

## CONTACT

 55 Rue fonfrère 33800 Bordeaux  
 andersonmmsm@gmail.com  
 +33 7 69 69 89 21  
 linkedin.com/in/ammedeiros

# Anderson MEDEIROS



## CAREER OBJECTIVES

PhD in Polymer Chemistry, with focus on sustainable development. Expertise and knowledge in the synthesis of polymers in aqueous medium and in polymer characterization. My professional experiences fit R&D projects/positions as well as participating in projects focused on innovative materials.

## SELECTED PROFESSIONAL EXPERIENCES

2019/Present	<b>Researcher</b> at Laboratoire de Chimie des Polymères Organiques (LCPO) at ENSCBP – Bordeaux (France) Working on the design of a new class of bio-based materials from terpenes; Ring-Opening Metathesis Polymerization; Cross-linking process. Team 2: Dr. Etienne Grau and Prof. Henri Cramail <u>Tasks:</u> Setting-up and organization of experiments; Management of materials and products; Redaction of scientific reports; Presentation and discussion of scientific results.
2017-2018	<b>Researcher</b> at Laboratory of Chemistry, Catalysis, Polymers and Processes (C2P2) in collaboration with EOC Group – Lyon (France) <u>Project:</u> Synthesis and characterization of Styrene-Butadiene Rubber (SBR) through miniemulsion polymerization. <u>Tasks:</u> Setting-up and organization of experiments; Polymerization in liquid-gas phase; Management of materials and products; Redaction of scientific reports; Presentation and discussion of scientific results.
2016-2017	<b>Researcher</b> at Laboratory of Development of Chemical Processes (LDPO/UnB) – Brasília (Brazil) <u>Project:</u> Evaluation of PPVi/PVA particles with controlled morphology via suspension polymerization <u>Tasks:</u> Polymerization in aqueous phase; Management of laboratory; Supervision of internships; Redaction of scientific reports; Presentation and discussion of scientific results. <u>Team:</u> Dr. Anderson M. Medeiros et Dr. Fabrício Machado <u>Results:</u> A book chapter and a publication in a scientific journal; Prize of best poster presented in 23° Meeting of Scientific Internship at University of Brasília
2012-2016	<b>PhD</b> at Laboratory of Materials and Fuels at University of Brasília (LMC/UnB) and C2P2-CPE at University of Claude Bernard, Lyon 1 <u>Thesis:</u> Synthesis and characterization of bio-based magnetic copolymers through miniemulsion polymerization <u>Tasks:</u> Synthesis of polymers from vegetable oil in aqueous medium; Project management; Formulation of latexes; Characterization of polymers; Manager of several equipments for analysis; International cooperation; Redaction of scientific reports; Presentation and discussion of scientific results ✓ 2014-2015: Scientific Researcher at laboratory Chemistry, Catalysis, Polymers and Processes (C2P2) ✓ 2012-2013: Professor of Chemistry in undergraduate level at University of Brasília (UnB) <u>Supervisors:</u> Dr. Timothy McKenna, Dr. Joel Camargo Rubim et Dr. Fabrício Machado <u>Results:</u> Three publications in scientific journals

## EDUCATION

2005-2009 | **Institute of Chemistry – Bachelor's degree in Chemistry**, University of Brasília (IQ/UnB) – Equivalence CIEP/ENIC-NARIC

## FEATURED SKILLS

### Hard skills

Radical Polymerization ..... ●●●●●●  
 Materials characterization ..... ●●●●●●  
 Raman spectroscopy ..... ●●●●●●  
 NMR ..... ●●●●●●  
 FTIR, NIR et DRIFT ..... ●●●●●●  
 ATG et DSC ..... ●●●●●●  
 SEC et HPLC ..... ●●●●●●  
 XRD ..... ●●●●●●  
 DLS ..... ●●●●●●

### Soft skills

Management Project ..... ●●●●●●  
 Capacity of analysis/ ..... ●●●●●●  
 synthesis  
 Writing reports ..... ●●●●●●  
 Operational ..... ●●●●●●  
 International cooperation ..... ●●●●●●

## LANGUAGES

Portuguese..... ●●●●●●  
 English ..... ●●●●●●  
 French ..... ●●●●●●  
 Spanish ..... ●

## MISCELLANEOUS

Sports (soccer, climbing, running and volleyball)  
 History  
 Music

## IT CAPABILITIES

Pack office ..... ●●●●●●  
 Chemdraw et ImageJ ..... ●●●●●●  
 OmniSEC and StarE (DSC) ..... ●●●●●●  
 OMNIC (IR) and Topspin ..... ●●●●●●  
 Origin, OPUS, and GRAMS..... ●●●●●●