

## Assoc. Prof. SEVİNÇ GELMEZ BURAKGAZİ

### Personal Information

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### International Researcher IDs

ORCID: 0000-0002-4553-1433

Yoksis Researcher ID: 124906

### Biography

Dr. Gelmez-Burakgazi completed her doctorate in the Department of Educational Sciences, Curriculum and Instruction at the Middle East Technical University, where she worked as a research assistant, in 2012. During her doctorate education, she was a Visiting Scholar at the University of Wisconsin-Madison in the USA for 1 year and attended courses in the departments of "Curriculum and Instruction" and "Science and Society" in addition to her doctoral thesis research. Receiving a TUBITAK (Scientific and Technological Research Council of Turkey) scholarship with the Doctoral Scholarship Program during her doctoral education, Dr. Gelmez-Burakgazi was supported by the World Bank during her work in the USA. With her doctoral thesis titled "Connecting Science Communication to Science Education : A Phenomenological Inquiry into Multimodal Science Information Sources among 4th and 5th Graders", she was awarded the METU Thesis of the Year award by the METU Prof. Dr. Mustafa N. Parlar Education and Research Foundation. Gelmez-Burakgazi, whose research interests include teacher education, curriculum fidelity, education for sustainable development, science and society, has been working in Hacettepe University Department of Educational Sciences since 2014 and she received the title of Associate Professor in the same discipline in 2021.

With the title of "Honorary Senior Research Associate", Dr. Gelmez Burakgazi has been conducting research at UCL (University College London) since 2022.

### Education Information

Post Doctorate, University College London, Curriculum, Pedagogy and Assessment, England 2022 - Continues

Doctorate, Middle East Technical University, Faculty Of Education, Department Of Educational Sciences, Turkey 2009 - 2013

Doctorate, University of Wisconsin-Madison, Faculty Of Education, United States Of America 2011 - 2012

### Certificates, Courses and Trainings

Measurement and Evaluation, Torrance Yaratacılık Testleri Sertifikası (TTCT), University of Georgia, 2017

### Dissertations

Doctorate, CONNECTING SCIENCE COMMUNICATION TO SCIENCE EDUCATION: A PHENOMENOLOGICAL INQUIRY INTO MULTIMODAL SCIENCE INFORMATION SOURCES AMONG 4TH AND 5TH GRADERS, Orta Doğu Teknik Üniversitesi, Farmasotik Teknoloji Bölümü, Eğitim Programları Ve Öğretim, 2012

### Research Areas

Social Sciences and Humanities, Education, Curriculum Development, Curriculum Development and Teaching Methods, Teacher Training

## Academic Titles / Tasks

Associate Professor, Hacettepe University, Eğitim Fakültesi, Eğitim Bilimleri Bölümü, 2021 - Continues

Assistant Professor, Hacettepe University, Eğitim Fakültesi, Eğitim Bilimleri Bölümü, 2018 - 2021

Assistant Professor, Hacettepe University, Eğitim Fakültesi, Eğitim Bilimleri Bölümü, 2014 - 2018

Research Assistant, Middle East Technical University, Faculty Of Education, Department Of Educational Sciences, 2007 - 2013

## Courses

### Postgraduate

Program Geliştirme ve Değerlendirme 1, Postgraduate, 2016 - 2017

### Undergraduate

ÖĞRETİM İLKE VE TEKNİKLERİ, Undergraduate, 2016 - 2017

## Supervised Theses

GELMEZ BURAKGAZİ S., Erken Yaşta İngilizce Konuşma Becerisi Öğretimi ve Öğrenme: Bir Karma Desen Araştırması, Postgraduate, G.Akdeniz(Student), 2018

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Perceptions of Sustainability among Children and Teachers: Problems Revealed via the Lenses of Science Communication and Transformative Learning**  
GELMEZ BURAKGAZİ S., Reiss M. J.  
SUSTAINABILITY, vol.16, no.11, 2024 (SCI-Expanded)
- II. **Equipped or not? Investigating pre-service teachers' 21st century skills**  
GELMEZ BURAKGAZİ S., Karsantik Y., Aktan T., AYAZ M. A., Buge B. C., Karatas F., Odun S., Sanli S. V., Tarim B., Yavasca O.  
ASIA PACIFIC JOURNAL OF EDUCATION, vol.39, no.4, pp.451-468, 2019 (SSCI)
- III. **Assessing Science through Media: Uses and Gratifications among 4th and 5th Graders for Science Learning**  
GELMEZ BURAKGAZİ S., Yıldırım A.  
SCIENCE COMMUNICATION, pp.168-193, 2013 (SSCI)

## Articles Published in Other Journals

- I. **Opening Up Classroom Doors: English Teachers' Curriculum Fidelity and Adaptations**  
ARSLAN-ÇELİK F. M., GELMEZ-BURAKGAZİ S., GELMEZ-BURAKGAZİ S.  
Hayef:journal of education (Online), vol.21, no.2, pp.192-200, 2024 (Peer-Reviewed Journal)
- II. **Raising Scientists: A Phenomenological Study on Advisor - Advisee Relationships in Doctoral Education**  
Gelmez Burakgazi S., Gökalp G., Kaya Kaşıkçı S., Yıldırım H., ERCAN A. M., Yıldırım A.  
Yükseköğretim Dergisi, vol.13, no.2, pp.273-286, 2023 (ESCI)
- III. **EXAMINING THE RELATION BETWEEN SECONDARY SCHOOL TEACHERS' BELIEFS ABOUT THEIR OWN LEARNING AND THEIR INSTRUCTIONAL PRACTICES**  
GELMEZ BURAKGAZİ S., ŞAHİN İ.  
Trakya Eğitim Fakültesi Dergisi, vol.10, no.3, pp.647-667, 2020 (Peer-Reviewed Journal)
- IV. **Research on STEM Education Studies in Turkey: A Qualitative Meta-Synthesis Study**  
Yıldırım H., GELMEZ BURAKGAZİ S.  
PAMUKKALE UNIVERSİTESİ EĞİTİM FAKÜLTESİ DERGİSİ-PAMUKKALE UNIVERSITY JOURNAL OF EDUCATION, no.50,

pp.291-314, 2020 (ESCI)

- V. **Exploring Pre-Service Teachers' Perceptions about Professional Ethics in Teaching: Do Gender, Major, and Academic Achievement Matter?**  
GELMEZ BURAKGAZİ S., ŞAHİN İ., COŞKUN M.  
International Journal of Progressive Education, vol.16, no.4, pp.213-228, 2020 (Peer-Reviewed Journal)
- VI. **Erken Yaşta Yabancı Dil Öğrenimi ve Öğretimine Yönelik Bir Karma Desen Araştırması**  
Akdeniz G., GELMEZ BURAKGAZİ S.  
İnönü Eğitim Fakültesi Dergisi, vol.21, no.1, pp.62-86, 2020 (Peer-Reviewed Journal)
- VII. **Türkiye'de STEM Eğitimi Konusunda Yapılan Çalışmalar Üzerine Bir Araştırma: Meta-Sentez Çalışması**  
YILDIRIM H., GELMEZ BURAKGAZİ S.  
Pamukkale Eğitim Fakültesi Dergisi, no.50, pp.291-314, 2020 (ESCI)
- VIII. **Curriculum adaptation and fidelity: A qualitative study on elementary teachers' classroom practices**  
GELMEZ BURAKGAZİ S.  
ISSUES IN EDUCATIONAL RESEARCH, vol.30, no.3, pp.920-942, 2020 (ESCI)
- IX. **Programa Bağlılık: Kara Kutuyu Aralamak**  
GELMEZ BURAKGAZİ S.  
Başkent University Journal of Education, vol.6, no.2, pp.236-249, 2019 (Peer-Reviewed Journal)
- X. **An Investigation of Uses and Gratifications for Using Web 2.0 Technologies in Teaching and Learning Processes**  
ŞAHİN İ., GELMEZ BURAKGAZİ S., ÇELİK İ.  
International Online Journal of Education and Teaching, vol.6, no.1, pp.88-102, 2019 (Peer-Reviewed Journal)
- XI. **Development and Validation of a Professional Ethics Scale for Pre-Service Teachers**  
GELMEZ BURAKGAZİ S., ŞAHİN İ.  
International Journal of Curriculum and Instructional Studies, vol.8, no.2, pp.275-298, 2018 (Peer-Reviewed Journal)
- XII. **Volunteering: Evaluation of Community Service Learning Program**  
GELMEZ BURAKGAZİ S.  
Turkish Online Journal of Qualitative Inquiry, vol.9, no.4, pp.342-372, 2018 (Peer-Reviewed Journal)
- XIII. **KRİTİK OLAYLAR, POLİTİK DOKÜMANLAR, RAPORLAR VE ARAŞTIRMALAR IŞIĞINDA TÜRKİYE'DE BİLİM İLETİŞİMİ**  
GELMEZ BURAKGAZİ S.  
Selçuk İletişim, 2017 (Peer-Reviewed Journal)
- XIV. **Designing English-Medium Classroom Management Course for Non-Natives**  
GÖKMENOĞLU KARAKAYA T., GELMEZ BURAKGAZİ S.  
Turkish Online Journal of Qualitative Inquiry, vol.4, no.3, pp.17-33, 2013 (Peer-Reviewed Journal)

## Books

- I. **Exploring Adult Education Through Learning Theory**  
Yılmaz Fındık L., Bayram İ., Canaran Ö., Gelmez Burakgazi S., Özberk H. E., Tütüncü Saka N., Özer S.  
IGI Global, Pennsylvania, 2025

## Papers Published in Refereed Scientific Meetings

- I. **TÜRKİYE İLE İSVEÇ ÖĞRETMEN YETERLİKLERİNİN KARŞILAŞTIRILMASI**  
ERDOĞAN A., GELMEZ BURAKGAZİ S.  
EJER, 10 - 13 September 2020
- II. **Evaluating the Development of English Speaking Skills of Non-Native Primary School Students**  
Akdeniz G., GELMEZ BURAKGAZİ S.  
ICCI EPOK, 9 - 12 October 2019, pp.55-56
- III. **A Brief Look at the Connection Between Teachers' Beliefs about Their Own Learning and Instructional Practices**  
GELMEZ BURAKGAZİ S., ŞAHİN İ.

ECER 2019, 3 - 06 September 2019

- IV. **Capturing Peer Research Mentoring Experience in Undergraduate Education: A Qualitative Case Study**  
ŞAHİN İ., GELMEZ BURAKGAZİ S., ÇAPA AYDIN Y., COŞKUN M.  
International Eurasian Educational Research Congress (EJER), Ankara, Turkey, 19 - 22 June 2019
- V. **Pre-Service Teachers' Perceptions About Ethics in Teaching**  
GELMEZ BURAKGAZİ S., ŞAHİN İ., COŞKUN M.  
Teacher Education Policy in Europe (TEPE), 17 - 18 May 2019
- VI. **An Investigation of Uses and Gratifications for Using Web 2.0 Technologies in Instructional Processes**  
GELMEZ BURAKGAZİ S., CAN İ., ŞAHİN İ.  
AERA, New York, United States Of America, 13 April 2019
- VII. **Investigation of the Effectiveness of Bologna Process: Hacettepe University Education Faculty Case**  
KELECİOĞLU H., FER S., ÇOBANOĞLU AKTAN D., KIBRISLIOĞLU N., UYSAL İ., ERTUNA L., GELMEZ BURAKGAZİ S., UYSAL F., ÖZDİYAR Ö.  
6th International Conference on Education (IC-ED-2017), Zagreb, Croatia, 29 June - 01 July 2017, pp.84
- VIII. **Yükseköğretimde Bologna Sürecinin Etkililiği: Öğretim Elemanları ve Öğrenci Görüşlerine Dayalı Nitel Bir Çalışma**  
FER S., ÖZDİYAR Ö., UYSAL F., GELMEZ BURAKGAZİ S., ÇOBANOĞLU AKTAN D., KIBRISLIOĞLU N., KELECİOĞLU H., ERTUNA L., UYSAL İ.  
IV th INTERNATIONAL EURASIAN EDUCATIONAL RESEARCH CONGRESS, 11 - 14 April 2017
- IX. **Yükseköğretimde Bologna Sürecinin Etkililiği: Öğretim Elemanları ve Öğrenci Görüşlerine Dayalı Bir Nitel Çalışma**  
FER S., ÖZDİYAR Ö., UYSAL F., GELMEZ BURAKGAZİ S., ÇOBANOĞLU AKTAN D., KIBRISLIOĞLU N., KELECİOĞLU H., ERTUNA L., UYSAL İ.  
IV International Eurasian Educational Research Congress, 11 - 14 May 2017
- X. **Yükseköğretimde Bologna Sürecinin Etkililiği: Öğretim Elemanları ve Öğrenci Görüşlerine Dayalı Nitel Bir Çalışma**  
FER S., ÖZDİYAR Ö., UYSAL F., GELMEZ BURAKGAZİ S., ÇOBANOĞLU AKTAN D., KIBRISLIOĞLU N., KELECİOĞLU H., ERTUNA L., UYSAL İ.  
IVth International Eurasian Educational Research Congress, Denizli, Turkey, 11 - 14 May 2017
- XI. **Yükseköğretimde Bologna Sürecinin Etkililiği: Öğretim Elemanları ve Öğrenci Görüşlerine Dayalı Nitel Bir Çalışma.**  
FER S., ÖZDİYAR Ö., UYSAL F., GELMEZ BURAKGAZİ S., ÇOBANOĞLU AKTAN D., KIBRISLIOĞLU N., KELECİOĞLU H., ERTUNA L., UYSAL İ.  
IVth International Eurasian Educational Research Congress, 11 - 14 May 2017
- XII. **Scale Development for Pre-Service Teachers' Perceptions Towards Professional Ethics**  
GELMEZ BURAKGAZİ S., ŞAHİN İ.  
ICCI EPOK, 27 - 30 October 2016
- XIII. **Scientists' Views of Science Communication in Turkey**  
GELMEZ BURAKGAZİ S., Lewenstein B.  
PCST 2016, 26 - 28 April 2016
- XIV. **How Science is Communicated to Students: Parents and Teachers Views on Students Science Information Sources**  
GELMEZ BURAKGAZİ S., YILDIRIM A.  
ESERA, Helsinki, Finland, 31 August - 02 September 2015
- XV. **Cognitive, Affective, Social and Physical Effects of the Comprehensive Exam: A Grounded Theory Study**  
GELMEZ BURAKGAZİ S., YILDIRIM A.  
World Education Research Association (WERA), 19 - 21 October 2014
- XVI. **Learning Science through Mass Media: A Phenomenological Inquiry into 4th and 5th Graders' Experience**  
GELMEZ BURAKGAZİ S., YILDIRIM A.  
American Educational Research Association (AERA), 3 - 07 April 2014
- XVII. **Exploring the Predictors of Doctoral Students' Academic Satisfaction.**  
ÇAPA AYDIN Y., Aksöz İ., GELMEZ BURAKGAZİ S., TOPLU DEMİRTAŞ E.  
European Conference on Educational Research (ECER), 12 - 16 September 2011
- XVIII. **Öğretim elemanlarının öğretim tasarım yaklaşımları: ODTU örneği**  
GELMEZ BURAKGAZİ S., GÖKMENOĞLU KARAKAYA T.

## Supported Projects

GELMEZ BURAKGAZİ S., YILDIRIM A., FEİNSTEİN N., Project Supported by Higher Education Institutions, Öğrenmeye Etki Etmek İçin Bilim İletişimi: 4. ve 5. Sınıf Öğrencilerinin Bilimsel Bilgi Kaynakları Hakkındaki Algıları Üzerine Bir Olgubilim Çalışması, 2016 - 2017

GELMEZ BURAKGAZİ S., Project Supported by Higher Education Institutions, Bilim İletişimcileri Olarak Öğretmen Adayları, 2016 - 2017

FER S., UYSAL F., DEMİRCAN S., KIBRISLIOĞLU N., ERTUNA L., ÇOBANOĞLU AKTAN D., KELECİOĞLU H., ÖZDİYAR Ö., UYSAL İ., GELMEZ BURAKGAZİ S., Project Supported by Higher Education Institutions, Hacettepe Üniversitesi Eğitim Fakültesi ve Eğitim Bilimleri Enstitüsü öğretim programlarının Bologna Süreci açısından etkililiğinin değerlendirilmesi, 2016 - 2017

GELMEZ BURAKGAZİ S., LEWENSTEİN B., Project Supported by Higher Education Institutions, Bilim İnsanlarının Bilim İletişimi Üzerine Görüşleri, 2016 - 2016

GELMEZ BURAKGAZİ S., YILDIRIM A., Project Supported by Higher Education Institutions, Bilim Nasıl Öğrencilere İletilir Ebeveyn ve Öğretmenlerin Öğrencilerin Bilimsel Bilgi Kaynaklarına İlişkin Görüşleri, 2015 - 2016

## Metrics

Publication: 36

Citation (Scopus): 9

H-Index (WoS): 10

H-Index (Scopus): 2

## Invited Talks

Transformative Education for Sustainable Development , Seminar, Middle East Technical University, Turkey, December 2023

Sustainable Teaching and Learning, Seminar, Hacettepe University, Turkey, April 2023

Workshop on Experimental Pedagogies in Science, Technology and Society, Conference, Ihsan Dogramaci Bilkent University, Turkey, January 2020

## Scholarships

Bilim İnsanı Destekleme, TUBITAK, 2012 - Continues

Doktora Araştırma Bursu, World Bank, 2011 - Continues

## Awards

GELMEZ BURAKGAZİ S., Yılıın Doktora Tezi, ODTÜ & M. Parlar Vakfı, April 2013

GELMEZ BURAKGAZİ S., Bilim İletişimcisi Ödülü, NTV & British Council, May 2008

## Non Academic Experience

University College of London, Honorary Senior Research Associate

Cornell University, Araştırmacı

Cardiff Üniversitesi, Program uzmanı

Wisconsin Madison Üniversitesi, Ziyaretçi Araştırmacı

University of Cambridge, Araştırmacı