

Experience

- [CEO & Founder](#)
CLOJJIC, LLC
June 2013 – Present (2 years 6 months)
Nutraceuticals & Biosciences company
- [Adjunct Faculty](#)
Indiana University Purdue University
August 2012 – Present (3 years 4 months)
Instructed and motivated bio-major, non bio-major and health sciences students in:
Human Anatomy : Lecture and labs
Human Biology: Lecture
Human Physiology Lab,
Contemporary Biology: Lecture
- [Adjunct Faculty](#)
University of Indianapolis
September 2013 – Present (2 years 3 months) Indianapolis, Indiana Area
Cell Biology: Lecture & labs (intro)
- [Adjunct Faculty](#)
IVYTECH COMMUNITY COLLEGE
August 2012 – December 2012 (5 months)
Taught Human Anatomy and Physiology to health sciences students
Complex topics and physiological mechanisms were explained in a simpler way and made comprehensible to everyone.



- [Instructor](#)
[Oakland Community College](#)
January 2011 – May 2012 (1 year 5 months)
Sciences Department
- General Biology (Life Sciences): Lectures and labs
- Initiated and implemented the use of departmental "Greenhouse" for student's research to reinforce their scientific literacy and critical thinking
- Helped re-write the General Biology lab exercises



- [Adjunct Faculty](#)
[Mott Community College](#)
January 2010 – May 2012 (2 years 5 months)
Health Sciences Department
- Microbiology: Lectures and labs
- Human Anatomy/Physiology: Lectures and labs
- General Biology: Lectures

- Initiated DNA-Modeling made by students
- Intellectual contribution to the re-design of lab equipment
- Motivated bio and non bio-major students into Life Sciences

- **Training**

University of Michigan

January 2010 – March 2010 (3 months)

Completed training in Immunohistochemistry and Gastrointestinal Cancerogenesis in the Department of Internal Medicine and Molecular/Integrative Physiology



- **Lecturer**

University of Michigan-Flint

2007 – 2008 (1 year)

Biological Sciences Department

- General Biology: Lecture and labs
- Human Anatomy/Physiology: Lecture and labs
- Cell Biology: Labs
- Initiated and implemented DNA-modeling by students
- Motivated bio & non bio-major students into Life Sciences



- **Instructor**

Baker College

2001 – 2006 (5 years)

Health Sciences Department

- 2001-03
 - Microbiology: Lectures and labs
 - Human Anatomy/Physiology: Lectures and labs
- 2006: Pathophysiology: Lectures
- Contributed significantly to the reinforcement of aseptic lab environment
- Helped students to embrace health sciences with confidence and enthusiasm



- **Lecturer**

Oakland University

2002 – 2005 (3 years)

Biological Sciences Department

- Medical Parasitology- Immunology- Mycology: Lectures
- Human Anatomy: Lectures
- General Biology: Lectures

- Successfully taught high-challenging medical parasitology-mycology class to pre-Med, pre-Dental, pre-Vet, clinical lab & bio-major students & highly competitive BIO 113.
- **Research Associate**
Federal Research Center for Nutrition & Institute of Hygiene and Toxicology
 1992 – 2000 (8 years)
 - Identification, isolation & selection of lactic acid bacteria in sauer broccoli by molecular biological, microbiological, and biochemical methods
 - DNA-Extraction & hybridization of lactic acid bacteria strains
 - Detection of bacteriocins production from selected lactic acid bacteria strains
 - Kinetic investigations of lactic acid bacteria growth by means of various substrates, temperatures & pH
 - Phytate content & phytase activity & trypsin inhibitors in broccoli
- **Research Associate**
Department of Agriculture, Central laboratories, Ettelbruck, Luxembourg
 1991 – 1996 (5 years)
 - Sensor taste & microbiological quality of green beans during spontaneous fermentation
 - Lactic acid bacteria starter cultures production
 - Nutrition Value of broccoli, Amaranthus reflexus
 - Development of new fermented bioproducts:"Sauer broccoli"
 - Evaluation of taste, color,and odor of "Sauer broccoli" with luxembourgish government representatives
 - Evaluation of lactic acid content in "Sauer broccoli"
 - Identification of potential anticancerogenic substances in "Sauer broccoli"
 - Purchased and implemented sophisticated lab equipment
- **Researcher**
Justus Liebig Universität Gießen
 1995 – 1995 (less than a year)
 Photometric & quantitative Evaluation of β -Carotin in Broccoli

Summary

Innovative scientist with experience conducting research in biology, microbiology, nutrition, and other life science fields. Possess a strong understanding of microbiological methodologies, morphology/physiology of microorganisms, applied microbial genetics/genes technology, and microbial food processing. Experience completing grant funding proposals. Utilize excellent communication skills to deliver presentations and relay key information to stakeholders. Fluent in English, German, and French. Work well as independent contributor and in collaborative team environments. Published professional recognized for high degree of professionalism and exemplary work ethic.

Passionate professor with extensive experience leading undergraduate courses at various university settings. Devise thorough and effective lesson plans to relay key information to students. Excellent communication skills to deliver lectures in clear, concise manner. Valued leader recognized for commitment to continued learning.

Specialties: Microbiological methodologies, morphology/physiology of microorganisms, applied

genetics/genes technology, biotechnology, food processing microbes, cell & molecular biology, Human Anatomy/Physiology

Languages

- **English**
Full professional proficiency
- **French**
Native or bilingual proficiency
- **German**
Native or bilingual proficiency

Education



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[Rheinisch-Westfälische Technische Hochschule Aachen](#)

Doctorate, Biology

1998 – 2003

Thesis: "Conservation of Broccoli using Lactic Acid Fermentation"



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[Justus-Liebig-Universität Giessen](#)

Master of Science (equivalent) in Nutrition Science

1994 – 1996

Majors in Food Processing Science and Applied Nutrition Science



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[Rheinisch-Westfälische Technische Hochschule Aachen](#)

Master of Science in Microbiology, minors in Virology, Ecology, and Environmental Hygiene

1981 – 1986

Thesis: "Hemicellulases in Yeast: Isolation, Optimization, and Characterization of Arabinase, Galactanase, and Xylanase" by microbiological methods and HPLC.