

# Begum Baybali

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## EDUCATION

**Montana State University**, Bozeman, MT

**Istanbul Technical University**, Istanbul, Turkey

Bachelor of Science, Biological Engineering 3.16/4.0

**Istanbul University State Conservatory**

Harp Art Branch, Part-time Education

**09/2015-Present**

**June 2008 -March 2013**

## HONORS

- Honor List (2 semesters)
- Highest GPA in DDP Bioengineering program

## EXPERIENCES

**DEVA Holding A.S**, Tekirdag, Turkey

**06/2018-07/2018**

Internship at Microbiology and Analytic Development departments of R&D Center

- Followed Good Manufacturing Practice (GMP)
- Prepared samples for ingredient analysis with HPLC
- Used plate count method for microbial counts
- Tests were done for microbial limit tests
- Inoculated *Escherichia coli*, *Salmonella*, *Enterobacteriaceae*
- Studied efficacy of antimicrobial preservatives test
- Interpreted/summarized test results for supervisor

**Istanbul Technical University**, Istanbul, Turkey

**26/02/2018-2/05/2018**

Undergraduate Research Assistant at Biomaterials Laboratory

- Observed characterization with XRD
- Observed Spark plasma sintering
- Observed Pilot production of B4C ballistic ceramics

**Sankt Georg Krankenhaus (Austria Saint Georg Hospital)**, Turkey

**21/07/2014 – 25/07/2014**

High school internship

- Observed various medical units (gynecology, urology, endoscopy)
- Observed surgeries and birth

**Montana State University**, Bozeman, MT

Undergraduate Research Assistant in Soft Materials Laboratory

- Participated in meetings to discuss research aspects
- Inoculated *Pb. Dendritiformis*

- Observed autoclaving
- Cleaned laboratory equipment
- Used biosafety cabinet
- Prepared 3-D printer resin involving microorganisms

## LANGUAGE AND CERTIFICATES

### Language

- Turkish (Native)
- English (Advanced)
- French (upper intermediate)

### Certificates

- Delf B1
- Royal Academy Grade 5 Harp

## ACTIVITIES

### Montana Investment Club, Member

- Collected school utilities for students who need them in middle school

**Unicef**, Turkey- Supporter since 2015

**Greenpeace**, Turkey-Supporter since 2015

## HOBBIES AND INTERESTS

Playing harp and piano, skiing, music, travelling, pet care, salsa, bachata, reading novels, coins, theater, video games