

Prof. ÖMER DELİALIOĞLU

Personal Information

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Education Information

Doctorate, Middle East Technical University, Faculty of Education, Department of Computer Education and Instructional Technology, Turkey 1998 - 2004

Post Graduate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Fen Bilimleri Eğitimi (YI) (Tezli), Turkey 1993 - 1996

Under Graduate, Middle East Technical University, Faculty of Education, Fizik Öğretmenliği, Turkey 1988 - 1993

Dissertations

Doctorate, Effectiveness of hybrid instruction on certain cognitive and affective learning outcomes in a computer networks course, Middle East Technical University, Faculty of Education, Department of Computer Education and Instructional Technology, 2004

Post Graduate, Contribution of students logical thinking ability, mathematical skills and spatial ability to achievement in secondary school physics, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Ortaöğretim Fen Ve Matematik Alanları Eğitimi (YI) (Tezli), 1996

Research Areas

Social Sciences and Humanities, Education, Computer Education and Instructional Technology

Academic Titles / Tasks

Professor, Middle East Technical University, Faculty Of Education, Department Of Computer Education And Instructional Technology, 2019 - Continues

Associate Professor, Middle East Technical University, Faculty Of Education, Bilgisayar Ve Öğretim Teknolojileri Eğitimi, 2013 - 2019

Assistant Professor, Middle East Technical University, Faculty of Education, Bilgisayar Ve Öğretim Teknolojileri Eğitimi, 2011 - 2013

Expert, Middle East Technical University, Faculty of Education, Bilgisayar Ve Öğretim Teknolojileri Eğitimi, 1998 - 2011

Expert, Middle East Technical University, Presidency Office, Sürekli Eğitim Merkezi, 1994 - 1998

Professional Experience

Rector's Advisor, Middle East Technical University, Presidency Office, 2019 - Continues

Deputy Director of the Center, Middle East Technical University, Sürekli Eğitim Merkezi, 2018 - Continues
Head of Department, Middle East Technical University, Faculty Of Education, Department Of Computer Education And Instructional Technology, 2018 - 2019

Advising Theses

- DELİALİOĞLU Ö., Investigating the design, development, and evaluation of a high-tech Alternative and Augmentative Communication (AAC) application for communication needs of individuals with Autism Spectrum Disorders, Doctorate, H.Polat(Student), 2018
- DELİALİOĞLU Ö., Investigating stages of concern and technology integration self-efficacy beliefs of English language pre-service teachers, Doctorate, H.Kayaduman(Student), 2017
- DELİALİOĞLU Ö., Augmented reality activities for children: A comparative analysis on understanding geometric shapes and improving spatial skills, Doctorate, Z.Gecü(Student), 2017
- DELİALİOĞLU Ö., The comparison of teachers and students opinions on the use of social networking sites for educational purposes in a private high school, Post Graduate, S.Karabulut(Student), 2017
- DELİALİOĞLU Ö., SAVAŞ P., Investigating the effectiveness of a mobile device supported learning environment on English preparatory school students' vocabulary acquisition, Doctorate, Ş.Bakay(Student), 2017
- DELİALİOĞLU Ö., An investigation of student engagement, motivation and attitudes towards course content in a mobile-learning enhanced course, Doctorate, Y.Alioon(Student), 2016
- DELİALİOĞLU Ö., The comparison of web and mobile interfaces of a learning management system in terms of perceived aesthetics, Post Graduate, N.Kılınç(Student), 2016
- DELİALİOĞLU Ö., Using a mobile learning application for troubleshooting the technical problems: A case study, Post Graduate, Y.Murat(Student), 2015
- DELİALİOĞLU Ö., Using computer network simulation programs: Exploration of students' attitude, motivation and learning, Post Graduate, H.Güllü(Student), 2015
- DELİALİOĞLU Ö., Effectiveness of a security portal for improving students knowledge and skills in it security, Post Graduate, N.Pancar(Student), 2014
- DELİALİOĞLU Ö., Students' perceptions about the use of a question-answer system via mobile devices in a lecture-based learning environment, Post Graduate, A.Hatun(Student), 2014

Designed Lessons

Delialioğlu Ö., Fundamentals of Routing and Switching, Under Graduate, 2019 - 2020

Taught Courses And Trainings

Delialioğlu Ö., Bilgisayar Ağları Eğitimi (CCNA), 2018 - 2019

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

- **Augmented reality-based virtual manipulatives versus physical manipulatives for teaching geometric shapes to preschool children**
Gecu-Parmaksiz Z., DELİALİOĞLU Ö.
BRITISH JOURNAL OF EDUCATIONAL TECHNOLOGY, vol.50, pp.3376-3390, 2019 (Journal Indexed in SSCI)
- **The effect of authentic m-learning activities on student engagement and motivation**
Alioon Y., DELİALİOĞLU Ö.
BRITISH JOURNAL OF EDUCATIONAL TECHNOLOGY, vol.50, pp.655-668, 2019 (Journal Indexed in SSCI)
- **A question-answer system for mobile devices in lecture-based instruction: a qualitative analysis of**

student engagement and learning

ATAŞ A. H. , DELİALIOĞLU Ö.

● INTERACTIVE LEARNING ENVIRONMENTS, vol.26, pp.75-90, 2018 (Journal Indexed in SSCI)

The effect of students' subject discipline on their m-learning application preferences

DELİALIOĞLU Ö., Alioon Y.

● INTERACTIVE LEARNING ENVIRONMENTS, vol.24, pp.1957-1966, 2016 (Journal Indexed in SSCI)

Supporting students' knowledge and skills in information technology security through a security portal

Ciftci N. P. , DELİALIOĞLU Ö.

● INFORMATION DEVELOPMENT, vol.32, pp.1417-1427, 2016 (Journal Indexed in SSCI)

Student Engagement in Blended Learning Environments with Lecture-Based and Problem-Based Instructional Approaches

DELİALIOĞLU Ö.

● EDUCATIONAL TECHNOLOGY & SOCIETY, vol.15, pp.310-322, 2012 (Journal Indexed in SSCI)

FACTORS IMPACTING ADULT LEARNER ACHIEVEMENT IN A TECHNOLOGY CERTIFICATE PROGRAM ON COMPUTER NETWORKS

DELİALIOĞLU Ö., Cakir H., Bichelmeyer B. A. , Dennis A. R. , Duffy T. M.

● TURKISH ONLINE JOURNAL OF EDUCATIONAL TECHNOLOGY, vol.9, pp.97-107, 2010 (Journal Indexed in SSCI)

Design and development of a technology enhanced hybrid instruction based on MOLTA model: Its effectiveness in comparison to traditional instruction

DELİALIOĞLU Ö., Yidirim Z.

● COMPUTERS & EDUCATION, vol.51, pp.474-483, 2008 (Journal Indexed in SCI)

Comparison of Students Success in an International Technology Certificate Program Uluslararası Bir Teknoloji Sertifika Programında Öğrenci Başarılarının Karşılaştırılması

DELİALIOĞLU Ö., ÖNCÜ S., ÇAKIR H.

● Hacettepe Üniversitesi Eğitim Fakültesi Dergisi, pp.75-86, 2008 (Journal Indexed in SSCI)

Design and Development of a Technologically Enhanced Hybrid Instruction Based On MOLTA Model Its Effectiveness in Comparison to Traditional Instruction

DELİALIOĞLU Ö., YILDIRIM Z.

● Computers and Education, vol.51, pp.474-483, 2008 (Journal Indexed in SSCI)

Students' perceptions on effective dimensions of interactive learning in a blended learning environment

Delialioğlu O., Yildirim Z.

● EDUCATIONAL TECHNOLOGY & SOCIETY, vol.10, pp.133-146, 2007 (Journal Indexed in SSCI)

Articles Published in Other Journals

● **A Systematic Review on the Use of Technology in Learning Disabilities**

Doğan S., Delialioğlu Ö.

ANKARA UNIVERSİTESİ EĞİTİM BİLİMLERİ FAKÜLTESİ ÖZEL EĞİTİM DERGİSİ-ANKARA UNIVERSITY FACULTY OF EDUCATIONAL SCIENCES JOURNAL OF SPECIAL EDUCATION, vol.21, pp.611-638, 2020 (Other Refereed National Journals)

● **Evaluation of information technology certificate programs in terms of 21st century skills**

ÇAKIR H., DELİALIOĞLU Ö., ÖZGÜL E.

● Journal of Human Sciences, vol.16, pp.998-1013, 2019 (Other Refereed National Journals)

● **The Effect of Computer Network Simulators on Students' Motivation and Learning**

Güllü H., DELİALIOĞLU Ö.

● Journal of Learning and Teaching in Digital Age, vol.3, pp.12-21, 2018 (Other Refereed National Journals)

● **Investigating Pre-Service English Teachers Stages of Concern toward Using Wiki**

KAYADUMAN H., DELİALIOĞLU Ö.

- Mersin Üniversitesi Eğitim Fakültesi Dergisi, vol.12, pp.588-600, 2016 (Other Refereed National Journals)
Perceived need for course topics and student engagement in computer education
ÖNCÜ S., ŞENGEL E., DELİALİOĞLU Ö.
- Uludağ Üniversitesi Eğitim Fakültesi Dergisi, vol.26, pp.46-69, 2013 (Other Refereed National Journals)
Design Development and Implementation of a Web Based Support Material for English as Second Language
DURDU L., ÖZDEN M. Y. , DELİALİOĞLU Ö.
The Journal of Instructional Technologies & Teacher Education, vol.1, pp.84-110, 2012 (Other Refereed National Journals)
- **Technology Enhanced Learning Environments for Closing the Gap in Student Achievement Between Regions Does it Work**
ÇAKIR H., DELİALİOĞLU Ö., Dennis A., Duffy T.
AAACE Journal, vol.17, pp.301-315, 2009 (Refereed Journals of Other Institutions)
- **Critical Components for Technology Integration How do Instructors Make Decisions**
ÖNCÜ S., DELİALİOĞLU Ö., Brown C. A.
Journal of Computers in Mathematics and Science Teaching, vol.27, pp.19-46, 2008 (Refereed Journals of Other Institutions)
- **Contribution of Students Mathematical Skills and Spatial Ability to Achievement in Secondary School Physics**
DELİALİOĞLU Ö., AŞKAR P.
Hacettepe Üniversitesi Eğitim Fakültesi Dergisi, pp.34-39, 1999 (Other Refereed National Journals)

Books & Book Chapters

- **Beyond Acceptance:A New Model for TechnologyEngagement in 21st Century Learning**
BULUT İ. H. , DELİALİOĞLU Ö., Lane H. C.
in: Handbook of Research on Digital Learning, Montebello Matthew, Editor, IGI Global, Hershey, PA, USA, pp.262-283, 2019

Refereed Congress / Symposium Publications in Proceedings

- **Introduction of educational technology engagement model**
BULUT İ. H. , DELİALİOĞLU Ö.
27th International Conference on Computers in Education, Kenting, TAYVAN, 2 - 06 December 2019, pp.152-157
- **A Turkish EFL teacher's change processes through an OPD program: A case study**
SONGÜL B. C. , DELİALİOĞLU Ö., ÖZKÖSE BIYIK Ç.
27th International Conference on Computers in Education, KENTING, TAYVAN, 2 - 06 December 2019, pp.634-643
- **Examining the design of a mobile alternative and augmentative communication system for individuals with ASD**
POLAT H., DELİALİOĞLU Ö.
13th International Computer and Instructional Technology Symposium, Kırşehir, Turkey, 2 - 04 May 2019, pp.73-74
- **Investigating the effect of a mobile alternative and augmentative communication application on communication skills of individuals with ASD**
POLAT H., DELİALİOĞLU Ö.
13th International Computer and Instructional Technology Symposium, Kırşehir, Turkey, 2 - 04 May 2019, pp.75-76
- **What if we were twice as close to the sun?**
DELİALİOĞLU Ö.

Proceedings of the 14th International Conference on the Foundations of Digital Games - FDG 'xx19, San Luis Obispo, California, 26 - 30 August 2019

● **An Investigation of Turkish EFL Teachers' Development through an Online Professional Development Program**

SONGÜL B. C. , DELİALİOĞLU Ö., Ozkose Biyik C.

26th INTERNATIONAL CONFERENCE ON COMPUTERS IN EDUCATION, Metro Manila, Philippines, 26 - 30 November 2018, pp.647-656

● **Aesthetics of Web and Mobile Interfaces of a Learning Management System: A Comparative Analysis**

Kilinc N., DELİALİOĞLU Ö.

26th INTERNATIONAL CONFERENCE ON COMPUTERS IN EDUCATION, Metro Manila, Philippines, 26 - 30 November 2018, pp.422-427

● **Otizimli Bireylere İletişim Becerisi Kazandırmak için Kullanılan Alternatif ve Destekleyici Mobil Uygulamaların Tasarım İlkelerinin İncelenmesi: Literatür Taraması**

POLAT H., DELİALİOĞLU Ö.

FATİH Projesi Eğitim Teknolojileri Zirvesi, Ankara, Turkey, 2 - 03 November 2018

● **Technology usage in specific learning disabilities: A Systematic literature review**

Doğan S., Delialioğlu Ö.

International Computer Instructional Technologies Symposium, İzmir, Turkey, 2 March - 04 May 2018

● **Identifying Important Topics on Information Security, Cyber Security and Cyber Ethics in Schools**

ASLAN O., DELİALİOĞLU Ö.

12th International Computer Instructional Technologies Symposium, İzmir, Turkey, 2 - 04 May 2018

● **Investigation of a Bi-Directional Question-Answer System and its Instructional Implications**

ATAŞ A. H. , DELİALİOĞLU Ö.

AECT International Convention 2017, 7 - 11 November 2017

● **Effect of Learning Technology by Design (LBD) Activities on Technology Integration Self-Efficacy Beliefs of Pre-Service English Teachers**

KAYADUMAN H., DELİALİOĞLU Ö.

EdMedia: World Conference on Educational Media and Technology 2017, Washington, United States Of America, 20 - 23 June 2017, pp.843-849

● **Comparing Course Engagement for Turkish Vocational Education Students: Cisco vs.Comparison Group**

DELİALİOĞLU Ö., ÇELİK B., ATAŞ A. H.

ICSS12th International Conference on Social Sciences, Amsterdam, Netherlands, 19 - 20 May 2017, pp.578

● **Design of mobile Applications for the Communication Needs of Individuals with Autism Spectrum Disorders**

POLAT H., DELİALİOĞLU Ö.

11th International Computer and Instructional Technology Symposium, Malatya, Turkey, 24 - 26 April 2017

● **Perceptions of K 12 Students and Teachers on Using Social Network Sites in Instruction**

Karabulut S., DELİALİOĞLU Ö.

2016 AECT International Convention, 17 - 21 October 2016

● **The Effect of Computer Network Simulator on Students Motivation and Learning**

DELİALİOĞLU Ö., Güllü H.

2016 AECT International Convention, 17 - 21 October 2016

● **Investigating the Parents Thoughts about the Effects of Digital Games on Children**

SAĞLAM M., KAYADUMAN H., DELİALİOĞLU Ö.

Society for Information Technology & Teacher Education International Conference 2016, 21 - 24 March 2016, pp.605-610

● **Teacher s Perceived Knowledge and Skills in Information Technology Security**

DELİALİOĞLU Ö., Pancar Çiftçi N.

2015 AECT International Convention, 3 - 07 November 2015

● **A Review of Literature on Mobile Question Answer Systems Subject Matter Teaching Strategy**

Context and Student Perception

ATAŞ A. H. , DELİALİOĞLU Ö.

2015 AECT International Convention, 3 - 07 November 2015

Evaluation of Edmodo as a Social Learning Platform Results of the Pilot Study

BULUT İ. H. , DELİALİOĞLU Ö.

2015 AECT International Convention, 3 - 07 November 2015

Student Perceptions and Readiness on Using a Mobile Application for Vocabulary Acquisition

BAKAY Ş., DELİALİOĞLU Ö., SAVAŞ P.

Global Learn 2015, Berlin, Germany, 16 - 17 April 2015, pp.687-693

A Frame for the Literature on M-learning

ALİOON Y., DELİALİOĞLU Ö.

4th World Conference on Educational Technology Researches (WCETR), Barcelona, Spain, 28 - 29 November 2014, vol.182, pp.127-135

Acceptance of a Mobile Question Answer System Tool Application of the UTAUT Model

DELİALİOĞLU Ö., ATAŞ A. H. , Aldemir T.

8th International Computer Instructional Technologies Symposium, Turkey, 15 - 17 September 2014

Student Preferences for M Learning Application Characteristics

DELİALİOĞLU Ö., ALİOON Y.

10th International Conference Mobile Learning 2014, 28 February - 02 March 2014

Implementation of an Online Question Answer Q A System as a Mobile Learning Tool

ATAŞ A. H. , DELİALİOĞLU Ö.

World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2013, 21 - 24 October 2013, pp.581-586

THIRD-PERSON EFFECT IN VIOLENT VIDEO GAMES

Bulut I. H. , Bakay S., DELİALİOĞLU Ö.

5th International Conference on Education and New Learning Technologies (EDULEARN), Barcelona, Spain, 1 - 03 July 2013, pp.1050-1054

ENGLISH AS FOREIGN LANGUAGE (EFL) STUDENTS' READINESS AND PERCEPTIONS TOWARDS MOBILE LEARNING

Bakay S., Bulut I. H. , DELİALİOĞLU Ö.

5th International Conference on Education and New Learning Technologies (EDULEARN), Barcelona, Spain, 1 - 03 July 2013, pp.251-257

English as Foreign Language EEFL Students Readiness and Perceptions Towards Mobile Learning

BAKAY Ş., BULUT İ. H. , DELİALİOĞLU Ö.

EDULEARN13 Conference, 1 - 03 July 2013, pp.251-257

Information Age Qualities of Principals Teachers and Students in Turkish Vocational High Schools A Systemic Change Approach

DELİALİOĞLU Ö.

Proceedings of AECT 2011 Conference, 1 - 04 October 2011, pp.265-273

Project Based Learning in Technology Based Instructional Material Development Process Prospective Foreign Language Teachers

YILDIRIM Z., DELİALİOĞLU Ö., AŞKUN C. S.

The European Conference on Educational Research 2011, 5 - 08 July 2011, pp.10

Factors Affecting Student Engagement in a Blended Learning Environment

DELİALİOĞLU Ö., ÇAKIR H.

World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2009, 10 - 14 October 2009, pp.2409-2414

Can Blended Learning Close the Student Achievement Gap between Regions The CCNA Case

ÇAKIR H., DELİALİOĞLU Ö., Dennis A., Duffy T.

Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2008, 15 - 20 October 2008, pp.2529-2535

● **HOW DOES PRIOR KNOWLEDGE AFFECT STUDENT ENGAGEMENT IN UNDERGRADUATE LEVEL COMPUTER LITERACY CLASSES?**

ÖNCÜ S., ŞENGEL E., DELİALIOĞLU Ö.

International Educational Technology Conference 2008, Turkey, 6 - 08 May 2008, pp.1306-1310

● **Investigation of Source of Motivation in a Hybrid Course**

DELİALIOĞLU Ö.

AECT 2004 Conference, 8 - 12 October 2004, pp.265-273

● **What Computer Education Instructional Technology Means to pre service teachers A case study of a Turkish State University**

DELİALIOĞLU Ö.

Society for Information Technology Teacher Education International Conference 2000, United States Of America, 1 - 04 November 2000, pp.924-927

Supported Projects

Delialioğlu Ö., Erasmus Project, Gençlerle Uygulamalı Girişimcilik ve Bilişim Eğitimi 2018-2-TR01-KA347-060411, 2018 - 2019

DELİALIOĞLU Ö., AŞKUN C. S. , Project Supported by Higher Education Institutions, Sosyal Ağların Eğitime Etkisinin 3-Ö (Öğretim-Öğretmen-Öğrenci) Boyutuyla İncelenmesi, 2013 - 2015

DELİALIOĞLU Ö., PANCAR N., Project Supported by Higher Education Institutions, İlk Ve Orta Dereceli Okullarda Bilgi Ve Ağ Güvenliği Konularındaki Bilgi Ve Beceri Düzeylerinin Belirlenmesi Ve Artırılması., 2012 - 2014

YILDIRIM Z., ATAŞ A. H. , AŞKUN C. S. , DELİALIOĞLU Ö., Project Supported by Higher Education Institutions, Mobil Destekli Kesintisiz Öğrenme Uygulamalarının Geliştirilmesi Ve Etkinliğinin Bilişsel Yük Kuramı Çerçevesinde Değerlendirilmesi., 2012 - 2013

Citations

Total Citations (WOS):167

h-index (WOS):5

Scholarships

2219 YURT DIŞI DOKTORA SONRASI ARAŞTIRMA BURS PROGRAMI, TUBITAK, 2018 - 2018

Visiting Scholar Program, Fulbright Program, 2017 - 2018