Assoc. Prof. BEHZAT BEKTAŞLI

Personal Information

Office Phone: +90 312 780 5121
Email: bektasli@hacettepe.edu.tr
Web: https://avesis.hacettepe.edu.tr/bektasli

International Researcher IDs
ORCID: 0000-0002-5789-758X
Publons / Web Of Science ResearcherID: I-8772-2013
Yoksis Researcher ID: 170603

Education Information

Doctorate, The Ohio State University, College Of Education, Science Education, United States Of America 2002 - 2006
Masters (Non-Thesis), The Ohio State University, College Of Education, Science Education, United States Of America 2000 - 2002
Undergraduate, Cukurova University, Fen, Fizik, Turkey 1990 - 1995

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, The Relationships between Spatial Ability, Logical Thinking, Mathematic Performance and Kinematics Graphs Interpretation Skills of 12th Grade Physics Students, Ohio State University, Science Education, 2006

Research Areas

Social Sciences and Humanities, Education, Education in Natural Sciences, Education in Physics

Academic Titles / Tasks

Assistant Professor, Hacettepe University, Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, 2017 - 2017
Assistant Professor, Hacettepe University, Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, 2013 - 2017
Lecturer PhD, Hacettepe University, Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, 2007 - 2013

Courses

ASTRONOMİ, Undergraduate, 2016 - 2017
FEN ÖĞRETİMİ LAB UYGULAMALARI I, Undergraduate, 2016 - 2017
ÖĞRETMENLİK UYGULAMASI, Undergraduate, 2016 - 2017

Genel Fizik III Lab, Undergraduate, 2016 - 2017
FEN BİLGİSİ LAB UYG II, Undergraduate, 2016 - 2017
GENEL FİZİK III, Undergraduate, 2016 - 2017
OKUL DENEYİMİ, Undergraduate, 2016 - 2017
FEN ÖĞRETMENLERİ İÇİN ASTRONOMİ, Postgraduate, 2016 - 2017
MODERN FİZİĞE GİRİŞ, Undergraduate, 2016 - 2017
TOPLUMA HİZMET UYGULAMALARI, Undergraduate, 2016 - 2017

Published journal articles indexed by SCI, SSCI, and AHCI

I. **The Development of Astronomy Concept Test for Determining Preservice Science Teachers' Misconceptions About Astronomy**
Bektasli B.
EGITIM VE BILIM-EDUCATION AND SCIENCE, vol.38, no.168, pp.362-372, 2013 (SSCI)

II. **The Relationships Between Logical Thinking, Gender, and Kinematics Graph Interpretation Skills**
BEKTAŞLI B., White A. L.
EGITIM ARASTIRMALARI-EURASIAN JOURNAL OF EDUCATIONAL RESEARCH, vol.12, no.48, pp.1-19, 2012 (SSCI)

III. **Consistency of Students' Ideas about the Concept of Rate across Different Contexts**
BEKTAŞLI B., ÇAKMAKCI G.
EGITIM VE BILIM-EDUCATION AND SCIENCE, vol.36, no.162, pp.273-287, 2011 (SSCI)

Articles Published in Other Journals

I. **The relationship between science teachers' attitude toward astronomy and their understanding of basic astronomy concepts**
Bektaşlı B.
International Journal of Progressive Education, vol.12, no.1, pp.108-116, 2016 (Peer-Reviewed Journal)

II. **In-Service Science Teachers' Astronomy Misconceptions**
BEKTAŞLI B.
Mediterranean Journal of Educational Research, vol.15, pp.1-10, 2014 (Peer-Reviewed Journal)

III. **The Effect of Media on Preservice Science Teachers' Attitudes toward Astronomy and Achievement in Astronomy Class**
BEKTAŞLI B.
TOJET: The Turkish Online Journal of Educational Technology, vol.12, no.1, pp.139-146, 2013 (Peer-Reviewed Journal)

Books & Book Chapters

I. **Astronomi eğitiminde kavram yanılgıları**
Bektaşlı B.
in: Etkinliklerle astronomi öğretimi, Sedat Karaçam, Editor, Palme, Ankara, pp.5-20, 2021

II. **Dünya, Ay ve Güneş**
Bektaşlı B.
in: Astronomi, Mehmet Altan Kurnaz, Editor, Pegem, Ankara, pp.129-166, 2019

III. **Astronomi Eğitimi**
Bektaşlı B.
in: Fen Bilimleri Öğretimi ve STEM Etkinlikleri, Ahmet Tekbıyık & Gültekin Çakmakcı, Editor, Nobel, Ankara, pp.305-322, 2018

Refereed Congress / Symposium Publications in Proceedings

I. **The connection between students astronomy knowledge and their attitudes toward astronomy course**
Bektaşlı B.
Twelfth International Congress of Qualitative Inquiry, Illinois, United States Of America, 18 - 21 May 2016, pp.1-2

II. **Comparison of Pre service and In service Science Teachers Attitudes toward Astronomy**
Bektaşlı B.
8. ULUSLARARASI EĞİTİM ARAŞTIRMALARI KONGRESİ, Çanakkale, Turkey, 5 - 08 May 2016, pp.1-2

III. **Fen Bilgisi Öğretmenlerinin Astronomi Yeterlilikleri**
Bektaşlı B.
2. Ulusal Fizik Eğitimi Kongresi, Ankara, Turkey, 10 - 12 September 2015, pp.1-2

IV. **The Development of Astronomy Concept Test for Determining Preservice Science Teachers Misconceptions About Astronomy**
Bektaşlı B.
IETC International Educational Technology Conference, Kuala-Lumpur, Malaysia, 13 - 15 May 2013, pp.1-2

V. **From Idea to Reality: Establishing Science Centers for Pre-service Teachers**
KAPTAN F., HAKVERDİ CAN M., SÖNMEZ D., BEKTAŞLI B., BAYRAM Z., BATI K., ALBAYRAK SARI A.
The International Symposium on Science Centers and Sustainable Development, İstanbul, Turkey, 11 - 13 June 2012

VI. **Consistency of Students Ideas about the Concept of Rate across Different Contexts**
Bektaşlı B., Çakmakcı G.
National Association for Research in Science Teaching, Florida, United States Of America, 3 - 06 April 2011, pp.1-2

VII. **Relationship Between Logical Thinking and Kinematics Graph Interpretation Skills**
Bektaşlı B.
School Science and Mathematics Association, Florida, United States Of America, 4 - 06 November 2010, pp.1-2

VIII. **Evaluation of Test of Understanding Graphs in Kinematics TUG K**
Bektaşlı B.
School Science and Mathematics Association, Indiana, United States Of America, 15 - 17 November 2007, pp.1-2

IX. **How Student Spatial Ability is Related to Graphical Displays in Physics Classroom**
Bektaşlı B.
School Science and Mathematics Association, Indiana, United States Of America, 15 - 17 November 2007, pp.1-2

X. **The Relationship Between High School Students Physics Performance Graph Construction and Interpretaiton Abilities**
Bektaşlı B.
School Science and Mathematics Association, Texas, United States Of America, 10 - 12 November 2005, pp.1-2

XI. **A Critical Look at Elemantary and Middle School Pre Service Science Teachers Experiences in Science Teaching**
Bektaşlı B.
School Science and Mathematics Association, Texas, United States Of America, 10 - 12 November 2005, pp.1-2

XII. **Students Performances on Test of Understanding Graphs in Kinematics TUG K**
Bektaşlı B.
School Science and Mathematics Association, Texas, United States Of America, 10 - 12 November 2005, pp.1-2

XIII. **A look at environmental education through science teachers perspectives and textbooks coverage**
Bektaşlı B., Oğuz Ünver A., Adadan E., Yalçınoğlu P.
School Science and Mathematics Association, Georgia, United States Of America, 21 - 23 October 2004, pp.1-2

XIV. **Students Understanding of Kinematics Graphs**
Bektaşlı B.
School Science and Mahematics Association, Georgia, United States Of America, 21 - 23 October 2004, pp.1-2

XV. **Do Students Successfully Use Graphs in Kinematics?**
Bektaşlı B.

School Science and Mathematics Association Conference, Ohio, United States Of America, 9 - 11 October 2003, pp.1-2

Supported Projects

BEKTAŞLI B., Project Supported by Higher Education Institutions, ÖĞRETMEN ADAYLARININ UZAMSAL GÖRSELLEŞTİRME YETENEKLERİ VE GÖKCİSİMLERİNİN HAREKETLERİNİ ZİHİNDE CANLANDIRMA YETENEKLERİ ARASINDAKİ İLİŞKİ, 2017 - 2018
BEKTAŞLI B., Project Supported by Higher Education Institutions, Fen Öğretmen Adaylarının ve Fen Öğretmenlerinin Astronomiye Karşı Tutumlarının Karşılaştırılması, 2016 - 2017
BEKTAŞLI B., Project Supported by Higher Education Institutions, Öğrencilerin astronomi bilgileri ve astronomiye karşı tutumları arasındaki ilişki., 2016 - 2017
BEKTAŞLI B., Project Supported by Higher Education Institutions, Fen Bilgisi Öğretmen Adaylarının Astronomi Konularındaki Kavramsal Yeterlilikleri, 2015 - 2017

Metrics

Publication: 24
Citation (WoS): 15
Citation (Scopus): 15
H-Index (WoS): 2
H-Index (Scopus): 2

Non Academic Experience

The Ohio State University
Somuncubaba Lisesi