

CURRICULUM VITAE



PERSONAL INFORMATION

Name
Address
Telephone
E-mail
Nationality
Date of birth

ALEJANDRA SAAVEDRA MONCADA



WORK EXPERIENCE

- Dates From 2015 to present
- Name and address of employer National University of La Plata, La Plata, Argentina
- Type of business or sector Faculty of Sciences
- Occupation or position held Graduate Teaching Assistant, Inorganic Chemistry
- Main activities and responsibilities Scientific research and Teaching

- Dates From 2018 to 2019
- Name and address of employer National University of La Plata, La Plata, Argentina
- Type of business or sector Faculty of Sciences
- Occupation or position held Graduate Teaching Assistant, Inorganic Chemistry
- Main activities and responsibilities Scientific research and Teaching

- Dates From 2012 to 2013
- Name and address of employer Quindío's Government, Armenia, Colombia
- Type of business or sector Health Secretary
- Occupation or position held University Professional
- Main activities and responsibilities Control and supervision of solid waste in the region

- Dates From 2012 to 2012
- Name and address of employer Corporación Autónoma Regional del Quindío (CRQ), Armenia, Colombia
- Type of business or sector Water Laboratory
- Occupation or position held Chemical Analyst
- Main activities and responsibilities Physiochemical and bacteriological analysis in water from the region

- Dates From 2010 to 2011
- Name and address of employer University of Quindío, Armenia, Colombia
- Type of business or sector Faculty of Sciences
- Occupation or position held Undergraduate teaching assistant, Food chemistry
- Main activities and responsibilities Scientific research and Teaching

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- Name and address of employer University of Quindío, Armenia, Colombia
- Type of business or sector Faculty of Sciences
- Occupation or position held Undergraduate teaching assistant, Food chemistry
- Main activities and responsibilities Scientific research and Teaching

- Dates
- Name and address of employer
 - Type of business or sector
 - Occupation or position held
- Main activities and responsibilities

From 2009 to 2009
 University of Quindío, Armenia, Colombia
 Faculty of Sciences
 Undergraduate teaching assistant, Analytical chemistry
 Teaching

EDUCATION AND TRAINING

- Dates
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
 - Title of qualification awarded
 - Level in national classification

2005-2011
 University of Quindío, Faculty of Sciences, Armenia, Colombia

Chemistry – Experimental thesis: "Conservation of fresh cut Cantaloupe melon coated and stored in modified atmospheres".

Chemistry Degree
 Final grade: Meritorious mention

- Dates
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
 - Title of qualification awarded
 - Level in national classification

2013-2018
 National University of La Plata, Faculty of Sciences, La Plata, Argentina

Photochemical chemistry – Experimental thesis: "Photochemical and Photophysical properties of coordination compounds in polymeric supramolecular structures"

Doctoral Degree in Faculty of Sciences (Chemistry)
 Final grade Special mention

COURSES

- Date
- Name of the course
 - Place
 - Duration

2016
 Photochemistry of Xenobiotics
 National University of La Plata, Faculty of Sciences, La Plata, Argentina
 20 hours

- Date
- Name of the course
 - Place
 - Duration

2016
 Biological Photoreceptors
 National University of Mar del Plata, Faculty of Sciences and Natural science, Mar del Plata, Argentina
 40 hours

- Date
- Name of the course
 - Place
 - Duration

2015
 Introduction to the methods of Scientific knowledge
 National University of La Plata, Faculty of Sciences, La Plata, Argentina
 72 hours

- Date
- Name of the course
 - Place
 - Duration

2015
 Polymeric Materials: Introduction and Applications
 National University of La Plata, Faculty of Engineering, La Plata, Argentina
 45 hours

- Date
- Name of the course
 - Place
 - Duration

2014
 Introduction to Chemometrics, molecular modeling and QSAR/QSPR optimization
 National University of La Plata, Faculty of Sciences, La Plata, Argentina
 16 hours

- Date
- Name of the course
 - Place
 - Duration

2014
 Scientific Communication in English
 National University of La Plata, Faculty of Engineering, La Plata, Argentina
 45 hours

- Date 2013
- Name of the course Using of FTIR as a tool for the study of small organic molecules: fundamentals and applications
- Place National University of La Plata, Faculty of Engineering, La Plata, Argentina
- Duration 15 hours
- Date 2011
- Name of the course Pre-Congress ACCB: Use of edible coatings on fresh cut vegetables
- Place University of Quindío, Armenia, Colombia
- Duration 20 hours
- Date 2010
- Name of the course Consumables for Gas Chromatography and liquid Chromatography
- Place Technical University of Pereira, Pereira, Risaralda, Colombia
- Duration 5 hours

PARTICIPATION IN CONGRESS, CONFERENCES, SYMPOSIUMS

- Date 2017
- Event XIII Latin American Meeting of Photochemistry and Photobiology (ELAFOT)
- Participation Assistant and Poster presentation
- Place Villa Carlos Paz, Córdoba, Argentina
- Date 2015
- Event XIX Argentinean Congress of Physicochemistry and Inorganic Chemistry
- Participation Assistant and Poster presentation
- Place Buenos Aires, Argentina
- Date 2014
- Event 30th Argentinean Congress of Chemistry
- Participation Assistant and Poster presentation
- Place Buenos Aires, Argentina
- Date 2012
- Event II Agrifood International Congress CIAA
- Participation Poster and Writing presentation
- Place Pamplona, Colombia
- Date 2012
- Event 1st Congress in Research and Innovation in Food Science and Technology
- Participation Poster presentation
- Place Bogotá, Colombia
- Date 2007
- Event III Symposium of Applied Chemistry
- Participation Assistant
- Place Armenia, Colombia

PARTICIPATION IN FUNDED RESEARCH PROJECTS

- Title of the project Transition metal complexes: Photochemistry, Photophysics and binding to biopolymers
- Duration 2012-2015
- Organization 11/X611, National University of La Plata, Argentina
- Main activities and responsibilities Scientific research
- Director Dr. Gustavo T. Ruiz

- Title of the project
 - Duration
 - Organization
- Main activities and responsibilities
 - Director

- Title of the project
 - Duration
 - Organization
- Main activities and responsibilities
 - Director

- Title of the project
 - Duration
 - Organization
- Main activities and responsibilities
 - Director

- Title of the project
 - Duration
 - Organization
- Main activities and responsibilities
 - Director

Kinetic and mechanistic studies related to the oxidation of pollutants in the aqueous phase at pH values close to neutrality

2014-2016

PIP-CONICET #112-2013-01-00236CO, Argentina

Scientific research

Dr. Fernando Sebastian García Einschlag

Compounds and coordination polymers: photochemical and photophysical studies. Evaluation of its application in photobiology and photocatalysis

2017-2020

11/X779, National University of La Plata, Argentina

Scientific research

Dr. Gustavo T. Ruiz

Engineering Optoelectronic Interfaces: A Global Action Intersecting Fundamental Concepts and Technology Implementation of Self-Organized Organic Materials

2017-2021

734834 - INFUSION - H2020 – MSCA – RISE – 2016, European Union

Scientific research

Dr. Ilse Manet (ISOF) - Dr. Ezequiel Wolcan (UNLP)

Photoactive Nanomaterials with Biomedical Applications

2018-2022

P-UE 22920170100100CO-2017, CONICET, Argentina

Scientific research

Dr. Roberto Carlos Salvarezza

RESEARCH STAY

- Name of the Program
 - Duration and dates
 - Name and address of the research place
- Main activities and responsibilities
 - Tutor responsible

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 - Duration and dates
 - Name and address of the research place
- Main activities and responsibilities
 - Tutor responsible

Programa de Movilidad Universitaria de la red de Macrouiversidades de America Latina y el Caribe

3 months, June 14th of 2017 to September 11th of 2017

University of Chile, Santiago de Chile, Chile

Scientific research

Dr. German Gunther Sapunar

H2020-MSCA-RISE-2016 (Marie Skłodowska-Curie Research and Innovation Staff exchange)

1 year, March 28th of 2019 to March 27th of 2020

ISOF-CNR, Bologna, Italy

Scientific research

Dr. Ilse Manet (ISOF) - Dr. Ezequiel Wolcan (UNLP)

SCIENTIFIC PUBLICATIONS

- Authors
- Year of publication
- Title of the publication

- Name of the scientific journal
- Volume and number of pages
 - DOI

Alejandra Saavedra Moncada, Fernando S. García Einschlag, Eduardo D. Prieto, Gustavo T. Ruiz, Alexander G. Lappin, Guillermo J. Ferraudi, Ezequiel Wolcan

2016

Photophysical properties of -Re(I)(CO)₃(phen) pendants grafted to a poly-4-vinylpyridine backbone. A correlation between photophysical properties and morphological changes of the backbone

Journal of Photochemistry and Photobiology A: Chemistry

321, 284-296

10.1016/j.jphotochem.2016.01.001

- Authors Alejandra Saavedra Moncada, Eduart Gutiérrez Pineda, Ivan Maisuls, Gustavo T. Ruiz, Alexander G. Lappin, Guillermo J. Ferraudi, Ezequiel Wolcan
- Year of publication 2018
- Title of the publication Photochemical properties of a Re(I) polymer containing dppz in its structure. An interplay between dark and bright states of dppz
- Name of the scientific journal Journal of Photochemistry and Photobiology A: Chemistry
- Volume and number of pages 353, 86-100
- DOI 10.1016/j.jphotochem.2017.11.007

**PERSONAL SKILLS
AND COMPETENCES**

MOTHER TONGUE

SPANISH

OTHER LANGUAGES

ENGLISH

- Reading skills
- Writing skills
- Verbal skills

GOOD
GOOD
GOOD

- Reading skills
- Writing skills
- Verbal skills

GERMAN
BASIC
BASIC
BASIC

Bologna, April 5th, 2019

