

David Palomas, PhD

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Summary

- Science-passionate and avid learner with 15 years of experience in leading and managing research projects in synthesis and catalysis resulting in 10 co-authored publications and four grants.
- Working knowledge of journal publishing, understanding of recent trends and ability to read and assess novelty as evidenced by 5+ years of experience as peer-reviewer.
- Excellent interpersonal, oral and written communication skills with the ability to understand, interpret, and communicate complex scientific concepts as evidenced by 10+ national and international conference presentations and 5+ years of teaching and mentoring.

Work Experience

Chemistry Teaching Labs Manager

June 2015-Present

Queen Mary University of London, UK

- Developed novel methodologies in organic chemistry, written and edited manuscripts in the areas of synthesis and catalysis resulting in 4 publications in peer-reviewed international journals.
- Managed day-to-day lab operations, documented standard operating procedures (SOPs), prepared risk assessments and met tight deadlines in a fast-paced work environment providing services to 500+ users of the chemistry labs.
- Utilised effective communication skills as demonstrated by the preparation of presentations and training sessions for researchers and students at all levels across the School of Biological and Chemical Sciences.

Content Writer

October 2012-Present

Dciencia.es

- Written, edited and proofread 20+ articles in the areas of biological, biomedical and chemical sciences contributing to creating an audience of 1.1 million visitors in 2018.
- Managed Facebook, Twitter social media accounts and website of the blog.

Research Associate

July 2013-May 2015

Imperial College of London and the Royal Dutch Shell, UK

- Liaised with researchers in academia and industry in a multifaceted synthesis and catalysis research project leading to 3 publications in international peer-reviewed journals.
- Analysed data, conducted literature research and assessed the novelty of manuscripts and patents leading to the preparation of internal industrial reports.
- Utilised effective communication and presentation skills to convey scientific findings to the research group, conferences and industrial partners.

Research Scientist

June 2012-May 2013

CAT Catalytic Center and Covestro (Aachen, Germany)

- Written and edited protocols in analytic chemistry leading to the preparation of internal industrial reports.
- Developed a thorough understanding of recent trends in industry working in 2 research projects leading to the discovery of novel catalysts for the co-polymerization of CO₂ with epoxides.
- Cultivated excellent communication skills as evidenced by the preparation presentations for conferences, the research group and industrial partners.

Postdoctoral Research Associate

March 2010-May 2012

Max Planck Institute for Coal Research (Muelheim an der Ruhr, Germany)

- Developed new methodologies in organic synthesis and catalysis leading to 2 publications in peer-reviewed international journals.
- Written, edited and proofread research proposals resulting in 100K € in lab grant funding.
- Travelled and attended conferences resulting in the development of effective relationships with other members of the international scientific community.

Education

PhD in Organic and Organometallic Chemistry.

October 2004-November 2009

University of Oviedo (Spain)

Postgraduate in Scientific Communication.

July 2003-July 2005

University of Zaragoza (Spain)

BSc in Chemistry.

September 1999-June 2004

University of Zaragoza (Spain)

Skills

Scientific writing

Public speaking

Project management

Editing

Teaching

People management

Proofreading

Mentoring

Understanding of recent trends

Peer-review

Multitasking

Data analysis

Literature review

Ability to meet deadlines

Publications, Awards, Affiliations & Interests

- 10 Publications available upon request
- Postdoctoral fellowship (2010) from the Max-Planck-Society
- PhD fellowship (2004) and postdoctoral fellowship (2011) from the Spanish Ministry of Science
- Member of the Royal Society of Chemistry (MRSC)
- Interests: reading, culture, sports