

## Res. Asst. PhD DUYGU YILMAZ ERGÜL

### Personal Information

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### Education Information

Doctorate, Gazi University, Eğitim Bilimleri Enstitüsü, Fen Bilgisi Eğitimi (Dr), Turkey 2014 - 2020

Post Graduate, Gazi University, Eğitim Bilimleri Enstitüsü, Fen Bilgisi Eğitimi (YI) (Tezli), Turkey 2011 - 2014

Under Graduate, Gazi University, Gazi Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, Turkey 2006 - 2010

### Dissertations

Doctorate, Dönüştürücü öğrenme ortamında fen bilgisi öğretmen adaylarının teknolojik pedagojik alan bilgilerinin gelişimi, Gazi University, Eğitim Bilimleri Enstitüsü, 2020

Post Graduate, Teknolojik Pedagojik Alan Bilgisinin Belirlenmesi: Çoklu Durum Çalışması, Gazi University, Eğitim Bilimleri Enstitüsü, Fen Bilgisi Eğitimi (YI) (Tezli), 2014

### Research Areas

Social Sciences and Humanities

### Academic Titles / Tasks

Research Assistant, Gazi University, Gazi Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, 2013 - Continues

### Courses

Bilim Tarihi ve Felsefesi, Under Graduate, 2020 - 2021

Dijital Eğitsel İçerik Hazırlama, Under Graduate, 2020 - 2021

### Articles Published in Other Journals

#### I. Eliciting prospective science teachers' teaching orientations by using a card sorting activity

Yılmaz Ergül D., Taşar M. F.

Action Research and Innovation in Science Education, vol.3, no.2, pp.27-37, 2020 (Refereed Journals of Other Institutions)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Examining physics teachers' technological pedagogical content knowledge after a professional development program: Multiple case study**  
ŞENTÜRK M. L. , IRMAK M., ERCAN J., YILMAZ D., TAŞAR M. F.  
National Association for Research in Science Teaching (NARST, 13 November 2016 - 23 March 2019
- II. **Fen Bilimleri Öğretmenliği Programı Öğrencilerinin Organ Diseksiyonu Tekniğine Yönelik Görüşleri**  
YILMAZ ERGÜL D., YENİKALAYCI N.  
IIX Ulusal Fen Bilimleri ve Matematik Eğitimi Kongresi, Turkey, 4 - 07 September 2016
- III. **Changes in Physics Teachers Cognitive Structures about Using Educational Animations and Simulations**  
IRMAK M., YILMAZ D., ERCAN J., ŞENTÜRK M., TAŞAR M. F.  
11th Biennial Conference of the European Science Education Research Association (ESERA), Helsinki, Finland, 31 August - 04 September 2015
- IV. **Physics Teachers Development of Technology Pedagogy and Content Knowledge A Mixed Methods Study**  
TAŞAR M. F. , ERCAN J., ŞENTÜRK M., YILMAZ D., IRMAK M.  
iSER 2015 WORLD CONFERENCE on EDUCATION, İstanbul, Turkey, 10 - 12 June 2015
- V. **The VOPLE Project**  
TAŞAR M. F. , ŞENTÜRK M., YILMAZ D., ERCAN J., IRMAK M., UŞAK M.  
iSER 2015 WORLD CONFERENCE on EDUCATION, 10 - 12 June 2015
- VI. **Examining a Teacher s Integration of Animations and Simulations in Physics Teaching after Professional Development Program**  
ERCAN J., YILMAZ D., ŞENTÜRK M., IRMAK M., TAŞAR M. F.  
American Educational Research Association (AERA) Annual Meeting, Chicago, United States Of America, 15 - 21 April 2015
- VII. **The effect of teaching practices in science exhibits on pre-service science teachers' attitudes toward teaching profession**  
YILMAZ ERGÜL D., BARDAK Ş., ERCAN J., KAYACAN K.  
IX. Ulusal Fen Bilimleri ve Matematik Eğitimi Kongresi, Turkey, 14 - 17 September 2014
- VIII. **Determining technological pedagogical content knowledge: multiple case study**  
YILMAZ ERGÜL D., TAŞAR M. F.  
International Science Education Conference, 12 - 15 March 2014
- IX. **Graduate students' understandings about weight loss: a self-study**  
Ercan J., YILMAZ ERGÜL D., TAŞAR M. F.  
International Society of Educational Research World Conference, 17 - 21 February 2014
- X. **Newton meets momentum currents – a passion play**  
Hermann F., Pohlig M., Agnes C., YILMAZ ERGÜL D., Jale E.  
The World Conference on Physics Education, 10 - 15 June 2012