

# Ozan Kiratli

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## EDUCATION

**Middle East Technical University (METU), Ankara, Turkey**

*Master of Science (MS)* in Biology 2016

Concentration: Evolutionary Biology

*Bachelor of Science (BS)* in Biology 2013

*Minor* in Physics 2014

## RESEARCH EXPERIENCE

*Research Assistant* January 2018 - August 2018

Department of Biology, University of Pennsylvania, Philadelphia, PA

*Research and Teaching Assistant* February 2014 - June 2015

Department of Molecular Biology and Genetics, METU, Ankara, Turkey

*Research Intern* July - August 2012

Marine Research Coordination Department, Mining Research Institute, Ankara, Turkey

*Research Intern* January - February 2010

Astronomy and Space Sciences Department, Ankara University, Ankara Turkey

## TEACHING EXPERIENCE

*Teaching Assistant* August 2016 - December 2017, August 2018 - Current

Department of Biology, University of Pennsylvania, Philadelphia, PA

- 3 different classes in 5 semesters, including discussion recitations and laboratory classes

*Research and Teaching Assistant* February 2014 - June 2015

Department of Molecular Biology and Genetics, METU, Ankara, Turkey

- 4 different classes in 3 semesters, including recitations and laboratory classes

*Math and Science Tutor* September 2007 - June 2015

Self Employed

- Taught Math, Biology and Physics in Junior High, High School and College levels
- Worked with 20+ students, 6 of them multiple years

## HONORS AND AWARDS

- Peachey Grant for Field Research 2017  
University of Pennsylvania, Department of Biology
- Graduate Scholarship of Scientist Education Support Program 2013  
The Scientific and Technological Research Council of Turkey (TÜBİTAK)
- Undergraduate Scholarship of Scientist Education Support Program 2007  
The Scientific and Technological Research Council of Turkey (TÜBİTAK)
- Grants for Attendance, Travel, or Accommodation to various workshops
  - **NASA JPL:** Sagan Exoplanet Summer Workshop
  - **NASA Astrobiology Institute:** Computational Astrobiology Summer School
  - **Şirince Mathematics Village:** Mathematical Evolution Workshop and Symposium, Quantitative Evolution Workshop
- METU Honor Roll Achievement 2008, 2011, 2012

## TALKS AND PRESENTATIONS

1. **"The influence of migration on adaptation in natural populations of *D. melanogaster*"** (Poster). II Joint Congress on Evolutionary Biology. Montpellier, France. August 19 - 22, 2018
2. **"The influence of migration on adaptation in natural populations of *D. melanogaster*"** (Poster). 59th Drosophila Research Conference. Philadelphia, PA. April 11 - 15, 2018
3. **"Migration and adaptation in natural populations of *D. melanogaster*"** (Poster). Evolutionary and Ecological Genomics Conference, GRC. Biddeford, ME. July 16 - 21, 2017
4. **"Can mutation accumulation remain constant when the parameters rescaled?"** (Poster). Quantitative Evolution Workshop. Nesin Mathematics Village (Nesin Matematik Köyü), Şirince, İzmir, Turkey). September 14 - 21, 2014.
5. **"History of Mathematical Evolutionary Biology"** (Turkish). 8th Aykut Kence Evolution Conference. Middle East Technical University (METU), Ankara, Turkey. April 27, 2014.  
[http://www.youtube.com/watch?v=\\_P0C2CQMqo4](http://www.youtube.com/watch?v=_P0C2CQMqo4)
6. **"Towards the Theoretical Evolution: Hamiltonian Mechanics in Biology"** (Turkish), 7th National Evolution Conference, METU, Ankara, Turkey. September 29, 2012.  
<http://www.youtube.com/watch?v=Ssdi3Bmae8w>
7. **"Astrobiology in Turkey"**, 6th Turkish National Astronomy Student Conference, Çukurova University, Adana, Turkey. September 2, 2010.
8. **"Astrobiology"**, 4th Molecular Biology and Genetics Conference, Ege University, İzmir, Turkey. August 29, 2010.
9. **"Astrobiology: From Big Bang to Life"**, METU, Ankara, Turkey. May 5, 2010.
10. **"Astrobiology in Turkey"**, Lightning Talks Session, Astrobiology Science Conference 2010, League City, Texas, USA. Apr 28, 2010.
11. Student Panelist, 4th National Evolution Conference METU, Ankara, Turkey. Dec 12, 2009.
12. **"What Evolution is not?"**, Darwin Now Exhibition (Arranged by the British Council) Panel: Theory of Evolution on the 150th Anniversary of 'Origin of Species' METU, Ankara, Turkey. Jun 26, 2009.