

JOÃO VITOR DE SOUSA MESSEDER

Universidade Federal de Minas Gerais - UFMG

Belo Horizonte, MG - Brazil

joao_vitor_messeder@hotmail.com

Languages -Portuguese (native language);

-English (fluently - speaking, reading, writing);

-Spanish (intermediate - speaking, reading, writing)

Bachelor degree in progress in Biological Sciences with emphasis in Environmental Sciences at the Universidade Federal de Minas Gerais (UFMG) - Brazil. With experience in Ecology and Botany with emphasis in Ecosystem Ecology. Awarded as a CAPES scholarship recipient of the academic exchange program "Science Without Borders" at University of Georgia (USA) from August 2014 to July 2015.

EDUCATION

2011 - 2016: Bachelor degree in progress in Biological Sciences - Environmental Sciences. Universidade Federal de Minas Gerais, UFMG, Brazil.

August 2014 - July 2015: Exchange student at University of Georgia (USA) as a CAPES scholarship recipient of the academic exchange program Science Without Borders.

COMPLEMENTARY COURSES

- Herpetology: Systematics, ecology and field. (Course load: 12h).
Developed by Ciências Biológicas Junior - ICB/UFMG.

- VIII Ecology Field Course Prof. Mario De Maria. (Course load: 26h).
Developed by Diretório Acadêmico de Ciências Biológicas e ICB da UFMG.

RESEARCH EXPERIENCE

University of Georgia, UGA, USA.

May 2015 - July 2015: Summer internship as a research assistant at Dr. Catherine Pringle Lab. Assist graduate student (Maura Dudley) with study of stream at Southern Appalachian by identification and measurement of macroinvertebrates collected from a study looking at the top-down effects and assist with field work.

January 2015 - April 2015: Undergraduate Research at the Dr. Catherine Pringle Lab with a research project entitled "*Characterizing two genera of dominant shredder (Tallaperla and*

Pycnopsyche) associated with litter detritus, and its relation with riparian vegetation in headwater streams of the Southern Appalachians.”

Status: Completed;

Mentor: Maura Dudley;

Advisor: Dr. Catherine Pringle.

September 2014 - December 2014: Research assistant at Dr. Catherine Pringle stream ecology Lab at the University of Georgia. Assisting at field sampling and identification of benthic macroinvertebrates to genus.

Universidade Federal de Minas Gerais, UFMG, Brazil.

March 2014 - July 2014: Monitor of the courses *Morphology and Taxonomy of Spermatophytes* and *Botany Applied to Pharmacy* offered by the Botany Department of ICB/UFMG.

Advisors: Dr. Leandro Assis / Dr. João Batista

2013 - 2014: Undergraduate research as a PROBIC/ FAPEMIG (Foundation for Research Support of Minas Gerais) scholarship recipient at the Dr. Alessandra Giani Phycology Laboratory at Universidade Federal de Minas Gerais.

Research project entitled "*Assessment of oligopeptides (toxic and non-toxic) diversity in some strains of Anabaena (Phylum Cyanobacteria).*" Study of the diversity of toxic and nontoxic oligopeptides in some strains of the genus *Anabaena* (Phylum Cyanobacteria) through HPLC, ELISA and Mass Spectrometry. Taxonomic characterization of strains through light microscopy.

Status: Completed;

Advisor: Dr. Alessandra Giani.

2012 - 2014: Research assistant Phycology Laboratory at Botany Department of ICB/UFMG.

Assist. Identification of freshwater phytoplankton, preparation of growth medium for algae, and chemical analysis of water.

Advisor: Dr. Alessandra Giani

2012 - 2014: Research assistant of the graduate student Simone Kuster Mitre. The main activities performed included participation in field sampling, laboratory analysis of collected samples chemical nutrient analysis of water samples, sorting and weighing samples of leaf litter.

Supervisor: Simone Kuster Mitre

Advisor: Dr. Alessandra Giani

SCIENTIFIC PRODUCTION

Abstracts published in conferences

1. MESSEDER, J. V. S. ; GIANI, ALESSANDRA. *Assessment of oligopeptides (toxic and non-toxic) diversity in some strains of Anabaena (Phylum Cyanobacteria).* In: XXII Undergraduate Research Week of UFMG, 2013, Belo Horizonte. Summaries of XXII Undergraduate Research Week, 2013.

Courses Taught

1. MESSEDER, J. V. S. ; MITRE, S. K. Ecology of riparian environments: methodologies for studies of nutrient cycling. 2013 (Short Course Taught . Course load: 12h).

EVENTS

Participation in conferences and symposiums

1. XII Southeastern Ecology and Evolution Conference. USA. 2015
2. 64th National Congress of Botany / ERBOT XXIII - Brazil. 2013 (Conference).
3. XXI Study Week of Biology - "Cerrado: The many faces of its complexity." 2013(Symposium).
4. XXII Undergraduate Research Week of UFMG, 2013. (Symposium).
5. IX Eugen Warming Lectures in Evolutionary Ecology: Challenge in Biodiversity Conservation Lessons From the Past to the New Paradigms. 2013 (Symposium).
6. I Brazilian Symposium on Calcium Signaling Cellular Physiology and Biochemistry. 2012 (Symposium).

Organization of conferences

1. STEHMANN, JOÃO R. ; MODOLO, L. V. ; ISAIAS, R. M. S. ; SALINO, A. ; **MESSEDER, J. V. S.** . 64th National Congress of Botany - Brazil. 2013. (Congress).