

## Assoc. Prof. DİLARA BAKAN KALAYCIOĞLU

### Personal Information

**Email:** dilarabakan@gazi.edu.tr

**Web:** <https://avesis.gazi.edu.tr/dilarabakan>

### Education Information

Doctorate, Hacettepe University, Eğitim Fakültesi, Eğitim Bilimleri Bölümü, Turkey 2004 - 2008

Post Graduate, The Ohio State University, Sayısal Araştırmalar Eğitimde Ölçme Ve Değerlendirme, United States Of America 2002 - 2004

Under Graduate, Hacettepe University, Fen Fakültesi, Matematik Bölümü, Turkey 1994 - 1998

### Dissertations

Doctorate, Öğrenci seçme sınavı'nın madde yanlılığı açısından incelenmesi, Hacettepe University, Eğitim Fakültesi, Eğitim Bilimleri Bölümü, 2008

Post Graduate, Using the Rasch Model for Test Equating and Standard-setting with Unweighted and Weighted Scoring, The Ohio State University, Sayısal Araştırmalar Eğitimde Ölçme Ve Değerlendirme, 2004

### Research Areas

Social Sciences and Humanities

### Academic Titles / Tasks

Associate Professor, Gazi University, Gazi Eğitim Fakültesi, Eğitim Bilimleri, 2018 - Continues

Researcher, University of London (The London School of Economics and Political Science), London School Of Economics and Political Science, İstatistik , 2013 - 2014

Lecturer PhD, Hacettepe University, Eğitim Fakültesi, Eğitim Bilimleri Bölümü, 2009 - 2010

### Professional Experience

Director of the Center, Gazi University, Gazi Eğitim Fakültesi, Eğitim Bilimleri, 2020 - Continues

### Courses

Eğitimde Araştırma Yöntemleri, Under Graduate, 2020 - 2021

Eğitim İstatistiği-1, Post Graduate, 2020 - 2021

Bilimsel Araştırma Teknikleri, Under Graduate, 2020 - 2021

Eğitim İstatistiği-2, Post Graduate, 2020 - 2021

Eğitimde Ölçme ve Değerlendirme, Under Graduate, 2018 - 2019

Eğitimde Proje Hazırlama , Under Graduate, 2019 - 2020

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **The Influence of Socioeconomic Status, Self-efficacy, and Anxiety on Mathematics Achievement in England, Greece, Hong Kong, the Netherlands, Turkey, and the USA**  
BAKAN KALAYCIOĞLU D.  
EDUCATIONAL SCIENCES-THEORY & PRACTICE, vol.15, no.5, pp.1391-1401, 2015 (Journal Indexed in SSCI)
- II. **Factors Related To University Entrance Examination Achievement: A Case Study from Turkey**  
BAKAN KALAYCIOĞLU D.  
EGITIM VE BILIM-EDUCATION AND SCIENCE, vol.40, no.179, pp.181-192, 2015 (Journal Indexed in SSCI)
- III. **Differential Item Functioning Analysis of the Science and Mathematics Items in the University Entrance Examinations in Turkey**  
BAKAN KALAYCIOĞLU D., Berberoglu G.  
JOURNAL OF PSYCHOEDUCATIONAL ASSESSMENT, vol.29, no.5, pp.467-478, 2011 (Journal Indexed in SSCI)
- IV. **Item Bias Analysis of the University Entrance Examination**  
BAKAN KALAYCIOĞLU D., KELECİOĞLU H.  
EGITIM VE BILIM-EDUCATION AND SCIENCE, vol.36, no.161, pp.3-13, 2011 (Journal Indexed in SSCI)

## Articles Published in Other Journals

- I. **The Big Fish-Little Pond Effect on Affective Factors Based on PISA 2012 Mathematics Achievement**  
Bakan Kalaycioglu D.  
JOURNAL OF MEASUREMENT AND EVALUATION IN EDUCATION AND PSYCHOLOGY-EPOD, vol.8, no.1, pp.1-14, 2017 (Journal Indexed in ESCI)
- II. **Uzman Gözüyle Açık Uçlu Sorularla Sınav**  
BAKAN KALAYCIOĞLU D., NİHAL B.  
Barkod, vol.1, no.2, pp.14-15, 2013 (National Non-Refereed Journal)

## Books & Book Chapters

- I. **YABANCI DİL SINAVLARININ EŞDEĞERLİKLERİNİN BELİRLENMESİ VE ORTAK TEK BİR SINAVIN ÖZELLİKLERİ İÇİN ÖNERİLER**  
BAKAN KALAYCIOĞLU D.  
ÖSYM, Ankara, 2013

## Refereed Congress / Symposium Publications in Proceedings

- I. **DAĞILIM ÇARPIKLIĞININ OMEGA İNDEKSİNİN PERFORMANSI ÜZERİNDEKİ ETKİLERİNİN ÇEŞİTLİ KOŞULLAR ALTINDA İNCELENMESİ**  
SÜN BÜL Ö., ÖMÜR SÜN BÜL S., BAKAN KALAYCIOĞLU D.  
6TH INTERNATIONAL CONGRESS ON MEASUREMENT AND EVALUATION IN EDUCATION AND PSYCHOLOGY, Prizren, Serbia, 5 - 08 September 2018, pp.284-286
- II. **The Role of External Ability Grouping Criteria on Uniform and Non-Uniform DIF**  
SUNA H. E., TANBERKAN SUNA H., BAKAN KALAYCIOĞLU D.  
11th Conference of the International Test Commission, Montreal, Canada, 2 - 05 July 2018
- III. **Predicting Mathematics Achievement Results from England Greece and Turkey**  
BAKAN KALAYCIOĞLU D.  
Seventeenth Annual International Conference on Education, Atina, Greece, 18 - 21 May 2015, pp.41
- IV. **Big Fish Little Pond Effect on Mathematics Self Concept in Turkey**

BAKAN KALAYCIOĞLU D.

International Congress on Education for the Future: Issues and Challenges, Ankara, Turkey, 13 - 15 May 2015

- V. **Okul ve Öğrenci Özelliklerine Göre ÖSS Sonuçlarının İncelenmesi**  
BAKAN KALAYCIOĞLU D., BERBEROĞLU H. G. , MUSTAFA A., ÜMRAN Ç., ÇETİN M., LATİFE K.  
Türkiye'nin 2023 Vizyonunda Üniversiteye Giriş Sistemi, Ankara, Turkey, 16 - 17 April 2009, pp.244-258
- VI. **Öğrenci Seçme Sınavı ÖSS Başarısı İle İlişkili Faktörlerin Modellenmesi**  
MUSTAFA A., BERBEROĞLU H. G. , BAKAN KALAYCIOĞLU D., ÜMRAN Ç., ÇETİN M., LATİFE K.  
Türkiye'nin 2023 Vizyonunda Üniversiteye Giriş Sistemi, Ankara, Turkey, 16 - 17 April 2009, pp.259-270
- VII. **The Comparison of DIF Detection Methods in the University Entrance Examination in Turkey**  
BERBEROĞLU H. G. , BAKAN KALAYCIOĞLU D.  
6th Conference of the International Test Commission., Liverpool, England, 14 - 16 July 2008
- VIII. **Using the Rasch Model for Test Equating and Standard Setting with Unweighted and Weighted Scoring**  
BAKAN KALAYCIOĞLU D., BÖRKAN B.  
Annual Conference of the Mid-Western Educational Research Association, Columbus, OH, 13 - 16 October 2004
- IX. **The Rationales of the Within-Ability-Concern Index and the Beyond-Ability-Surprise Index**  
BAKAN KALAYCIOĞLU D., DCosta A., HUANG T. W.  
Annual Conference of the Mid-Western Educational Research Association., Columbus, United States Of America, 16 - 18 October 2002

## Other Publications

- I. **2017 TUS Sonbahar Değerlendirme Raporu.**  
Bakan Kalaycioğlu D.  
Technical Report, pp.1-46, 2018
- II. **2017 TUS İlkbahar Değerlendirme Raporu.**  
Bakan Kalaycioğlu D.  
Technical Report, pp.1-44, 2018
- III. **2018 MSÜ Değerlendirme Raporu.**  
Bakan Kalaycioğlu D.  
Technical Report, pp.1-28, 2018
- IV. **2017 DGS Değerlendirme Raporu**  
Bakan Kalaycioğlu D.  
Technical Report, pp.1-46, 2018

## Citations

Total Citations (WOS):28

h-index (WOS):3

## Scholarships

2219 Yurtdışı Doktora Sonrası Araştırma Bursu, TÜBİTAK, 2013 - 2014

1416 MEB Yurtdışı Lisansüstü Öğrenim Bursu, Ministry of Education, 2002 - 2004

## Non Academic Experience

Other Public Institution, Gazi University, Eğitim Bilimleri

Other Public Institution, Gazi University, Eğitim Bilimleri

Other Public Institution, Gazi University, Eğitim Bilimleri