

## ACADEMIC QUALIFICATIONS

- 09/2013 - date**      **Bachelors of Science (BioEngineering)**  
*Marmara University, Istanbul, Turkey*
- Thesis: "3D Printing bioceramic scaffolds with Mechanical properties and Cell properties"
- 02/ 2011 – 12/2012**    **Associate Degree in Aeronautics**  
*Polytechnic West, Perth, Western Australia*

## SCHOLARSHIPS AND AWARDS

- 07/2016                  Erasmus Mundus summer internship scholarship
- 12/2013                  Turkish Academic Excellence Bachelors Scholarship
- 02/2010                  The Australia Awards–Endeavour Scholarships and Fellowships
- 11/2008                  AMIDEAST High School Cultural Exchange and Research Scholarship

## PROFESSIONAL PROFILE

- Highly developed research qualitative and analytical skills with a strong capacity to conduct independent research
- Technically astute data analytics and reporting skills with extensive experience supporting the delivery of data quality, research and analysis programs.
- Demonstrated ability to develop goals, objectives and implement strategies through lesson planning and teaching experience
- Proven ability to conceptualise problems and develop well-reasoned and integrated solutions, as demonstrated throughout university research
- Excellent knowledge of Word, Excel, Power BI, PowerPoint and Statistical Packages
- Excellent English, Russian, Turkish and Arabic language skills

## ACADEMIC EMPLOYMENT – RESEARCH

07/2017 – Date Research Assistant to Associate Professor Oguzhan Gunduz  
*Faculty of Technology, Marmara University, Turkey*

### Responsibilities

- Performed logging and/or testing of samples
- Performed laboratory experiments utilising specific and proscribed techniques and equipment
- Analysed effects of temperature, viscosity and surface tension on gelatin structures produced by modified 3D printing (published 01/2018 IOP)
- Conducted collection, analysis and evaluation of samples
- Lab management, related laboratory maintenance such as maintaining and cleaning equipment

07/2017 – Date Research Assistant to Professor Faik Nuzhet Oktar

*Faculty of Bioengineering, Marmara University, Turkey*

Responsibilities

- Performed day-to-day experimental activities, maintained detailed up-to-date laboratory notebook, all while utilising safe laboratory protocols
- Investigated the Electrical properties of clinoptilolite aluminum oxide and bovine hydroxyapatite composites
- Conducted collection, analysis and evaluations of samples
- Lab management, preparation and equipment maintenance

07/2016 – 09/2016

Research Assistant to Associate Professor Anton Fikai

*Department of Science and Engineering, University of Bucharest, Romania*

Responsibilities

- In depth study of Alluminum doped Yittria stabilized Zirconia nanoparticles for fuel cell studies
- Preparation of articles, reports and presentations
- Statistical and Graphical Analysis of Data

## OTHER EMPLOYMENT

07/2017 – present

Tutor

*British culture language centre*

Responsibilities

Teaching Languages to students of all levels and age groups

Achievements

- Co-designed a new course structure
- Devised and implemented learning objectives, lesson plans and activities to meet targets

07/2013 – 05/2017

Tutor

*English time language institute*

Achievements

- Devised and implemented learning objectives, lesson plans and activities to meet targets
- Delivered a high-quality learning experience to students which was met with consistently positive results at exams

## PUBLICATIONS

01/2018 IOP

“Effects of temp, viscosity and surface tension on gelatins structures produced by modified 3D printing.” The paper is submitted to be presented at 2017 3rd International Conference on Smart Material Research (ICSMR 2017) in Melbourne

(To be published soon) “Electrical properties of clinoptilolite aluminum oxide and bovine hydroxyapatite composites.” The paper is submitted to be presented at 2017 2nd International Conference on Frontiers of Composite Materials (ICFCM2017) in Melbourne.

## EXTRA CURRICULAR ACTIVITIES

05/2006 – date

Volunteer

AMIDEAST

- Provide administrative support
- Participate in the organisation of fundraising activities
- Contribute to the editing of monthly newsletter

03/2010 – 11/2011

Secretary

Focus (Friends on Campus) Committee; a support network for mature-age students

07/2008 – 11/2010

Senior Student Representative