



## PERSONAL INFORMATION

Family name, First name: MIRZA-ROSCA, Julia Claudia  
ORCID:0000-0003-0623-3318

Nationality: Spanish

## • EDUCATION

- 1996 PhD, Chemistry, University of La Laguna, Spain
- 1995 PhD, Industrial Engineering, Polytechnic University of Bucharest, Romania

## • CURRENT POSITION(S)

- 2015 – present Full Professor  
Mechanical Engineering, University of Las Palmas de Gran Canaria, Spain
- 2018 – present Head of Nanomaterials and Corrosion Research Group  
Mechanical Engineering, University of Las Palmas de Gran Canaria, Spain
- 2006 – present Head of Nanoscience and Nanomaterials Laboratory  
Mechanical Engineering, University of Las Palmas de Gran Canaria, Spain
- 1999 – present Head of “Research and Protection in Corrosion - Canary” Service  
Mechanical Engineering, University of Las Palmas de Gran Canaria, Spain

## • PREVIOUS POSITIONS

- 2010 – 2015 Senior Lecturer  
Mechanical Engineering, University of Las Palmas de Gran Canaria, Spain
- 2005 – 2010 Lecturer  
Mechanical Engineering, University of Las Palmas de Gran Canaria, Spain
- 1997 – 2005 Associate Professor  
Mechanical Engineering, University of Las Palmas de Gran Canaria, Spain
- 1990 – 1997 Post Graduate Teaching Assistant  
Chemical Engineering, Polytechnic University of Bucharest, Romania

## • FELLOWSHIPS AND AWARDS

- 2022 Honorary Professor of Transilvania University of Brasov, Romania
- 2005 – 2021 Erasmus Fellowship for teaching, Mechanical Engineering, ULPGC, Spain
- 2004 Award for the Best mentored work titled: Simulation of the corrosion behaviour of titanium based implants, Association of Industrial Technical Engineers in Salamanca, Spain
- 2001 “Ilie Murgulescu” Award from Romanian Academy of Science, Romania

## • SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

- 2019 – present Mechanical Engineering, University of Las Palmas de Gran Canaria  
Currently supervising 4 PhD students (3 as unique supervisor, 1 as first supervisor)
- 1996 – 2023 Mechanical Engineering, University of Las Palmas de Gran Canaria  
7 PhDs supervised to completion (5 as unique supervisor and 1 as second supervisor)  
3MAs as unique supervisor to completion

## • TEACHING ACTIVITIES (if applicable)

- 2015 – present Full professor, University of Las Palmas de Gran Canaria, Spain  
*Undergraduate:* Materials engineering for Mechanical Engineers  
*Master:* Advanced Industrial Technologies and Processes: practical corrosion.  
*PhD:* Chemical, Mechanical and Manufacturing Engineering: biomaterials and biomechanic
- 2010 – 2015 Senior Lecturer, University of Las Palmas de Gran Canaria, Spain  
*Undergraduate:* Materials engineering for Mechanical Engineers

- Master:* Industrial Technologies: Biomaterials and biomechanical behavior  
*PhD:* Industrial Technology: Advanced techniques in determination the characteristics parameters of corrosion
- 2005 – 2010 Lecturer, University of Las Palmas de Gran Canaria, Spain  
*Undergraduate:* Materials science, Non-destructive testing of materials  
*Master:* Industrial Technologies: Biomaterials and biomechanical behavior  
*PhD:* Industrial Technology: Advanced techniques in determination the characteristics parameters of corrosion
- 1997 – 2005 Associate Professor, University of Las Palmas de Gran Canaria, Spain  
*Undergraduate:* Materials science, Non-destructive testing of materials, general metallurgy, special metallurgy  
*PhD:* Industrial Technology: Advanced techniques in determination the characteristics parameters of corrosion

- **ORGANISATION OF SCIENTIFIC MEETINGS (if applicable)**

- 2005, 2007, 2009 Head of Organisation Committee, 1<sup>st</sup>, 3<sup>rd</sup> and 5<sup>rd</sup> Workshop on Nanoscience and Nanotechnology, Spain

- **INSTITUTIONAL RESPONSIBILITIES (if applicable)**

- 1997 - present Director of IPCC Service company at Foundation of Las Palmas de Gran Canaria, Spain  
 1997 - present Member of the Faculty Committee for Industrial Design and Mechanic Engineering, University of Las Palmas de Gran Canaria, Spain  
 2000 - present Member of Mechanical Engineering Department Committee; decisions on teaching activities to undergraduate, master and PhD program, University of Las Palmas de Gran Canaria, Spain  
 2018 – present Director of NanCorr research group at University of Las Palmas de Gran Canaria, Spain

- **REVIEWING ACTIVITIES (if applicable)**

- 2021 – 2022 Invited Editor of Metals, Basel, Switzerland  
 2021 – 2022 Invited Co-editor of Coatings, Basel, Switzerland  
 2017 – present Reviewer of international journals: Corrosion and Materials Degradation, Metals, Coatings  
 2009 – 2015 Editorial Advisory Board, Bull. Institutului Politehnic Iasi, Romania  
 2007 – 2011 Scientific Committee of Editorial Board, J. of Corrosion and Anticorrosion Protection

- **MEMBERSHIPS OF SCIENTIFIC SOCIETIES (if applicable)**

Federacion Iberoamericana de Ingenieria Mecanica (FEIBIM); Sociedad Iberoamericana de Electroquimica (SIBAE); National Association of Corrosion Engineers (NACE); International Society of Electrochemistry (ISE); European Society for Biomaterials (ESB); American Society for Metals (ASM); The international Metallographic Society (IMS); Materials Research Society (MRS) and Microscopy Society of America (MSA)

- **FIELD OF TEACHING**

1. **Basic corrosion: theory and practice**
2. **Corrosion research methods**
3. **Corrosion in the human body**
4. **Biomaterials: new materials for medical devices**

- **LIST OF PUBLICATIONS**

215 publications in corrosion, 61 articles in the 2021-2025.

The complete list of publications can be found at this directory:

<https://accedacris.ulpgc.es/cris/rp/rp00358/publicaciones.html>