analysis; Climate change; Palaeozoology; Animal morphology; Animal anatomy; Biodiversity

**Previous positions and activities**

	Employing entity	Professional category	Start date
1	FCYT/Brown University	Postdoctoral researcher (Fulbright postdoctoral grant)	29/09/2010
2	Universidad de Málaga	Contract as technician	01/04/2010
3	Ministerio de educación y ciencia/Universidad de Málaga	Predoctoral researcher (Formación personal universitario; FPU)	01/05/2005
4	Museo de Ciencias Naturales de Valencia	Monitor of Palaeontology	01/05/2004
5	Museo de Ciencias Naturales de Valencia	Trainer contract	01/10/2003

- 1 Employing entity:** FCYT/Brown University  
**Department:** Ecology and Evolutionary Biology, Brown University  
**City employing entity:** Providence; Rhode Island, United States of America  
**Professional category:** Postdoctoral researcher **Educational Management (Yes/No):** No (Fulbright postdoctoral grant)  
**Start-End date:** 29/09/2010 - 01/02/2012 **Duration:** 16 months  
**Type of contract:** Grant-assisted student (pre or post-doctoral, others)  
**Dedication regime:** Full time  
**Primary (UNESCO code):** 241605 - Vertebrate palaeontology  
**Identify key words:** Palaeozoology
- 2 Employing entity:** Universidad de Málaga **Type of entity:** University  
**Department:** Ecología y Geología, Facultad de Ciencias  
**City employing entity:** Málaga, Andalusia, Spain  
**Professional category:** Contract as technician  
**Start-End date:** 01/04/2010 - 30/09/2010 **Duration:** 6 months  
**Type of contract:** Grant-assisted student (pre or post-doctoral, others)  
**Dedication regime:** Full time  
**Primary (UNESCO code):** 241605 - Vertebrate palaeontology  
**Identify key words:** Palaeozoology
- 3 Employing entity:** Ministerio de educación y ciencia/Universidad de Málaga  
**Department:** Ecología y Geología, Facultad de Ciencias  
**City employing entity:** Málaga, Andalusia, Spain  
**Professional category:** Predoctoral researcher (Formación personal universitario; FPU)  
**Start-End date:** 01/05/2005 - 30/04/2009 **Duration:** 4 years  
**Type of contract:** Grant-assisted student (pre or post-doctoral, others)  
**Dedication regime:** Full time  
**Primary (UNESCO code):** 241605 - Vertebrate palaeontology  
**Identify key words:** Palaeozoology
- 4 Employing entity:** Museo de Ciencias Naturales **Type of entity:** Public Research Body de Valencia  
**City employing entity:** Valencia, Valencian Community, Spain  
**Professional category:** Monitor of Palaeontology  
**Start-End date:** 01/05/2004 - 31/10/2004 **Duration:** 6 months  
**Type of contract:** Temporary employment contract  
**Dedication regime:** Part time  
**Primary (UNESCO code):** 241605 - Vertebrate palaeontology  
**Identify key words:** Geology; Palaeozoology; Extinction; Ecosystem management



- 5** **Employing entity:** Museo de Ciencias Naturales de Valencia  
**City employing entity:** Valencia, Valencian Community, Spain  
**Professional category:** Trainer contract  
**Start-End date:** 01/10/2003 - 31/01/2004      **Duration:** 4 months  
**Type of contract:** Temporary employment contract  
**Dedication regime:** Part time  
**Primary (UNESCO code):** 241601 - Animal palaeontology; 241602 - Invertebrate palaeontology; 241603 - Palinology; 241604 - Plant palaeontology; 241605 - Vertebrate palaeontology  
**Identify key words:** Palaeozoology; Causes and mechanisms of loss; Extinction; Ecosystem management



## Education

### University education

#### 1st and 2nd cycle studies and pre-Bologna degrees

- 1 University degree:** Higher degree  
**Name of qualification:** Diploma de Estudios Avanzados (Master's Degree)  
**City degree awarding entity:** Valencia, Valencian Community, Spain  
**Degree awarding entity:** Universitat de València **Type of entity:** University  
**Date of qualification:** 2006
- 2 University degree:** Higher degree  
**Name of qualification:** Licenciado en Ciencias Biológicas (Bachelor's degree)  
**City degree awarding entity:** Valencia, Valencian Community, Spain  
**Degree awarding entity:** Universitat de València **Type of entity:** University  
**Date of qualification:** 2004

#### Doctorates

**Doctorate programme:** Biodiversidad y biología evolutiva  
**Degree awarding entity:** Universitat de València **Type of entity:** University  
**City degree awarding entity:** Valencia, Valencian Community, Spain  
**Date of degree:** 2005  
**DEA awarding entity:** Universitat de València  
**European doctorate:** No  
**Thesis title:** Evolución ecomorfológica de los grandes carnívoros caniformes e inferencias sobre la paleobiología de los anficiónidos  
**Thesis director:** Paul Palmqvist  
**Thesis co-director:** Miquel De Renzi  
**Obtained qualification:** Sobresaliente Cum Laude  
**Recognition of quality:** Yes  
**Special doctorate award:** Yes **Date of award:** 2010  
**Standardised degree:** No

#### Other postgraduate university studies

**Postgraduate qualification:** Curso de Postgrado sobre Métodos avanzados de estadística aplicada (Degree on Advanced Methods in Applied Statistics)  
**Degree awarding entity:** Universidad Nacional de Educación a Distancia **Type of entity:** University  
**Date of qualification:** 2006

## Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
Catalan	B1	B1	B1	B1	B1
English	B1	B1	B1	B1	B1
Spanish	C2	C2	C2	C2	A1

## Teaching experience

### General teaching experience

- 1** **Type of teaching:** Official teaching  
**Name of the course:** Filogenia: el árbol de la vida  
**Type of programme:** Master's degree **Type of teaching:** In person theory  
**Type of subject:** Core  
**University degree:** Máster Universitario en Biología Evolutiva  
**Course given:** Advanced  
**Start date:** 01/09/2014  
**End date:** 31/07/2015 **Type of hours/ ECTS credits:** Hours  
**Hours/ECTS credits:** 11  
**Entity:** Universidad de Málaga **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Ciencias  
**Department:** Biología animal
- 2** **Type of teaching:** Official teaching  
**Name of the course:** Paleontología y Evolución  
**Type of programme:** Bachelor's degree **Type of teaching:** Practical work (classroom-problems)  
**Type of subject:** Obligatory  
**Assessment type:** Survey  
**University degree:** Graduado o Graduada en Biología  
**Course given:** 2nd  
**Start date:** 01/09/2014  
**End date:** 31/07/2015 **Type of hours/ ECTS credits:** Hours  
**Hours/ECTS credits:** 136  
**Entity:** Universidad de Málaga **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Ciencias  
**Department:** Ecología y Geología  
**Assessment type:** Survey  
**Subject language:** Spanish
- 3** **Type of teaching:** Official teaching  
**Name of the course:** Trabajo de Fin de Grado (Supervisor of training projects)  
**Type of programme:** Bachelor's degree  
**University degree:** Graduado o Graduada en Biología  
**Course given:** 4th  
**Start date:** 01/09/2014



**End date:** 31/07/2015  
**Hours/ECTS credits:** 20  
**Entity:** Universidad de Málaga  
**Faculty, institute or centre:** Facultad de Ciencias

**Type of hours/ ECTS credits:** Hours

**Type of entity:** University

**4** **Type of teaching:** Official teaching  
**Name of the course:** Geología y Edafología  
**Type of programme:** Bachelor's degree  
**Type of subject:** Obligatory  
**University degree:** Graduado o Graduada en Biología  
**Course given:** 1st  
**Start date:** 01/09/2013  
**End date:** 31/07/2014  
**Hours/ECTS credits:** 24  
**Entity:** Universidad de Málaga  
**Faculty, institute or centre:** Facultad de Ciencias  
**Department:** Ecología y Geología

**Type of teaching:** Practical work (classroom-problems)

**Type of hours/ ECTS credits:** Hours

**Type of entity:** University

**5** **Type of teaching:** Official teaching  
**Name of the course:** Paleobiología  
**Type of programme:** Bachelor's degree  
**Type of subject:** Optional  
**University degree:** Licenciado en Ciencias Biológicas  
**Course given:** 4th / 5th  
**Start date:** 01/09/2013  
**End date:** 31/07/2014  
**Hours/ECTS credits:** 27  
**Entity:** Universidad de Málaga  
**Faculty, institute or centre:** Facultad de Ciencias  
**Department:** Ecología y Geología

**Type of teaching:** Practical work (classroom-problems)

**Type of hours/ ECTS credits:** Hours

**Type of entity:** University

**6** **Type of teaching:** Official teaching  
**Name of the course:** Paleobiología  
**Type of programme:** Bachelor's degree  
**Type of subject:** Optional  
**University degree:** Licenciado en Ciencias Biológicas  
**Course given:** 4th / 5th  
**Start date:** 01/09/2013  
**End date:** 31/07/2014  
**Hours/ECTS credits:** 25  
**Entity:** Universidad de Málaga  
**Faculty, institute or centre:** Facultad de Ciencias  
**Department:** Ecología y Geología

**Type of teaching:** In person theory

**Type of hours/ ECTS credits:** Hours

**Type of entity:** University

**7** **Type of teaching:** Official teaching  
**Name of the course:** Paleontología evolutiva  
**Type of programme:** Bachelor's degree  
**Type of subject:** Optional  
**University degree:** Licenciado en Ciencias Biológicas  
**Course given:** 2nd  
**Start date:** 01/09/2013

**Type of teaching:** Practical work (classroom-problems)



**End date:** 31/07/2014  
**Hours/ECTS credits:** 15  
**Entity:** Universidad de Málaga  
**Faculty, institute or centre:** Facultad de Ciencias  
**Department:** Ecología y Geología

**Type of hours/ ECTS credits:** Hours

**Type of entity:** University

**8** **Type of teaching:** Official teaching  
**Name of the course:** Paleontología y evolución  
**Type of programme:** Bachelor's degree  
**Type of subject:** Obligatory  
**University degree:** Graduado o Graduada en Biología  
**Course given:** 2nd  
**Start date:** 01/09/2013  
**End date:** 31/07/2014  
**Hours/ECTS credits:** 144  
**Entity:** Universidad de Málaga  
**Faculty, institute or centre:** Facultad de Ciencias  
**Department:** Ecología y Geología

**Type of teaching:** Practical work (classroom-problems)

**Type of hours/ ECTS credits:** Hours

**Type of entity:** University

**9** **Type of teaching:** Official teaching  
**Name of the course:** Geología y Edafología  
**Type of programme:** Bachelor's degree  
**Type of subject:** Obligatory  
**University degree:** Graduado o Graduada en Biología  
**Course given:** 1st  
**Start date:** 01/09/2012  
**End date:** 31/07/2013  
**Hours/ECTS credits:** 24  
**Entity:** Universidad de Málaga  
**Faculty, institute or centre:** Facultad de Ciencias  
**Department:** Ecología y Geología

**Type of teaching:** Practical work (classroom-problems)

**Type of hours/ ECTS credits:** Hours

**Type of entity:** University

**10** **Type of teaching:** Official teaching  
**Name of the course:** Paleobiología  
**Type of programme:** Bachelor's degree  
**Type of subject:** Optional  
**University degree:** Licenciado en Ciencias Biológicas  
**Course given:** 4th / 5th  
**Start date:** 01/09/2012  
**End date:** 31/07/2013  
**Hours/ECTS credits:** 23  
**Entity:** Universidad de Málaga  
**Faculty, institute or centre:** Facultad de Ciencias  
**Department:** Ecología y Geología

**Type of teaching:** Practical work (classroom-problems)

**Type of hours/ ECTS credits:** Hours

**Type of entity:** University

**11** **Type of teaching:** Official teaching  
**Name of the course:** Paleobiología  
**Type of programme:** Bachelor's degree  
**Type of subject:** Optional  
**University degree:** Licenciado en Ciencias Biológicas  
**Course given:** 4th / 5th

**Type of teaching:** In person theory





**Start date:** 01/09/2012  
**End date:** 31/07/2013  
**Hours/ECTS credits:** 25  
**Entity:** Universidad de Málaga  
**Faculty, institute or centre:** Facultad de Ciencias  
**Department:** Ecología y Geología

**Type of hours/ ECTS credits:** Hours

**Type of entity:** University

**12** **Type of teaching:** Official teaching  
**Name of the course:** Paleontología Evolutiva  
**Type of programme:** Bachelor's degree  
**Type of subject:** Optional  
**University degree:** Licenciado en Ciencias Biológicas  
**Course given:** 4th / 5th  
**Start date:** 01/09/2012  
**End date:** 31/07/2013  
**Hours/ECTS credits:** 15  
**Entity:** Universidad de Málaga  
**Faculty, institute or centre:** Facultad de Ciencias  
**Department:** Ecología y Geología

**Type of teaching:** Practical work (classroom-problems)

**Type of hours/ ECTS credits:** Hours

**Type of entity:** University

**13** **Type of teaching:** Official teaching  
**Name of the course:** Paleontología y Evolución  
**Type of programme:** Bachelor's degree  
**Type of subject:** Obligatory  
**University degree:** Graduado o Graduada en Biología  
**Course given:** 2nd  
**Start date:** 01/09/2012  
**End date:** 31/07/2013  
**Hours/ECTS credits:** 136  
**Entity:** Universidad de Málaga  
**Faculty, institute or centre:** Facultad de Ciencias  
**Department:** Ecología y Geología

**Type of teaching:** Laboratory work

**Type of hours/ ECTS credits:** Hours

**Type of entity:** University

**14** **Type of teaching:** Official teaching  
**Name of the course:** Paleontología evolutiva  
**Type of programme:** Bachelor's degree  
**Type of subject:** Optional  
**University degree:** Licenciado en Ciencias Biológicas  
**Course given:** 4th / 5th  
**Start date:** 01/09/2011  
**End date:** 31/07/2012  
**Hours/ECTS credits:** 15  
**Entity:** Universidad de Málaga  
**Faculty, institute or centre:** Facultad de Ciencias  
**Department:** Ecología y Geología

**Type of teaching:** Practical work (classroom-problems)

**Type of hours/ ECTS credits:** Hours

**Type of entity:** University

**15** **Type of teaching:** Official teaching  
**Name of the course:** Paleontología y Evolución  
**Type of programme:** Bachelor's degree  
**Type of subject:** Obligatory  
**University degree:** Graduado o Graduada en Biología

**Type of teaching:** Practical work (classroom-problems)



**Course given:** 2nd  
**Start date:** 01/09/2011  
**End date:** 31/07/2012  
**Hours/ECTS credits:** 90  
**Entity:** Universidad de Málaga  
**Faculty, institute or centre:** Facultad de Ciencias  
**Department:** Ecología y Geología

**Type of hours/ ECTS credits:** Hours

**Type of entity:** University

**16 Type of teaching:** Official teaching

**Name of the course:** Paleontología

**Type of programme:** Master's degree

**Type of subject:** Core

**University degree:** Máster Universitario en Biodiversidad, Conservación y Evolución

**Course given:** Advanced

**Start date:** 05/2011

**End date:** 31/07/2011

**Hours/ECTS credits:** 10

**Entity:** Universitat de València

**Faculty, institute or centre:** Facultad de Ciencias Biológicas

**Department:** Geología

**Type of teaching:** In person theory

**Type of hours/ ECTS credits:** Hours

**Type of entity:** University

**17 Type of teaching:** International teaching

**Name of the course:** Comparative Biology of the Vertebrates

**Type of programme:** Bachelor's degree

**Type of subject:** Obligatory

**University degree:** Degree of Biology

**Course given:** 2nd

**Start date:** 01/09/2010

**End date:** 31/07/2011

**Hours/ECTS credits:** 12

**Entity:** Brown University (EEUU)

**Faculty, institute or centre:** Division of Biology and Medicine

**Department:** Ecology and Evolutionary Biology

**City of entity:** Providence, Rhode Island, United States of America

**Subject language:** English

**Type of teaching:** Laboratory work

**Type of hours/ ECTS credits:** Hours

**Type of entity:** University

**18 Type of teaching:** Official teaching

**Name of the course:** Paleobiología

**Type of programme:** Bachelor's degree

**Type of subject:** Optional

**University degree:** Licenciado en Ciencias Biológicas

**Course given:** 4th / 5th

**Start date:** 01/09/2008

**End date:** 31/07/2009

**Hours/ECTS credits:** 1,5

**Entity:** Universidad de Málaga

**Faculty, institute or centre:** Facultad de Ciencias

**Department:** Ecología y Geología

**Type of teaching:** Prácticas de Campo

**Type of hours/ ECTS credits:** Credits

**Type of entity:** University



- 19** **Type of teaching:** Official teaching  
**Name of the course:** Paleontología evolutiva  
**Type of programme:** Bachelor's degree  
**Type of subject:** Optional  
**University degree:** Licenciado en Ciencias Biológicas  
**Course given:** 4th / 5th  
**Start date:** 01/09/2008  
**End date:** 31/07/2009  
**Hours/ECTS credits:** 1,5  
**Entity:** Universidad de Málaga  
**Faculty, institute or centre:** Facultad de Ciencias  
**Department:** Ecología y Geología
- Type of teaching:** Practical work (classroom-problems)
- Type of hours/ ECTS credits:** Credits
- Type of entity:** University
- 20** **Type of teaching:** Official teaching  
**Name of the course:** Paleobiología  
**Type of programme:** Bachelor's degree  
**Type of subject:** Optional  
**University degree:** Licenciado en Ciencias Biológicas  
**Course given:** 4th / 5th  
**Start date:** 01/09/2007  
**End date:** 31/07/2008  
**Hours/ECTS credits:** 1,5  
**Entity:** Universidad de Málaga  
**Faculty, institute or centre:** Facultad de Ciencias  
**Department:** Ecología y Geología
- Type of teaching:** Prácticas de campo
- Type of hours/ ECTS credits:** Credits
- Type of entity:** University
- 21** **Type of teaching:** Official teaching  
**Name of the course:** Paleontología evolutiva  
**Type of programme:** Bachelor's degree  
**Type of subject:** Modular  
**University degree:** Licenciado en Ciencias Biológicas  
**Course given:** 4th / 5th  
**Start date:** 01/09/2007  
**End date:** 31/07/2008  
**Hours/ECTS credits:** 1,5  
**Entity:** Universidad de Málaga  
**Faculty, institute or centre:** Facultad de Ciencias  
**Department:** Ecología y Geología
- Type of teaching:** Practical work (classroom-problems)
- Type of hours/ ECTS credits:** Credits
- Type of entity:** University
- 22** **Type of teaching:** Official teaching  
**Name of the course:** Paleoantropología y evolución humana  
**Type of programme:** Bachelor's degree  
**Type of subject:** Modular  
**University degree:** Licenciado en Ciencias Biológicas  
**Course given:** 4th / 5th  
**Start date:** 01/09/2006  
**End date:** 31/07/2007  
**Hours/ECTS credits:** 0,5  
**Entity:** Universidad de Málaga  
**Faculty, institute or centre:** Facultad de Ciencias  
**Department:** Ecología y Geología
- Type of teaching:** Practical work (classroom-problems)
- Type of hours/ ECTS credits:** Credits
- Type of entity:** University



- 23** **Type of teaching:** Official teaching  
**Name of the course:** Paleoantropología y evolución humana  
**Type of programme:** Bachelor's degree **Type of teaching:** In person theory  
**Type of subject:** Modular  
**University degree:** Licenciado en Ciencias Biológicas  
**Course given:** four year course  
**Start date:** 01/09/2005  
**End date:** 31/07/2006 **Type of hours/ ECTS credits:** Credits  
**Hours/ECTS credits:** 1,5  
**Entity:** Universidad de Málaga **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Ciencias  
**Department:** Ecología y Geología

### Experience supervising doctoral thesis and/or final year projects

- 1** **Project title:** Cranial disparity, evolution and ecomorphology of living and extinct carnivores: insights from the internal structures  
**Type of project:** Doctoral thesis  
**Entity:** Universidad de Málaga **Type of entity:** University  
**City of entity:** Málaga, Andalusia, Spain  
**Student:** Alejandro Pérez Ramos  
**Obtained qualification:** En curso  
**Identify key words:** Geology; Palaeozoology; Animal ethology; Animal morphology; Animal anatomy; Information technology and adata processing  
**Date of reading:** 2018  
**European doctorate:** Yes  
**Quality recognition:** No
- 2** **Project title:** Evolución esquelética del género canis (mammalia, carnivora, canidae): implicaciones anatómico-funcionales  
**Type of project:** End of course project  
**Entity:** Universidad de Málaga **Type of entity:** University  
**City of entity:** Málaga, Andalusia, Spain  
**Student:** Marina Martín Gamero  
**Obtained qualification:** En curso  
**Identify key words:** Geology; Palaeozoology; Animal ethology; Animal anatomy; Biodiversity  
**Date of reading:** 2016
- 3** **Project title:** Estudio de la diversificación de los mamíferos en el cenozoico de norteamérica mediante análisis estadísticos multivariable  
**Type of project:** End of course project  
**Entity:** Universidad de Málaga **Type of entity:** University  
**City of entity:** Málaga, Andalusia, Spain  
**Student:** María Lucía Mérida Contreras  
**Obtained qualification:** Sobresaliente  
**Identify key words:** Geology; Palaeozoology; Biodiversity  
**Date of reading:** 16/12/2015



- 4** **Project title:** La anatomía como herramienta para descifrar el género de vida en carnívoros extintos  
**Type of project:** End of course project  
**Entity:** Universidad de Málaga **Type of entity:** University  
**City of entity:** MÁLAGA, Andalusia, Spain  
**Student:** Carlos Casares Hidalgo  
**Obtained qualification:** Matrícula de honor  
**Identify key words:** Palaeozoology; Animal ethology; Animal morphology  
**Date of reading:** 21/07/2015
- 5** **Project title:** Functional anatomy, ecomorphology and evolution of the carnivoran appendicular skeleton  
**Type of project:** Doctoral thesis  
**Co-director of thesis:** Paul Palmqvist Barrena  
**Entity:** Universidad de Málaga **Type of entity:** University  
**City of entity:** Málaga, Andalusia, Spain  
**Student:** Alberto Martín Serra  
**Obtained qualification:** Sobresaliente Cum Laude  
**Identify key words:** Palaeozoology; Animal anatomy; Evolutionary biology  
**Date of reading:** 22/01/2015  
**European doctorate:** Yes **Date of recognition:** 22/01/2015

### Educational or pedagogical publications, books, articles, etc.

J.M. Jiménez Arenas; J.A. Equivel Guerrero; G. Martínez Fernández; J.A. Afonso Marrero; P. Palmqvist Barrena; B. Figueirido Castillo; A. Serrano Ramos; A. Jurado Cortés. Evolución humana y antropología virtual: una propuesta para la docencia y la investigación. 4, pp. 305 - 315. Andalusia (Spain): Editorial Universidad de Granada, 2015. ISBN 978-84-338-5818-4  
**Name of the materials:** Innovación docente y buenas prácticas en la Universidad de Granada.  
**Target group profile:** Arqueología, Antropología, Paleontología, Zoología  
**Date of drafting:** 2015  
**Format:** Chapters of books  
**Position of signature:** 5  
**Degree of contribution:** Author or co-author of chapter in book  
**Corresponding author:** No

### Participation in innovative teaching projects

- 1** **Project title:** Fósiles en tres dimensiones: hacia una enseñanza virtual interactiva  
**City of entity:** Málaga, Andalusia, Spain  
**Type of participation:** Principal investigator  
**Dedication regime:** Full time  
**Name of the main researcher:** Borja Figueirido  
**Number of participants:** 5  
**Amount awarded:** 880  
**Funding entity:** Universidad de Málaga  
**Type of call:** Competitive  
**Geographical area:** Regional  
**Start-End date:** 10/05/2013 - 30/09/2015 **Duration:** 2 years



**2** **Project title:** Evolución humana y antropología virtual. Una propuesta para la docencia y la investigación  
**City of entity:** Granada, Andalusia, Spain  
**Type of participation:** Team member  
**Dedication regime:** Part time  
**Name of the main researcher:** Juan Manuel Jimenez Arenas  
**Number of participants:** 7  
**Amount awarded:** 3.100  
**Funding entity:** Universidad de Granada **Type of entity:** University  
**Type of call:** Competitive  
**Geographical area:** Regional  
**Start-End date:** 25/09/2012 - 10/06/2014 **Duration:** 21 months

**3** **Project title:** Análisis multivariantes de especies actuales y extintas  
**City of entity:** Málaga, Andalusia, Spain  
**Type of participation:** Team member  
**Dedication regime:** Part time  
**Name of the main researcher:** Juan Antonio Pérez Claros  
**Number of participants:** 5  
**Amount awarded:** 700  
**Funding entity:** Universidad de Málaga  
**Type of call:** Competitive  
**Geographical area:** Regional  
**Start-End date:** 10/05/2011 - 30/09/2012 **Duration:** 2 years

## Scientific and technological experience

### Scientific or technological activities

#### R&D projects funded through competitive calls of public or private entities

**1** **Name of the project:** Caracterización paleobiológica cuantitativa de las faunas de mamíferos cenozoicos y su relación con el cambio climático global  
**Identify key words:** Palaeozoology  
**Type of project:** Basic research (including archaeological digs, etc) **Geographical area:** National  
**Entity where project took place:** Universidad de Málaga **Type of entity:** University  
**City of entity:** Málaga, Andalusia, Spain  
**Name principal investigator (PI, Co-PI....):** Borja Figueirido  
**N° of researchers:** 4  
**Funding entity or bodies:** Ministerio español de economía y competitividad (MINECO; CGL2012-37866) **Type of entity:** Public Research Body  
**Type of participation:** Principal investigator  
**Name of the programme:** Basic research annual calls (Investigación fundamental no orientada)  
**Start-End date:** 01/01/2013 - 31/12/2015 **Duration:** 3 years  
**Participating entity/entities:** Brown University; Indiana University; Universidad de Málaga; University of Helsinki



**Total amount:** 25.000

**Dedication regime:** Full time

- 2** **Name of the project:** Las faunas de grandes mamíferos del Plio-Pleistoceno andaluz: el contexto paleoecológico de las primeras dispersiones humanas en el sur de Europa  
**Type of project:** Basic research (including archaeological digs, etc) **Geographical area:** National  
**Degree of contribution:** Researcher  
**Entity where project took place:** Universidad de Málaga **Type of entity:** University  
**City of entity:** Málaga, Andalusia, Spain  
**Name principal investigator (PI, Co-PI....):** Juan Perez  
**Nº of researchers:** 11  
**Funding entity or bodies:** Ministerio español de educación y ciencia (MEC; CGL2011-30334) **Type of entity:** Public Research Body  
**Type of participation:** External member  
**Name of the programme:** Basic research annual calls (Investigación fundamental no orientada)  
**Start-End date:** 01/01/2011 - 31/12/2014 **Duration:** 3 years  
**Participating entity/entities:** Brown University; Museo de Ciencias Naturales de Valencia; Universidad de Granada; Universidade Málaga; Universitat Rovira i Virgili; Universitat de València  
**Total amount:** 35.000  
**Dedication regime:** Part time
- 3** **Name of the project:** Morfología construccional de las estructuras óseas de grandes mamíferos continentales del Plio-Pleistoceno: implicaciones taxonómicas y limitaciones adaptativas  
**Type of project:** Basic research (including archaeological digs, etc) **Geographical area:** National  
**Degree of contribution:** Researcher  
**Entity where project took place:** Universitat de València **Type of entity:** University  
**City of entity:** Valencia, Valencian Community, Spain  
**Name principal investigator (PI, Co-PI....):** Miquel De Renzi  
**Nº of researchers:** 5  
**Funding entity or bodies:** Ministerio español de ciencia y tecnología (MCT; CGL2006-13808-C02-02) **Type of entity:** Public Research Body  
**Type of participation:** Team member  
**Start-End date:** 01/10/2006 - 30/09/2009 **Duration:** 3 years  
**Participating entity/entities:** Museo de Ciencias Naturales de Valencia; Universidad de Málaga; Universidad de la Sapienza; Universitat de València  
**Total amount:** 21.000  
**Dedication regime:** Part time
- 4** **Name of the project:** Análisis sistemático, tafonómico y paleoecológico de los grandes mamíferos cuaternarios de orce: una propuesta de estudio del patrimonio natural e histórico andaluz  
**Type of project:** Basic research (including archaeological digs, etc) **Geographical area:** Regional  
**Degree of contribution:** Researcher  
**Entity where project took place:** Universidad de Málaga **Type of entity:** University



**City of entity:** Málaga, Andalusia, Spain

**Name principal investigator (PI, Co-PI....):** Paul Palmqvist

**N° of researchers:** 4

**Funding entity or bodies:**

Junta de Andalucía (P11-FQM-7248)

**Type of entity:** Public Research Body

**Type of participation:** Team member

**Name of the programme:** Excellence research grants (Proyectos de Excelencia)

**Start date:** 27/03/2013

**Duration:** 5 years

**Participating entity/entities:** Brown University; Universidad de Granada; Universidad de Málaga; University of Liverpool

**Total amount:** 114.574

**Dedication regime:** Part time

## Scientific and technological activities

### Scientific production

**H index:** 12

### Publications, scientific and technical documents

- Christine M. Janis; Borja Figueirido. Forelimb anatomy and the discrimination of the predatory behavior of carnivorous mammals: The thylacine as a case study. *Journal of Morphology*. 275 - 12, pp. 1321 - 1338. (United States of America): WILEY-BLACKWELL, 2014. ISSN 0362-2525  
**DOI:** 10.1002/jmor.20303  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 2  
**Total no. authors:** 2 **Corresponding author:** No  
**Impact source:** ISI **Category:** ANATOMY & MORPHOLOGY  
**Impact index in year of publication:** 1.735 **Journal in the top 25%:** No  
**Position of publication:** 8 **No. of journals in the cat.:** 20  
**Source of citations:** SCOPUS **Citations:** 3  
**Relevant publication:** Yes
- Borja Figueirido; Zhijie J. Tseng; Francisco J. Serrano-Alarcón; Alberto Martín-Serra; Juan F. Pastor. Three-dimensional computer simulations of feeding behaviour in red and giant pandas relate skull biomechanics with dietary niche partitioning. *Biology Letters*. 10 - 4, pp. 20140196. (United Kingdom): ROYAL SOCIETY INC, 2014. ISSN 1744-9561  
**DOI:** 10.1098/rsbl.2014.0196  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 1 **Corresponding author:** No  
**Total no. authors:** 5 **Category:** BIOLOGY  
**Impact source:** ISI **Journal in the top 25%:** Yes  
**Impact index in year of publication:** 3.425 **No. of journals in the cat.:** 85  
**Position of publication:** 15



**Source of citations:** SCOPUS**Citations:** 4**Relevant publication:** Yes

- 3** Tsegai Medin; Bienvenido Martínez-Navarro; Florent Rivals; Joan Madurell-Malapeira; Sergio Ros-Montoya; María-Patrocínio Espigares; Borja Figueirido; Lorenzo Rook; Paul Palmqvist. Late Villafranchian *Ursus etruscus* and other large carnivorans from the Orce sites (Guadix-Baza basin, Andalusia, southern Spain): Taxonomy, biochronology, paleobiology, and ecogeographical context. *Quaternary International*. In press, (United Kingdom): Elsevier Sciences Ltd, 2016. ISSN 1040-6182  
**DOI:** <http://dx.doi.org/10.1016/j.quaint.2015.10.053>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 7 **Corresponding author:** No  
**Total no. authors:** 9 **Category:** GEOSCIENCES MULTIDISCIPLINARY  
**Impact source:** ISI **Journal in the top 25%:** No  
**Impact index in year of publication:** 2.062 **No. of journals in the cat.:** 175  
**Position of publication:** 63
- 4** Borja Figueirido; Alberto Martín-Serra; Christine Janis. Ecomorphological determinations in the absence of living analogues: the predatory behavior of the marsupial lion (*Thylacoleo carnifex*) as revealed by elbow joint morphology. *Paleobiology*. In press, (United States of America): Paleontological Society INC, 2016.  
**DOI:** Not available  
**Type of production:** Scientific paper **Corresponding author:** Yes  
**Position of signature:** 1 **Category:** PALAEOLOGY  
**Total no. authors:** 3 **Journal in the top 25%:** Yes  
**Impact source:** ISI **No. of journals in the cat.:** 49  
**Impact index in year of publication:** 2.456  
**Position of publication:** 5
- 5** Alberto Martín-Serra; Borja Figueirido; Paul Palmqvist. In the pursuit of the predatory behavior of borophagines (Mammalia, Carnivora, Canidae): inferences from forelimb morphology. *Journal of Mammalian Evolution*. In press, (United States of America): Springer INC, 2016. ISSN 1064-7554  
**DOI:** Not available  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 2 **Corresponding author:** No  
**Total no. authors:** 3 **Category:** ZOOLOGY  
**Impact source:** ISI **Journal in the top 25%:** Yes  
**Impact index in year of publication:** 2.357 **No. of journals in the cat.:** 154  
**Position of publication:** 20
- 6** Borja Figueirido; Alberto Martín-Serra; Zhijie J. Tseng; Christine M. Janis. Habitat changes and changing predatory habits in North American fossil canids. *Nature communications*. 6, pp. 7976. (United Kingdom): Nature publishing group, 2015. ISSN 2041-1723  
**DOI:** 10.1038/ncomms8976  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 1 **Corresponding author:** Yes  
**Total no. authors:** 4 **Category:** MULTIDISCIPLINARY SCIENCES  
**Impact source:** ISI **Journal in the top 25%:** Yes  
**Impact index in year of publication:** 11.470 **No. of journals in the cat.:** 57  
**Position of publication:** 3  
**Source of citations:** SCOPUS **Citations:** 1

- 7** Alberto Martín-Serra; Borja Figueirido; Juan Antonio Pérez-Claros; Paul Palmqvist. Patterns of morphological integration in the appendicular skeleton of mammalian carnivores. *Evolution*. 69 - 2, pp. 321 - 340. (United States of America): WILEY-BLACKWELL, 2015. ISSN 0014-3820  
**DOI:** 10.1111/evo.12566  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 2  
**Total no. authors:** 4 **Corresponding author:** No  
**Impact source:** ISI **Category:** Science Edition - EVOLUTIONARY BIOLOGY  
**Impact index in year of publication:** 4.659 **Journal in the top 25%:** Yes  
**Position of publication:** 9 **No. of journals in the cat.:** 46  
**Source of citations:** SCOPUS **Citations:** 1
- 8** Alberto Martín-Serra; Borja Figueirido; Paul Palmqvist. A three-dimensional analysis of morphological evolution and locomotor performance of the carnivoran forelimb. *PLoS ONE*. 9 - 1, pp. e85574. SAN FRANCISCO(United States of America): PUBLIC LIBRARY OF SCIENCE (PLOS), 2014. ISSN 1932-6203  
**DOI:** 10.1371/journal.pone.0085574  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 2  
**Total no. authors:** 3 **Corresponding author:** No  
**Impact source:** ISI **Category:** MULTIDISCIPLINARY SCIENCES  
**Impact index in year of publication:** 3,534 **Journal in the top 25%:** Yes  
**Position of publication:** 8 **No. of journals in the cat.:** 55  
**Source of citations:** SCOPUS **Citations:** 9
- 9** Alberto Martín-Serra; Borja Figueirido; Paul Palmqvist. A three-dimensional analysis of the morphological evolution and locomotor behaviour of the carnivoran hind limb. *BMC Evolutionary Biology*. 14, pp. 129. LONDON(United Kingdom): BIOMED CENTRAL LTD, 2014. ISSN 1471-2148  
**DOI:** 10.1186/1471-2148-14-129  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 2  
**Total no. authors:** 3 **Corresponding author:** No  
**Impact source:** ISI **Category:** EVOLUTIONARY BIOLOGY  
**Impact index in year of publication:** 3.407 **Journal in the top 25%:** No  
**Position of publication:** 18 **No. of journals in the cat.:** 46  
**Source of citations:** SCOPUS **Citations:** 7
- 10** Christine M. Janis; Karin Buttrill; Borja Figueirido. Locomotion in extinct giant kangaroos: Were sthenurines hop-less monsters?. *PLoS ONE*. 9 - 10, pp. e109888. SAN FRANCISCO(United States of America): PUBLIC LIBRARY OF SCIENCE (PLOS), 2014. ISSN 1932-6203  
**DOI:** 10.1371/journal.pone.0109888  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 3  
**Total no. authors:** 3 **Corresponding author:** No  
**Impact source:** ISI **Category:** MULTIDISCIPLINARY SCIENCES  
**Impact index in year of publication:** 3.534 **Journal in the top 25%:** Yes  
**Position of publication:** 8 **No. of journals in the cat.:** 55  
**Source of citations:** SCOPUS **Citations:** 1

- 11** Borja Figueirido; Zhijie J. Tseng Tseng; Alberto Martín-Serra. Skull Shape Evolution In Durophagous Carnivorans. *Evolution*. 67 - 7, pp. 1975 - 1993. NEW JERSEY(United States of America): WILEY-BLACKWEL, 2013. ISSN 0014-3820  
**DOI:** 10.1111/evo.12059  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 1  
**Total no. authors:** 3 **Corresponding author:** Yes  
**Impact source:** ISI **Category:** EVOLUTIONARY BIOLOGY  
**Impact index in year of publication:** 4.612 **Journal in the top 25%:** Yes  
**Position of publication:** 8 **No. of journals in the cat.:** 55  
**Source of citations:** SCOPUS **Citations:** 17
- 12** Borja Figueirido; Christine M. Janis; Juan A. Pérez-Claros; Miquel De Renzi; Paul Palmqvist. Cenozoic climate change influences mammalian evolutionary dynamics. *Proceedings of the National Academy of Sciences of the United States of America*. 109 - 3, pp. 722 - 727. 2012.  
**DOI:** 10.1073/pnas.1110246108  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 1  
**Total no. authors:** 5 **Corresponding author:** Yes  
**Impact source:** ISI **Category:** MULTIDISCIPLINARY SCIENCES  
**Impact index in year of publication:** 9.737 **Journal in the top 25%:** Yes  
**Position of publication:** 3 **No. of journals in the cat.:** 58  
**Source of citations:** SCOPUS **Citations:** 23
- 13** Borja Figueirido; Francisco J. Serrano-Alarcón; Paul Palmqvist. Geometric morphometrics shows differences and similarities in skull shape between the red and giant pandas. *Journal of Zoology*. 286 - 4, pp. 293 - 302. (United Kingdom): 2012. ISSN 0272-4634  
**DOI:** 10.1111/j.1469-7998.2011.00879.x  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 1  
**Total no. authors:** 3 **Corresponding author:** No  
**Impact source:** ISI **Category:** ZOOLOGY  
**Impact index in year of publication:** 2,043 **Journal in the top 25%:** Yes  
**Position of publication:** 34 **No. of journals in the cat.:** 129  
**Source of citations:** SCOPUS **Citations:** 5
- 14** Christine M. Janis; Borja Shoshitaishvili; Robert Kambic; Borja Figueirido. On their knees: Distal femur asymmetry in ungulates and its relationship to body size and locomotion. *Journal of Vertebrate Paleontology*. 32 - 2, pp. 433 - 445. TAYLOR AND FRANCIS, 2012. ISSN 0272-4634  
**DOI:** <http://dx.doi.org/10.1080/02724634.2012.635737>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 4 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Total no. authors:** 4 **Corresponding author:** No  
**Impact source:** ISI **Category:** PALAEONTOLOGY  
**Impact index in year of publication:** 1.674 **Journal in the top 25%:** Yes  
**Position of publication:** 8 **No. of journals in the cat.:** 40



- 15** Borja Figueirido; Juan A. Perez-Claros; Jr. Hunt Robert M.; Paul Palmqvist. Body mass estimation in amphicyonid carnivoran mammals: A multiple regression approach from the skull and skeleton. *Acta Palaeontologica Polonica*. 56 - 2, pp. 225 - 246. 2011. ISSN 0567-7920  
**DOI:** <http://dx.doi.org/10.4202/app.2010.0005>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 1  
**Total no. authors:** 4 **Corresponding author:** Yes  
**Impact source:** ISI **Category:** PALAEONTOLOGY  
**Impact index in year of publication:** 1.949 **Journal in the top 25%:** No  
**Position of publication:** 13 **No. of journals in the cat.:** 48  
**Source of citations:** SCOPUS **Citations:** 16
- 16** Borja Figueirido; Norman MacLeod; Jonathan Krieger; Miquel De Renzi; Juan Antonio Perez-Claros; Paul Palmqvist. Constraint and adaptation in the evolution of carnivoran skull shape. *Paleobiology*. 37 - 3, pp. 490 - 518. 2011. ISSN 0094-8373  
**DOI:** [dx.doi.org/10.1666/09062.1](http://dx.doi.org/10.1666/09062.1)  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 1 **Corresponding author:** Yes  
**Total no. authors:** 5 **Category:** PALAEONTOLOGY  
**Impact source:** ISI **Journal in the top 25%:** Yes  
**Impact index in year of publication:** 2.985 **No. of journals in the cat.:** 48  
**Position of publication:** 5 **Citations:** 21  
**Source of citations:** SCOPUS
- 17** Borja Figueirido; Paul Palmqvist; Juan A. Perez-Claros; Wei Dong. Cranial shape transformation in the evolution of the giant panda (*Ailuropoda melanoleuca*). *Naturwissenschaften*. 98 - 2, pp. 107 - 116. (Germany): 2011. ISSN 0028-1042  
**DOI:** [10.1007/s00114-010-0748-x](https://doi.org/10.1007/s00114-010-0748-x)  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 1 **Corresponding author:** Yes  
**Total no. authors:** 4 **Category:** MULTIDISCIPLINARY  
**Impact source:** ISI **Journal in the top 25%:** Yes  
**Impact index in year of publication:** 2.250 **No. of journals in the cat.:** 48  
**Position of publication:** 8 **Citations:** 6  
**Source of citations:** SCOPUS
- 18** Paul Palmqvist; Bienvenido Martínez-Navarro; Juan A. Pérez-Claros; Vanessa Torregrosa; Borja Figueirido; Juan M Jiménez-Arenas; Parocinio Patrocinio Espigares; Sergio Ros-Montoya; Miquel De Renzi. The giant hyena *Pachycrocuta brevirostris*: Modelling the bone-cracking behavior of an extinct carnivore. *Quaternary International*. 243 - 1, pp. 61 - 79. (United Kingdom): 2011. ISSN 1040-6182  
**DOI:** [10.1016/j.quaint.2010.12.035](https://doi.org/10.1016/j.quaint.2010.12.035)  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 5 **Corresponding author:** No  
**Total no. authors:** 9 **Category:** GEOSCIENCES MULTIDISCIPLINAR  
**Impact source:** ISI **Journal in the top 25%:** No  
**Impact index in year of publication:** 1.601 **No. of journals in the cat.:** 155  
**Position of publication:** 58

Source of citations: SCOPUS

Citations: 23

- 19** F. J. Medianero; J. Ramos; P. Palmqvist; G. Weniger; J. A. Riquelme; M. Espejo; P. Cantalejo; A. Aranda; J. A. Perez-Claros; B. Figueirido; P. Espigares; S. Ros-Montoya; V. Torregrosa; J. Linstaetter; L. Cabello; S. Becerra; R. Ledesma; I. Mevdev; A. Castro; M. Romero; B. Martinez-Navarro. The karst site of Las Palomas (Guadalteba County, Malaga, Spain): A preliminary study of its Middle-Late Pleistocene archaeopaleontological record. Quaternary International. 243 - 1, pp. 127 - 136. (United Kingdom): 2011. ISSN 1040-6182

DOI: 10.1016/j.quaint.2010.12.029

Type of production: Scientific paper

Format: Journal

Position of signature: 10

Corresponding author: No

Total no. authors: 21

Category: GEOSCIENCES MULTIDISCIPLINAR

Impact source: ISI

Journal in the top 25%: No

Impact index in year of publication: 1.874

No. of journals in the cat.: 155

Position of publication: 58

Citations: 4

- 20** Borja Figueirido; Christine M. Janis. The predatory behaviour of the thylacine: Tasmanian tiger or marsupial wolf?. Biology Letters. 7 - 6, pp. 937 - 940. (United Kingdom): 2011. ISSN 1744-957X

DOI: DOI: 10.1098/rsbl.2011.0364

Type of production: Scientific paper

Format: Journal

Position of signature: 1

Corresponding author: Yes

Total no. authors: 2

Category: BIOLOGY

Impact source: ISI

Journal in the top 25%: Yes

Impact index in year of publication: 3.762

No. of journals in the cat.: 85

Position of publication: 16

Source of citations: SCOPUS

Citations: 12

- 21** Graham J. Slater; Borja Figueirido; Lean Louis; Paul Yang; Blaire van Valkenburgh. Biomechanical consequences of rapid evolution in the polar bear lineage. PLoS ONE. 5 - 11, 2010. ISSN 1932-6203

DOI: 10.1371/journal.pone.0013870

Type of production: Scientific paper

Format: Journal

Position of signature: 2

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 5

Corresponding author: No

Impact source: ISI

Category: MULTIDISCIPLINARY

Impact index in year of publication: 4,351

Journal in the top 25%: Yes

Position of publication: 9

No. of journals in the cat.: 57

Source of citations: SCOPUS

Citations: 21

- 22** Borja Figueirido; Juan A. Pérez-Claros; Vanessa Torregrosa; Alberto Martín-Serra; Paul Palmqvist. Demythologizing Arctodus simus, the 'short-faced' long-legged and predaceous bear that never was. Journal of Vertebrate Paleontology. 30 - 1, pp. 262 - 275. (United States of America): 2010. ISSN 0272-4634

DOI: 10.1080/02724630903416027

Type of production: Scientific paper

Format: Journal

Position of signature: 1

Corresponding author: Yes

Total no. authors: 5

Category: PALEONTOLOGY

Impact source: ISI



**Impact index in year of publication:** 2,346  
**Position of publication:** 8

**Source of citations:** SCOPUS

**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 40

**Citations:** 16

- 23** Borja Figueirido; Leopoldo H. Soibelzon. Inferring palaeoecology in extinct tremarctine bears (Carnivora, Ursidae) using geometric morphometrics. *Lethaia*. 43 - 2, pp. 209 - 222. (Germany): 2010. ISSN 1502-3931

**DOI:** 10.1111/j.1502-3931.2009.00184.x

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 1

**Total no. authors:** 2

**Corresponding author:** Yes

**Impact source:** ISI

**Category:** PALEONTOLOGY

**Impact index in year of publication:** 2.282

**Journal in the top 25%:** No

**Position of publication:** 11

**No. of journals in the cat.:** 40

**Source of citations:** SCOPUS

**Citations:** 14

- 24** Borja Figueirido; Francisco J. Serrano-Alarcon; Graham Slater Slater; Paul Palmqvist. Shape at the cross-roads: homoplasy and history in the evolution of the carnivoran skull towards herbivory. *Journal of Evolutionary Biology*. 23 - 12, pp. 2579 - 2594. (United Kingdom): 2010. ISSN 1010-061X

**DOI:** 10.1111/j.1420-9101.2010.02117.x

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 1

**Total no. authors:** 4

**Corresponding author:** Yes

**Impact source:** ISI

**Category:** EVOLUTIONARY BIOLOGY

**Impact index in year of publication:** 3.856

**Journal in the top 25%:** No

**Position of publication:** 13

**No. of journals in the cat.:** 45

**Source of citations:** SCOPUS

**Citations:** 34

- 25** Borja Figueirido; Paul Palmqvist; Juan A. Perez-Claros. Ecomorphological correlates of craniodental variation in bears and paleobiological implications for extinct taxa: an approach based on geometric morphometrics. *Journal of Zoology*. 277 - 1, pp. 70 - 80. (United Kingdom): 2009. ISSN 0952-8369

**DOI:** 10.1111/j.1469-7998.2008.00511.x

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 1

**Total no. authors:** 3

**Corresponding author:** Yes

**Impact source:** ISI

**Category:** ZOOLOGY

**Impact index in year of publication:** 1,545

**Journal in the top 25%:** Yes

**Position of publication:** 34

**No. of journals in the cat.:** 129

**Source of citations:** SCOPUS

**Citations:** 33

- 26** Paul Palmqvist; Juan A. Pérez-Claros; Christine M. Janis; Borja Figueirido; Vanessa Torregrosa; D.R. Gröcke. Biogeochemical and ecomorphological inferences on prey selection and resource partitioning among mammalian carnivores in an early pleistocene community. *Palaios*. 23 - 11-12, pp. 724 - 737. (United States of America): 2008. ISSN 0883-1351

**DOI:** 10.2110/palo.2007.p07-073r

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 4

**Total no. authors:** 5

**Corresponding author:** No

**Impact source:** ISI**Impact index in year of publication:** 1.489**Position of publication:** 12**Source of citations:** SCOPUS**Category:** GEOLOGY**Journal in the top 25%:** No**No. of journals in the cat.:** 49**Citations:** 22

- 27** Paul Palmqvist; Bienvenido Martínez-Navarro; Parocinio Patrocinio Espigares; Juan A. Pérez-Claros; Sergio Ros-Montoya; Borja Figueirido; Vanessa Torregrosa; Miquel De Renzi. Análisis tafonómico y paleoecológico de la fauna de grandes mamíferos conservada en los yacimientos del sector orce-venta micena (cuenca de guadix-baza) y su interés con vistas a establecer el contexto faunístico de la primera dispersión humana a europa. In: Monografías de arqueología. Monografías de arqueología. pp. 308 - 341. Sevilla, Andalusia(Spain): Dirección de bienes culturales de la junta de Andalucía. Consejería de cultura. Editorial: Junta de Andalucía, 2010. ISBN 978-84-9959-006-6
- Type of production:** Book chapter **Format:** Book
- Position of signature:** 6
- Total no. authors:** 8 **Corresponding author:** No
- 28** Borja Figueirido. a anatomía como herramienta para descrifrar el género de vida en carnívoros extintos. La universidad y nuestros mayores. 1, pp. 77 - 82. Málaga, Andalusia(Spain): Ediciones de la Universidad de Málaga, 2008. ISBN 978-84-9747-234-0
- Type of production:** Book chapter **Format:** Book
- Position of signature:** 6
- Total no. authors:** 8 **Corresponding author:** No
- 29** Borja Figueirido. En busca de lo que nos hace humanos: evolución y dispersión del género Homo. La universidad y nuestros mayores. 1, pp. 163 - 175. Málaga, Andalusia(Spain): Ediciones de la Universidad de Málaga, 2007. ISBN 978-84-9747-202-9
- Type of production:** Book chapter **Format:** Book
- Position of signature:** 6
- Total no. authors:** 8 **Corresponding author:** No
- 30** Borja Figueirido. En busca de los orígenes de la humanidad: evolución y dispersión del género humano. La universidad y nuestros mayores. 1, pp. 175 - 189. Málaga, Andalusia(Spain): Ediciones de la Universidad de Málaga, 2006. ISBN 84-9747-136-9
- Type of production:** Book chapter **Format:** Book
- Position of signature:** 6
- Total no. authors:** 8 **Corresponding author:** No

### Works submitted to national or international conferences

- 1** **Title of the work:** Integración morfológica en el esqueleto apendicular en felinos y dientes de sable y su relación con el modo de caza
- Name of the conference:** XXXI Jornadas de la Sociedad Española de Paleontología
- City of event:** Baeza, Andalusia, Spain
- Date of event:** 2015
- Organising entity:** Sociedad Española de Paleontología **Type of entity:** Associations and Groups
- City organizing entity:** Spain
- Martín-Serra A.; Figueirido B.; Serrano F.; Palmqvist P."Libro de Resúmenes de las comunicaciones de las XXXI Jornadas de la Sociedad Española de Paleontología. P. 168-170".



- 2** **Title of the work:** Modular evolution of the carnivoran pelvic girdle: a three-dimensional morphometric approach  
**Name of the conference:** 75th meeting of Vertebrate Palaeontology. Dallas (Texas).  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** DALLAS, United States of America  
**Date of event:** 2015  
**Organising entity:** Society of Vertebrate Palaeontology  
**City organizing entity:** United States of America  
Martín-Serra A.; Figueirido B.; Serrano F.; Palmqvist P."Journal of Vertebrate Palaeontology Supplement (Program and Abstracts). P. 176."
- 3** **Title of the work:** Morfometría y Paleontología humana: ¿Cómo se comportan las técnicas biométricas en la captura de la modularidad?  
**Name of the conference:** XXXI Jornadas de la Sociedad Española de Paleontología  
**City of event:** Baeza, Andalusia, Spain  
**Date of event:** 2015  
**Organising entity:** Sociedad Española de Paleontología  
**Type of entity:** Associations and Groups  
**City organizing entity:** Spain  
Pérez Claros J.A.; Palmqvist P.; Figueirido B."Libro de Resúmenes de las comunicaciones de las XXXI Jornadas de la Sociedad Española de Paleontología. P. 233-235."
- 4** **Title of the work:** On the probable predatory behaviour of the "marsupial lion", Thylacoleo carnifex.  
**Name of the conference:** 63rd Symposium of Vertebrate Palaeontology and Comparative Anatomy  
**City of event:** Southampton, United Kingdom  
**Date of event:** 2015  
**Organising entity:** European Society for Vertebrate Palaeontology and Comparative Anatomy  
**Type of entity:** Associations and Groups  
**City organizing entity:** United Kingdom  
Janis C.M.; Figueirido B.; Martín-Serra A."Book of abstracts of the SVPCA. 2015. Southampton, UK. P. 44."
- 5** **Title of the work:** Sobre la paleobiología de Hippopotamus antiquus Desmarest, 1822: ¿Un megaherbívoro acuático sin análogos vivientes?  
**Name of the conference:** XXXI Jornadas de la Sociedad Española de Paleontología  
**City of event:** Baeza, Andalusia, Spain  
**Date of event:** 2015  
**Organising entity:** Sociedad Española de Paleontología  
**Type of entity:** Associations and Groups  
**City organizing entity:** Spain  
Martínez-Navarro B.; Madurell-Malapeira J.; Espigares M.P.; Ros-Montoya S.; Figueirido B.; A. Guerra; P. Palmqvist. "Libro de Resúmenes de las comunicaciones de las XXXI Jornadas de la Sociedad Española de Paleontología. P. 180-182".
- 6** **Title of the work:** The influence of skull shape modularity on internal structures: a 3d-pilot study using bears (Mammalia, Carnivora).  
**Name of the conference:** 75th meeting of Vertebrate Palaeontology. Dallas (Texas).  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** DALLAS, United States of America  
**Date of event:** 2015  
**Organising entity:** Society of Vertebrate Palaeontology  
**Type of entity:** Associations and Groups





**City organizing entity:** United States of America

Pérez-Ramos A.; Martín-Serra A.; Pastor F.; Pérez-Claros J.A.; Shubert B.; Borja Figueirido. "Journal of Vertebrate Palaeontology Supplement (Program and Abstracts). P. 193."

**7 Title of the work:** Assessing forelimb adaptations in carnivorans: inferences in borophaginae (Mammalia, Carnivora, Canidae).

**Name of the conference:** 74d Annual Meeting in Vertebrate Paleontology

**City of event:** Berlín, Germany

**Date of event:** 2014

**Organising entity:** Society of Vertebrate Paleontology

Martín-Serra A.; Figueirido B.; Serrano F.; Palmqvist P."Journal of Vertebrate Palaeontology (Program and Abstracts) P. 180-181".

**8 Title of the work:** Ecometrics down under: correlation of morphology with paleohabitat in kangaroos

**Name of the conference:** 74d Annual Meeting in Vertebrate Paleontology

**City of event:** Berlín, Germany

**Date of event:** 2014

**Organising entity:** Society of Vertebrate Paleontology

Damuth J.; Janis C.M.; Travouillon K.; Figueirido B.; Archer M.; Hand S."Journal of Vertebrate Palaeontology (Program and Abstracts) P.116."

**9 Title of the work:** Locomotion in giant kangaroos: were sthenurines hop-less monsters?

**Name of the conference:** 74d Annual Meeting in Vertebrate Paleontology

**City of event:** Berlín, Germany

**Date of event:** 2014

**Organising entity:** Society of Vertebrate Paleontology

Janis C.M.; Kuchenbecker K.; Figueirido B."Journal of Vertebrate Palaeontology (Program and Abstracts) P.153".

**10 Title of the work:** Morphological integration between the fore- and the hind limb in saber-tooths: is there any evidence of decoupled evolution?

**Name of the conference:** 74d Annual Meeting in Vertebrate Paleontology

**City of event:** Berlín, Germany

**Date of event:** 2014

**Organising entity:** Society of Vertebrate Paleontology

Figueirido B.; Martín-Serra A.; Palmqvist P."Journal of Vertebrate Palaeontology (Program and Abstracts) P. 180-181".

**11 Title of the work:** The effect of sampling effort on mammalian paleodiversity: the fossil record of large and small mammals compared

**Name of the conference:** 74d Annual Meeting in Vertebrate Paleontology

**City of event:** Berlín, Germany

**Date of event:** 2014

**Organising entity:** Society of Vertebrate Paleontology

Santaella B.; Figueirido B.; Cascales-Miñana B.; Janis C. M.; Palmqvist P."Journal of Vertebrate Palaeontology (Program and Abstracts) P. 221".

**12 Title of the work:** A morphometric characterization of cranial shape in terrestrial carnivorans based on fourier analysis

**Name of the conference:** 73rd Annual Meeting in Vertebrate Paleontology

**City of event:** Los Angeles,

**Date of event:** 2013



**Organising entity:** Society of Vertebrate Paleontology

Perez-Claros J.A.; Martín-Serra A.; Figueirido B.; Janis C.; Palmqvist P."Journal of Vertebrate Palaeontology (Program and Abstracts) P. 190".

- 13 Title of the work:** Allometry, Phylogeny and Function in the evolution of the carnivorans limbs: An approach based on Geometric Morphometrics

**Name of the conference:** 10th International Meeting on Vertebrate Morphology

**City of event:** Barcelona,

**Date of event:** 2013

**Organising entity:** International Association of Vertebrate Morphology

Martín-Serra A.; Figueirido B.; Serrano-Alarcón F.; Palmqvist P."Allometry, phylogeny and function in the evolution of carnivorans limbs: an approach based on 3D geometric morphometrics. Program & Abstracts of the 10th International Congress of Vertebrate Morphology, Barcelona 2013. Anatomical record, 296: 194."

- 14 Title of the work:** Cambio ambiental y evolución del comportamiento depredador en cánidos extintos

**Name of the conference:** XXIX Jornadas de la Sociedad Española de Paleontología

**City of event:** Córdoba AÑO: 2013,

**Date of event:** 2013

**Organising entity:** Sociedad Española de Paleontología

Figueirido B.; Martín-Serra A.; Casares-Hidalgo C.; Palmqvist P.; Pérez-Claros J.A.; Janis C.M."Libro de Resúmenes de las comunicaciones de las XXIX Jornadas de la Sociedad Española de Paleontología". pp. 77.

- 15 Title of the work:** Inferencias sobre las habilidades locomotoras de la subfamilia Borophaginae (Canidae, Carnivora, Mammalia) mediante el estudio morfométrico de su esqueleto apendicular

**Name of the conference:** XXIX Jornadas de la Sociedad Española de Paleontología

**City of event:** Córdoba AÑO: 2013,

**Date of event:** 2013

**Organising entity:** Sociedad Española de Paleontología

Martín-Serra A.; Figueirido B.; Serrano-Alarcón F.J.; Palmqvist P."Libro de Resúmenes de las comunicaciones de las XXIX Jornadas de la Sociedad Española de Paleontología". pp. 89.

- 16 Title of the work:** Integration patterns in the evolution of carnivoran limbs: an approach based on 3d geometric morphometrics

**Name of the conference:** 73rd Annual Meeting in Vertebrate Paleontology

**City of event:** Los Angeles,

**Date of event:** 2013

**Organising entity:** Society of Vertebrate Paleontology

Martín-Serra A.; Figueirido B.; Serrano F.; Janis C.; Palmqvist P."Journal of Vertebrate Palaeontology (Program and Abstracts) P. 172".

- 17 Title of the work:** On the evolution of the predatory behavior of north american canids and its relationship with environmental transformation and climatic change

**Name of the conference:** 73rd Annual Meeting in Vertebrate Paleontology

**City of event:** Los Angeles,

**Date of event:** 2013

**Organising entity:** Society of Vertebrate Paleontology

Figueirido B.; Martín-Serra A.; Pérez-Claros J.; Palmqvist P.; Janis C."Journal of Vertebrate Palaeontology (Program and Abstracts) P. 127".

- 18** **Title of the work:** Paleoeology of Miocene Kangaroos: Inferences from craniodental and postcranial data  
**Name of the conference:** 10th International Meeting on Vertebrate Morphology  
**City of event:** Barcelona,  
**Date of event:** 2013  
**Organising entity:** International Association of Vertebrate Morphology  
Janis C.; Damuth J.; Travouillon K.; Figueirido B.; Suzanne H."Ilometry, phylogeny and function in the evolution of carnivorous limbs: an approach based on 3D geometric morphometrics. Program & Abstracts of the 10th International Congress of Vertebrate Morphology, Barcelona 2013. Anatomical record, 296: 267."
- 19** **Title of the work:** Profiling the durophage: convergent skull shape evolution between bone and bamboo specialists  
**Name of the conference:** 73rd Annual Meeting in Vertebrate Paleontology  
**City of event:** Los Angeles,  
**Date of event:** 2013  
**Organising entity:** Society of Vertebrate Paleontology  
Tseng Z.; Martín-Serra A.; Figueirido B."Journal of Vertebrate Palaeontology (Program and Abstracts) P. 227".
- 20** **Title of the work:** Sthenurines — why the short face? Craniodental morphology in relation to diet in living and fossil kangaroos  
**Name of the conference:** 73rd Annual Meeting in Vertebrate Paleontology  
**City of event:** Los Angeles,  
**Date of event:** 2013  
**Organising entity:** Society of Vertebrate Paleontology  
Damuth J.; Janis C.M.; Travouillon K.; Figueirido B."Journal of Vertebrate Palaeontology (Program and Abstracts) P. 112".
- 21** **Title of the work:** The elbow joint of the marsupial lion, thylacoleo carnifex: implications for predatory behavior  
**Name of the conference:** 73rd Annual Meeting in Vertebrate Paleontology  
**City of event:** Los Angeles,  
**Date of event:** 2013  
**Organising entity:** Society of Vertebrate Paleontology  
Janis C.; Figueirido B."Journal of Vertebrate Palaeontology (Program and Abstracts) P. 147".
- 22** **Title of the work:** The impact of Environmental Change on Predatory Habits in canids  
**Name of the conference:** 10th International Meeting on Vertebrate Morphology  
**City of event:** Barcelona,  
**Date of event:** 2013  
**Organising entity:** International Association of Vertebrate Morphology  
Figueirido B.; Martín-Serra; Janis C."Program & Abstracts of the 10th International Congress of Vertebrate Morphology, Barcelona 2013. Anatomical record, 296: 231."
- 23** **Title of the work:** Evolución morfológica apendicular en carnívoros fisípedos I: estructura filogenética y señal funcional de la extremidad anterior  
**Name of the conference:** XXVIII Jornadas de la Sociedad Española de Paleontología  
**City of event:** Soller, Balearic Islands, Spain  
**Date of event:** 2012  
**Organising entity:** Sociedad Española de Paleontología  
**Type of entity:** Associations and Groups  
Martín-Serra A.; Figueirido B.; Pérez-Claros JA.; Palmqvist P."Libro de Resúmenes de las comunicaciones de las XXVIII Jornadas de la Sociedad Española de Paleontología.P. 233-236."



- 24** **Title of the work:** Evolución morfológica apendicular en carnívoros fisípedos II: estructura filogenética y señal funcional de la extremidad posterior  
**Name of the conference:** XXVIII Jornadas de la Sociedad Española de Paleontología  
**City of event:** Soller, Balearic Islands, Spain  
**Date of event:** 2012  
**Organising entity:** Sociedad Española de Paleontología  
**Type of entity:** Associations and Groups  
Martín-Serra A.; Figueirido B.; Pérez-Claros JA.; Palmqvist P."Libro de Resúmenes de las comunicaciones de las XXVIII Jornadas de la Sociedad Española de Paleontología.P. 229-232."
- 25** **Title of the work:** On the predatory behavior of the thylacine: a comparative approach based on forelimb anatomy  
**Name of the conference:** 72st Annual Meeting Society of Vertebrate Paleontology  
**City of event:** Raleigh,  
**Date of event:** 2012  
**Organising entity:** Society of Vertebrate Paleontology  
Figueirido B.; Wu D.; Janis C."Journal of Vertebrate Palaeontology (Program and Abstracts).P. 94."
- 26** **Title of the work:** Mammalian faunal dynamics in North America over deep time.  
**Name of the conference:** 71st Annual Meeting Society of Vertebrate Paleontology  
**City of event:** Las Vegas,  
**Date of event:** 2011  
**Organising entity:** Society of Vertebrate Paleontology  
Figueirido B.; Janis C.M.; Pérez-Claros J.; Palmqvist P."Journal of Vertebrate Palaeontology (Program and Abstracts). P. 109."
- 27** **Title of the work:** Mammalian faunal dynamics over deep time II: comparison between carnivores and herbivores.  
**Name of the conference:** 71st Annual Meeting Society of Vertebrate Paleontology  
**City of event:** Las Vegas,  
**Date of event:** 2011  
**Organising entity:** Society of Vertebrate Paleontology  
Janis C.; Figueirido B.; Pérez-Claros J.; Palmqvist P."Journal of Vertebrate Palaeontology (Program and Abstracts). P. 130."
- 28** **Title of the work:** Using geometric morphometrics to explore the masticatory system of ailurids.  
**Name of the conference:** 71st Annual Meeting Society of Vertebrate Paleontology  
**City of event:** Las Vegas,  
**Date of event:** 2011  
**Organising entity:** Society of Vertebrate Paleontology  
Serrano F.; Figueirido B.; Martín A.; Wallace S.; Palmqvist P."Journal of Vertebrate Palaeontology (Program and Abstracts). P. 192."
- 29** **Title of the work:** Exploración de la morfología craneal en carnívoros.  
**Name of the conference:** XXVI Jornadas de la Sociedad Española de Paleontología  
**City of event:** Lisboa, Portugal  
**Date of event:** 2010  
**Organising entity:** Sociedad Española de Paleontología  
Martín-Serra A.; Figueirido B.; Palmqvist P."Libro de Resúmenes de las comunicaciones de las XXVI Jornadas de la Sociedad Española de Paleontología". pp. 168 - 171.



- 30** **Title of the work:** Inferencias paleoecológicas y evolutivas en Amphicyonidae a partir de la morfología del fémur.  
**Name of the conference:** XXVI Jornadas de la Sociedad Española de Paleontología  
**City of event:** Lisboa, Portugal  
**Date of event:** 2010  
**Organising entity:** Sociedad Española de Paleontología  
Martín-Serra A.; Figueirido B.; Palmqvist P."Libro de Resúmenes de las comunicaciones de las XXVI Jornadas de la Sociedad Española de Paleontología". pp. 164 - 167.
- 31** **Title of the work:** Inferencias tróficas sobre especies extintas de Ailuridae (Carnivora, Caniformia): Una aproximación morfométrica al aparato masticador.  
**Name of the conference:** XXVI Jornadas de la Sociedad Española de Paleontología  
**City of event:** Lisboa, Portugal  
**Date of event:** 2010  
**Organising entity:** Sociedad Española de Paleontología  
Serrano-Alarcón F.J.; Figueirido B.; Palmqvist P."Libro de Resúmenes de las comunicaciones de las XXVI Jornadas de la Sociedad Española de Paleontología". pp. 296 - 299.
- 32** **Title of the work:** La hiena gigante *Pachycrocuta brevirostris* (Aymard): modelando el comportamiento fracturador de huesos de un carnívoro extinto  
**Name of the conference:** XXVI Jornadas de la Sociedad Española de Paleontología  
**City of event:** Lisboa, Portugal  
**Date of event:** 2010  
**Organising entity:** Sociedad Española de Paleontología  
Palmqvist P.; Martínez Navarro B.; Pérez Claros J.A.; Torregrosa V.; Figueirido B.; Jiménez Arenas J.M.; Espigares M. P.; Ros Montoya S.; Martín Serra A.; Serrano Alarcón F.; De Renzi M."Libro de Resúmenes de las comunicaciones de las XXVI Jornadas de la Sociedad Española de Paleontología".
- 33** **Title of the work:** Un análisis tridimensional del cráneo del oso cavernario proporciona nuevas evidencias sobre su "omnivoricidad"  
**Name of the conference:** XXVI Jornadas de la Sociedad Española de Paleontología  
**City of event:** Lisboa, Portugal  
**Date of event:** 2010  
**Organising entity:** Sociedad Española de Paleontología  
Figueirido B. Pérez-Claros J.A.; Palmqvist P."Libro de Resúmenes de las comunicaciones de las XXVI Jornadas de la Sociedad Española de Paleontología". pp. 126 - 128.
- 34** **Title of the work:** A three-dimensional analysis of skull shape evolution in the bears.  
**Name of the conference:** II Congreso de la Sociedad Española de Paleontología  
**City of event:** Valencia, Spain  
**Date of event:** 2009  
**Organising entity:** Sociedad Española de Biología Evolutiva  
Figueirido B."Libro de Resúmenes de las comunicaciones del II Congreso de la Sociedad Española de Biología Evolutiva. P. 115."
- 35** **Title of the work:** Caracterización mandibular de musteloidea (Carnivora, Caniformia) mediante morfometría geométrica: inferencias paleobiológicas sobre ailúridos basales del género *Simocyon*.  
**Name of the conference:** XXV Jornadas de la Sociedad Española de Paleontología  
**City of event:** Ronda,  
**Date of event:** 2009  
**Organising entity:** Sociedad Española de Paleontología



Serrano-Alarcón F.J.; Figueirido B. Martín-Serra A.; Palmqvist P."Libro de Resúmenes de las comunicaciones de las XXV Jornadas de la Sociedad Española de Paleontología. P. 114-117."

- 36** **Title of the work:** Convergencia evolutiva extrema en la morfología craneal del panda rojo (*Ailurus fulgens*) y el panda gigante (*Ailuropoda melanoleuca*) revelada por morfometría geométrica.  
**Name of the conference:** XXV Jornadas de la Sociedad Española de Paleontología  
**City of event:** Ronda,  
**Date of event:** 2009  
**Organising entity:** Sociedad Española de Paleontología  
Figueirido B.; Serrano-Alarcón J.A.; Palmqvist P."Libro de Resúmenes de las comunicaciones de las XXV Jornadas de la Sociedad Española de Paleontología". pp. 82.
- 37** **Title of the work:** Estudio morfométrico comparativo del análisis de contornos y de puntos homólogos en cráneos de carnívoros físipecos: implicaciones en estudios paleobiológicos.  
**Name of the conference:** XXV Jornadas de la Sociedad Española de Paleontología  
**City of event:** Ronda,  
**Date of event:** 2009  
**Organising entity:** Sociedad Española de Paleontología  
Martín-Serra A.; Figueirido B.; Pérez-Claros J.A.; Torregrosa B.; Serrano-Alarcón F.J.; Palmqvist P. "Libro de Resúmenes de las comunicaciones de las XXV Jornadas de la Sociedad Española de Paleontología. P. 94-98."
- 38** **Title of the work:** Evolución y paleobiología de la familia Amphicyonidae (Mammalia, Carnivora).  
**Name of the conference:** XXV Jornadas de la Sociedad Española de Paleontología  
**City of event:** Ronda,  
**Date of event:** 2009  
**Organising entity:** Sociedad Española de Paleontología  
Figueirido B.; Palmqvist P.; Martín-Serra A.; De Renzi M.; Pérez-Claros J.A."Libro de Resúmenes de las comunicaciones de las XXV Jornadas de la Sociedad Española de Paleontología". pp. 79.
- 39** **Title of the work:** Extreme evolutionary convergence in the skull of the red panda and the giant panda revealed by multivariate morphometrics.  
**Name of the conference:** First Iberian symposium on geometric morphometrics  
**City of event:** Institut Català de Paleontología,  
**Date of event:** 2009  
**Organising entity:** Instituto Catalán de Paleontología (ICP)  
Figueirido B.; Serrano-Alarcón F.J.; Palmqvist P."Paleontología I Evolució, memoria especial, nº3, 61-62."
- 40** **Title of the work:** Inferencias ecomorfológicas en tremarctinos extintos y el gran intercambio faunístico americano: implicaciones evolutivas en Ursidae  
**Name of the conference:** XXV Jornadas de la Sociedad Española de Paleontología  
**City of event:** Ronda,  
**Date of event:** 2009  
**Organising entity:** Sociedad Española de Paleontología  
Figueirido B.; Soibelzon, L.H."Libro de Resúmenes de las comunicaciones de las XXV Jornadas de la Sociedad Española de Paleontología". pp. 79.
- 41** **Title of the work:** Inferring paleoecology in extinct tremarctine bears using geometric morphometrics.  
**Name of the conference:** International mammalogical congress  
**City of event:** Mendoza,  
**Date of event:** 2009  
**Organising entity:** The mammal society



Figueirido B.; Soibelzon L. "Book of Abstracts of International mammalogical congress International mammalogical congress Center for Science , Technology (CONICET), p. 62."

- 42 Title of the work:** Nuevos datos sobre la evolución morfológica craneal en Ailuropoda (Mammalia, Carnivora, Ursidae).  
**Name of the conference:** XXV Jornadas de la Sociedad Española de Paleontología  
**City of event:** Ronda,  
**Date of event:** 2009  
**Organising entity:** Sociedad Española de Paleontología  
Figueirido B.; Palmqvist P.; Dong W. "Libro de Resúmenes de las comunicaciones de las XXV Jornadas de la Sociedad Española de Paleontología". pp. 76.
- 43 Title of the work:** On the bone-cracking behavior and scavenging abilities of the giant, short-faced hyena *Pachycrocuta brevirostris*: a dual approach combining taphonomy and skull biomechanics.  
**Name of the conference:** The Quaternary of Southern Spain: a bridge between Africa and the Alpine domain.  
**City of event:** Orce, Granada  
**Date of event:** 2009  
**Organising entity:** European Quaternary Stratigraphy  
Martínez-Navarro B. Espigares M.P.; Palmqvist P.; De Renzi M.; Torregrosa V.; Pérez-Claros J.A.; Ros-Montoya S.; Figueirido B.; Martín Serra A. "INQUA-SEQS, Abstract". and fieldtrips guide, pp. 64.
- 44 Title of the work:** On the ecological context of the first human dispersal in Europe and the scavenging niche available to the hominins: reconstructing the ecophysiology of the early Pleistocene large mammals and predator-prey relationships in the paleocommunity.  
**Name of the conference:** The Quaternary of Southern Spain: a bridge between Africa and the Alpine domain.  
**City of event:** Orce, Granada  
**Date of event:** 2009  
**Organising entity:** European Quaternary Stratigraphy  
Palmqvist P.; Pérez Claros J.A.; Espigares M.P.; Ros-Montoya S.; Figueirido B. Torregrosa V.; Jiménez-Arenas J.M.; Martín Serra A.; Serrano Alarcón F.; De Renzi M.; Martínez-Navarro B. "INQUA-SEQS, Abstract". and fieldtrips guide, pp. 60.
- 45 Title of the work:** The role of allometry in the evolution of the family Canidae: paleoecological implications in extinct taxa.  
**Name of the conference:** First Iberian symposium on geometric morphometrics  
**City of event:** Institut Català de Paleontología,  
**Date of event:** 2009  
**Organising entity:** Instituto Catalán de Paleontología (ICP)  
Figueirido B; Palmqvist P. "Paleontologia I Evolució, memoria especial, nº3, 59-60."
- 46 Title of the work:** Limitación y adaptación en grandes carnívoros fisípedos  
**Name of the conference:** XXIV Jornadas de la Sociedad Española de Paleontología  
**City of event:** Colunga, Spain  
**Date of event:** 2008  
**Organising entity:** Sociedad Española de Paleontología  
Figueirido B.; Palmqvist P.; Pérez-Claros J.; De Renzi M. "Libro de Resúmenes de las comunicaciones de las XXIV Jornadas de la Sociedad Española de Paleontología". pp. 118.



- 47** **Title of the work:** Paleobiología de la familia Canidae: Alometría, disparidad y evolución.  
**Name of the conference:** XXIV Jornadas de la Sociedad Española de Paleontología  
**City of event:** Colunga, Spain  
**Date of event:** 2008  
**Organising entity:** Sociedad Española de Paleontología  
Figueirido B.; Bover P.; Pérez-Claros J.; Palmqvist P. "Libro de Resúmenes de las comunicaciones de las XXIV Jornadas de la Sociedad Española de Paleontología". pp. 114.
- 48** **Title of the work:** Tendencias ecomorfológicas en la anatomía craneodental de Ursidae (Mammalia, Carnivora) reveladas por morfometría geométrica: implicaciones paleobiológicas en taxa extintos.  
**Name of the conference:** XXIV Jornadas de la Sociedad Española de Paleontología  
**City of event:** Colunga, Spain  
**Date of event:** 2008  
**Organising entity:** Sociedad Española de Paleontología  
Figueirido B.; Palmqvist P.; Pérez-Claros J. "Libro de Resúmenes de las comunicaciones de las XXIV Jornadas de la Sociedad Española de Paleontología". pp. 116.
- 49** **Title of the work:** Arctodus simus (Carnivora, Ursidae): ¿un oso de cara corta y extremidades alargadas?  
**Name of the conference:** XXIII Jornadas de la Sociedad Española de Paleontología  
**City of event:** Caravaca de la Cruz, Spain  
**Date of event:** 2007  
**Organising entity:** Sociedad Española de Paleontología  
Figueirido B.; Pérez-Claros J.; Torregrosa V.; Martín Serra A.; Palmqvist P. "Libro de Resúmenes de las comunicaciones de las XXIII Jornadas de la Sociedad Española de Paleontología". pp. 56.
- 50** **Title of the work:** Caracterización trófica de cánidos extintos (Mammalia, Carnivora, Canidae): una aproximación ecomorfológica.  
**Name of the conference:** XXIII Jornadas de la Sociedad Española de Paleontología  
**City of event:** Caravaca de la Cruz, Spain  
**Date of event:** 2007  
**Organising entity:** Sociedad Española de Paleontología  
Torregrosa V.; Palmqvist P.; Pérez Claros J.A.; Figueirido B.; Martín Serra A.; Mendoza M. "Libro de Resúmenes de las comunicaciones de las XXIII Jornadas de la Sociedad Española de Paleontología". pp. 225.
- 51** **Title of the work:** Estimación de la masa corporal en la familia Amphicyonidae (Mammalia, Carnivora) a partir del esqueleto apendicular: una aproximación mediante regresión múltiple.  
**Name of the conference:** XXIII Jornadas de la Sociedad Española de Paleontología  
**City of event:** Caravaca de la Cruz, Spain  
**Date of event:** 2007  
**Organising entity:** Sociedad Española de Paleontología  
Figueirido B.; Palmqvist P.; Torregrosa V.; Martín Serra A.; Pérez Claros J.A. "Libro de Resúmenes de las comunicaciones de las XXIII Jornadas de la Sociedad Española de Paleontología". pp. 54.
- 52** **Title of the work:** Inferencias paleoecológicas en la familia Amphicyonidae (Mammalia, Carnivora): una aproximación craneométrica.  
**Name of the conference:** XXIII Jornadas de la Sociedad Española de Paleontología  
**City of event:** Caravaca de la Cruz, Spain  
**Date of event:** 2007  
**Organising entity:** Sociedad Española de Paleontología  
Martín Serra A.; Figueirido B.; Torregrosa V.; Palmqvist P.; Pérez Claros J.A. "Libro de Resúmenes de las comunicaciones de las XXIII Jornadas de la Sociedad Española de Paleontología". pp. 123.





- 53** **Title of the work:** Inferencias sobre las relaciones entre los depredadores y sus presas en el Pleistoceno inferior de Venta Micena (Orce, Granada).  
**Name of the conference:** XXIII Jornadas de la Sociedad Española de Paleontología  
**City of event:** Caravaca de la Cruz, Spain  
**Date of event:** 2007  
**Organising entity:** Sociedad Española de Paleontología  
Palmqvist P.; Pérez Claros J.A.; Martínez Navarro B.; Grocke D.R.; Figueirido B.; Torregrosa V.; Espigares M.P.; Ros Montoya S.; Martín Serra A."Libro de Resúmenes de las comunicaciones de las XXIII Jornadas de la Sociedad Española de Paleontología". pp. 177.
- 54** **Title of the work:** Caracterización morfométrica del contorno de los cráneos de carnívoros mediante el análisis elíptico de Fourier e inferencias paleoecológicas.  
**Name of the conference:** XXII Jornadas de la Sociedad Española de Paleontología  
**City of event:** León, Spain  
**Date of event:** 2006  
**Organising entity:** Sociedad Española de Paleontología  
Martín Serra A.; Torregrosa V.; Figueirido B.; Palmqvist P.; Pérez-Claros J.A."Libro de Resúmenes de las comunicaciones de las XXII Jornadas de la Sociedad Española de Paleontología". pp. 59.
- 55** **Title of the work:** Diversificación de los mamíferos en el Terciario de Norteamérica: una aproximación macroevolutiva y paleoecológica.  
**Name of the conference:** XXII Jornadas de la Sociedad Española de Paleontología  
**City of event:** León, Spain  
**Date of event:** 2006  
**Organising entity:** Sociedad Española de Paleontología  
Figueirido B.; De Renzi M.; Pérez-Claros J.A.; Janis C.M.; Palmqvist P."Libro de Resúmenes de las comunicaciones de las XXII Jornadas de la Sociedad Española de Paleontología". pp. 33.
- 56** **Title of the work:** Application of Microscopical methods for taxonomic Assignment in ganoid scales.  
**Name of the conference:** Third European Association of Vertebrate Paleontology meeting  
**City of event:** Därmstadt, Germany  
**Date of event:** 2005  
**Organising entity:** European Association of Vertebrate Palaeontology  
Company J.; Martínez-Pérez C.; Figueirido B.; De Estéban T."Book of Abstracts of the Third European Association of Vertebrate Paleontology meeting, p. 77."
- 57** **Title of the work:** Body mass estimation in Xenarthra.  
**Name of the conference:** Second European Association of Vertebrate Paleontology meeting  
**City of event:** Brno.,  
**Date of event:** 2004  
**Organising entity:** European Association of Vertebrate Palaeontology  
De Estéban S.; Bertó J.V.; Figueirido B.; De Renzi M.; Palmqvist P."Book of Abstracts of the Second European Association of Vertebrate Paleontology meeting, p. 12."
- 58** **Title of the work:** LAGs (lines of arrested growth) in Xenarthra, methodologies, age estimates and metabolic rates.  
**Name of the conference:** Second European Association of Vertebrate Paleontology meeting  
**City of event:** Brno.,  
**Date of event:** 2004  
**Organising entity:** European Association of Vertebrate Palaeontology



Figueirido B.; De Estéban S.; Belinchón M.; De Renzi M."Book of Abstracts of the Second European Association of Vertebrate Paleontology meeting, p. 11."

- 59** **Title of the work:** La microestructura de los dientes de los mamíferos: un ensayo de revisión y posibles aplicaciones.  
**Name of the conference:** XX Jornadas de la Sociedad Española de Paleontología  
**City of event:** Alcalá de Henares, Spain  
**Date of event:** 2004  
**Organising entity:** Sociedad Española de Paleontología  
Figueirido B.; De Renzi M."Libro de Resúmenes de las comunicaciones de las XX Jornadas de la Sociedad Española de Paleontología, p. 67-68".
- 60** **Title of the work:** Preparación paleontológica y exposición de una vértebra de *Losillasaurus giganteus* en el Museo de Ciencias Naturales de Valencia.  
**Name of the conference:** Segundo encuentro de Jóvenes Investigadores en Paleontología  
**City of event:** Macastre,  
**Date of event:** 2004  
**Organising entity:** Jóvenes Investigadores en Paleontología  
Abella J.; Figueirido B.; Gonzalez G."Libro de Resúmenes del II EJIP, p. 45."

### Other dissemination activities

- 1** **Title of the work:** Introduction to Geometric morphometrics: technics and applications  
**Name of the event:** Invited lecturer in a workshop on geometric morphometrics  
**Type of event:** Conferences given  
**City of event:** Bonn, Germany  
**Date of event:** 21/09/2015  
**Organising entity:** Steinmann-Institut für Geologie, Mineralogie und Paläontologie (University of Bonn)  
**City organizing entity:** Bonn, Germany  
Anneke van Heteren; Borja Figueirido.
- 2** **Title of the work:** Evolución, ecomorfología y registro fósil  
**Name of the event:** Invited speaker in the University of Málaga by Emp  
**Type of event:** Conferences given  
**City of event:** Málaga, 10/12/2012, Spain  
**Date of event:** 10/12/2012  
**Organising entity:** University of Málaga  
**City organizing entity:** Málaga, Andalusia, Spain  
Borja Figueirido.
- 3** **Title of the work:** Evolución, ecomorfología y registro fósil: sobre como los mitos de super-predadores sesgan nuestras interpretaciones sobre animales extintos  
**Name of the event:** Invited speaker in the MSc on Biodiversity, conservation and evolution  
**Type of event:** Conferences given  
**City of event:** Valencia, 15/04/2011, Spain  
**Date of event:** 15/04/2011  
**Organising entity:** Department of Geology (University of Valencia)      **Type of entity:** University Department  
**City organizing entity:** Valencia, Valencian Community, Spain



- 4** **Title of the work:** Evolution, ecomorphology and the fossil record: How myths about super predators shape our interpretations of extinct animals  
**Name of the event:** Invited speaker at the Department of Ecology and Evolutionary Biology of Brown University  
**Type of event:** Conferences given  
**City of event:** Providence, United States of America  
**Date of event:** 18/02/2011  
**Organising entity:** Division of Biology and Medicine **Type of entity:** University Department (Rhode Island)  
**City organizing entity:** Providence, United States of America  
Borja Figueirido.
- 5** **Title of the work:** Métodos de reconstrucción paleoautoecológicos: el oso de las cavernas (Ursus Spelaeus) como caso de estudio  
**Name of the event:** Invited speaker in the MSc on Biodiversity, conservation and evolution  
**Type of event:** Conferences given  
**City of event:** Valencia, 15/06/2010, Spain  
**Date of event:** 15/06/2010  
**Organising entity:** Department of Geology **Type of entity:** University Department (University of Valencia)  
**City organizing entity:** Valencia, Valencian Community, Spain
- 6** **Title of the work:** La anatomía como herramienta para descifrar el género de vida en grandes carnívoros extintos  
**Name of the event:** Invited speaker in the "University for retired people"  
**Type of event:** Conferences given  
**City of event:** Málaga, 21/04/2008, Spain  
**Date of event:** 21/04/2008  
**Organising entity:** University of Málaga  
**City organizing entity:** Málaga, Andalusia, Spain  
Borja Figueirido.
- 7** **Title of the work:** En busca de lo que nos hace humanos: evolución y dispersión del género Homo  
**Name of the event:** Invited speaker in the "University for retired people"  
**Type of event:** Conferences given  
**City of event:** Málaga, 16/05/2007, Spain  
**Date of event:** 16/05/2007  
**Organising entity:** University of Málaga  
**City organizing entity:** Málaga, Andalusia, Spain  
Borja Figueirido.
- 8** **Title of the work:** En busca de los orígenes de la humanidad :evolución y dispersión del género humano  
**Name of the event:** Invited speaker in the "University for retired people"  
**Type of event:** Conferences given  
**City of event:** Málaga, 29/05/2006, Spain  
**Date of event:** 29/05/2006  
**Organising entity:** University of Málaga  
**City organizing entity:** Málaga, Andalusia, Spain  
Borja Figueirido.

## R&D management and participation in scientific committees

### Scientific, technical and/or assessment committees

- 1** **Committee title:** Committee member of the PhD thesis presented by Stéphanie Torrijo Boix titled: "Factores evolutivos y ecológicos en la diversificación fenotípica dental de poblaciones humanas modernas a través de técnicas de morfometría geométrica"  
**Affiliation entity:** Universidad de Alicante **Type of entity:** University  
**City affiliation entity:** Alicante, Valencian Community, Spain  
**Start-End date:** 18/12/2015 - 18/12/2015
- 2** **Committee title:** Committee member of the PhD thesis presented by Gema Siliceo Nicolás titled: "Anatomía funcional y paleobiología de Magericyon anceps (Amphicyonidae, Carnivora) del complejo de yacimientos vallesienses (Mioceno superior, MN10) del cerro de los Batallones, Torrejón del Velasco (Madrid)"  
**Affiliation entity:** Universidad de Alcalá **Type of entity:** University  
**City affiliation entity:** Alcalá de Henares, Community of Madrid, Spain  
**Start-End date:** 09/08/2015 - 09/08/2015
- 3** **Committee title:** Committee member of the PhD thesis presented by Francisco J. Serrano Alarcón: "Ecomorfología y evolución del aparato volador avian: implicaciones aerodinámicas en el vuelo de las aves basales"  
**Affiliation entity:** Universitat de Málaga **Type of entity:** University  
**City affiliation entity:** Málaga, Andalusia, Spain  
**Start-End date:** 26/01/2015 - 26/01/2015
- 4** **Committee title:** Committee member of the PhD thesis presented by Borja Esteve-Altava titled: "Structural analysis of network models in tetrapod skulls. Evolutionary Trends and structural constraints in morphological complexity, integration, and modularity"  
**Affiliation entity:** Universitat de València **Type of entity:** University  
**City affiliation entity:** Valencia, Valencian Community, Spain  
**Start-End date:** 20/12/2013 - 20/12/2013

## Other achievements

### Stays in public or private R&D centres

- 1** **Entity:** Brown University **Type of entity:** University  
**Faculty, institute or centre:** Division of Biology and Medicine  
**City of entity:** Providence; Rhode Island, United States of America  
**Start-End date:** 29/09/2010 - 01/02/2012 **Duration:** 16 months  
**Goals of the stay:** Post-doctoral
- 2** **Entity:** Natural History Museum  
**City of entity:** London, Inner London, United Kingdom  
**Start-End date:** 21/10/2007 - 21/12/2007 **Duration:** 60 days  
**Goals of the stay:** Doctorate



- 3** **Entity:** American Museum of Natural History  
**City of entity:** New York, United States of America  
**Start-End date:** 05/07/2006 - 22/09/2006 **Duration:** 86 days  
**Goals of the stay:** Doctorate

### Obtained grants and scholarships

- 1** **Name of the grant:** Fulbright Postdoctoral Grant  
**Aims:** Post-doctoral  
**Awarding entity:** Ministerio de Educación y ciencia  
**Conferral date:** 15/09/2010 **Duration:** 2 years  
**End date:** 14/09/2012  
**Entity where activity was carried out:** Brown University  
**Faculty, institute or centre:** Division of Biology and Medicine, Department of Ecology and evolutionary Biology
- 2** **Name of the grant:** Formación de Personal Universitario (FPU). Four years grant to do my Ph.D. dissertation.  
**Aims:** Pre-doctoral  
**Awarding entity:** Ministerio de educación y ciencia  
**Conferral date:** 01/05/2005 **Duration:** 4 years  
**End date:** 30/04/2009  
**Entity where activity was carried out:** Universidad de Málaga  
**Faculty, institute or centre:** Facultad de Ciencias
- 3** **Name of the grant:** Estudi del jaciment de mamífers fòssils del miocé terminal de Venta del Moro (BC0-133)  
**Awarding entity:** Universitat de València **Type of entity:** University  
**Conferral date:** 16/08/2003 **Duration:** 1 month  
**End date:** 30/09/2003  
**Entity where activity was carried out:** Universitat de València  
**Faculty, institute or centre:** Facultad de Ciencias Biológicas

### Prizes, mentions and distinctions

- 1** **Description:** Premio de Investigación "Margarita Salas" para menores de 35 años (Research prize named "Margarita Salas" for people under 35)  
**Awarding entity:** Fundación general de la Universidad de Málaga  
**City awarding entity:** Málaga, Andalusia, Spain  
**Conferral date:** 2012
- 2** **Description:** Premio extraordinario de doctorado (PhD award)  
**Awarding entity:** Universidad de Málaga **Type of entity:** University  
**City awarding entity:** Málaga, Andalusia, Spain  
**Conferral date:** 2010



## Periods of research activity

**Nº of recognized periods:** 1

**Geographical area:** National

**Certifying entity:** Comisión Nacional Evaluadora de la Actividad Investigadora (CNEAI) **Type of entity:** Public Research Body

**City certifying entity:** MADRID, Spain

**Date of recognition:** 28/11/2013

## Obtained accreditations/recognitions

**1 Description:** ASSOCIATE PROFESSOR (PROFESOR TITULAR DE UNIVERSIDAD)

**Accrediting entity:** Agencia Nacional de Evaluación de la Calidad y Acreditación **Type of entity:** ANECA

**City accrediting entity:** Spain

**Date of recognition:** 14/10/2013

**2 Description:** ASSISTANT PROFESSOR (PROFESOR AYUDANTE DOCTOR)

**Accrediting entity:** Agencia Nacional de Evaluación de la Calidad y Acreditación **Type of entity:** ANECA

**City accrediting entity:** Spain

**Date of recognition:** 15/06/2011

**3 Description:** ASSOCIATE PROFESSOR (PROFESOR CONTRATADO DOCTOR)

**Accrediting entity:** Agencia Nacional de Evaluación de la Calidad y Acreditación **Type of entity:** ANECA

**City accrediting entity:** Spain

**Date of recognition:** 15/06/2011