

Roger Alejandro Romero Jiménez

E-Mail: royer_romero@hotmail.com Mobile: +593 998-972-416

Skype username: royer_romero

Education

Bachelor degree of science: Biology

Private Technical University of Loja

Duration of studies: September 2013 – October 2018.

Undergraduate degree that requires 5 years of study.

Work Experience and Internships

Private Technical University of Loja

Full time Laboratory Technician

Research area: Biotechnology and Production Laboratory

Duration: July 2020 - Present.

SilicoChem

Co-Founder and CTO

Function: Development of experiments and protocols for biotechnological patent

Duration: June 2018.

Center of Innovation Prendho

Entrepreneur-Innovator

Duration: April 2019 – September 2019.

Private Technical University of Loja

Full time Laboratory Technician

Research area: Biotechnology and Production Laboratory

Duration: November 2018 - January 2019.

Private Technical University of Loja

Laboratory technician internship

Research area: Biotechnology and Production Laboratory

Duration: September 2017 – July 2018.

Private Technical University of Loja

Professor Assistant

Academic component: Cellular and Molecular Biology II

Duration: April 2017 - August 2017.

Private Technical University of Loja

Laboratory technician internship

Research area: Environmental Biotechnology Laboratory

Duration: September 2015 - July 2017.

Private Technical University of Loja

Laboratory technician internship

Research area: Plant Biotechnology Laboratory

Duration: April 2015 - July 2015.

“Science is not only a discipline of reason but, also, one of romance and passion” –Stephen Hawking.

Awards and Honors

Innovator Under 35 LATAM 2019

Filed: Biotechnology and Medicine

Given by: MIT Technology Review – Massachusetts Institute of Technology (MIT)

Date Received: January 2020.

Young Latin American Leader in Biotechnology 2020

Given by: Organization Allbiotech

Date Received: September 2020.

Innovator of the Year 2020 from Loja, Ecuador

Given by: CAJE Foundation, Center for the Support of Ecuadorian Youth
Date Received: March 2020.

Winner of the "Reinvent Ecuador" initiative 2020

Given by: United Nations Ecuador (ONU Ecuador), and Alliance for Entrepreneurship and Innovation (AEI).
Date Received: August 2020.

Award for One of the Best Social and Environmental initiative in Latin America

Filed: Responsible Consumption and Production (SDGs 12)
Given by: Green Latin America Awards
Date Received: April 2020.

Workshops

First Theoretical and Practical Workshop on Biohydrometallurgy Ecuador. Bridging the gap between mining and academic sectors, 26th to 30th September, 2016.

United Nation University (UNU-BIOLAC), Loja, Ecuador
Participation as speaker.
Title: The use of microorganisms as an alternative technique to bioremediate water contaminated with heavy metals caused by mining.

XXXIX National Biology Conferences, 12th to 13th May, 2015.

Private Technical University of Loja, Loja, Ecuador
Participation as speaker.
Title: Adaptation of microorganisms in liquid enrichment medium with free cyanide.

Research Experience

Bachelor's Thesis, January 2017 - October 2018

Department of Department of Biological Sciences, Private Technical University of Loja, Loja, Ecuador
Investigation work required to obtain the bachelor's degree.
Title: Engineering of *Yarrowia lipolytica* for the industrial production of conjugated linoleic acid (CLA)
Supervisor: Ph.D. Amina Sánchez Rodríguez, Director of the Department of Biotechnology and Production and Professor at Faculty of Biology, Universidad Técnica Particular de Loja, Loja, Ecuador.

Article in the MIT Technology Review, January 2020.

Link: <https://www.innovatorsunder35.com/the-list/roger-romero/>

Languages

Spanish: Native speaker.

English: Advance.

Activities and Volunteering

Volunteer to build houses

Volunteer at TECHO, non-profit organization led by young people from different countries of Latin America and the Caribbean.

Coordinator of environmental education workshops

Volunteered for the Municipality of Loja, Ecuador.