

CURRICULUM VITA

PROFESSOR AYTAC GOGUS



PERSONAL DATA:

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RECENT POSITIONS:

Dean, Faculty of Education at Istanbul Okan University since July 1, 2020.

Department Chair & Professor of Educational Science Department at Istanbul Okan University since March 1, 2015.

Promoted to Professorship in Educational Science at Istanbul Okan University on May 22, 2019.

Promoted to Associate Professorship Degree in Educational Science by Interuniversity Board in Turkey on January 24, 2014.

Educational Researcher in Academic Support Program at Sabanci University, Center for Individual and Academic Development since September 10, 2007 – February 28, 2015.

Visiting Research Scholar at the Department of Curriculum & Instruction of the Judith Herb College of Education at University of Toledo July 21, 2014 – January 20, 2015.

EDUCATION:

Institutions	Years	Major Field	Degree Earned
Syracuse University, NY	May 2006 - May 2007	Instructional Design, Development, and Evaluation (IDD&E)	Post-Doctoral Fellow
Syracuse University, NY	May 2001- May 2006	Instructional Design, Development, and Evaluation (IDD&E)	Doctoral Degree in Education
Syracuse University, NY	August 1999 - May 2001	Instructional Design, Development, and Evaluation (IDD&E)	Master of Science in Education
Middle East Technical University, Ankara, Turkey	September 1996 - January 1999	Mathematics	Master of Science
Gazi University, Ankara, Turkey	September 1990 - June 1994	Mathematics	Bachelor of Science (The First-degree)

DOCTORAL DISSERTATION TITLE IN INSTRUCTIONAL DESIGN, DEVELOPMENT, AND EVALUATION (IDD&E), SCHOOL OF EDUCATION, SYRACUSE UNIVERSITY, USA:

Gogus, Aytaç. (May 2006) Individual and situational factors that influence teachers' perspectives and perceptions about the usefulness of graphing calculators for student success. Dissertation in Instructional Design, Development, and Evaluation Program, School of Education, Syracuse, NY. Dissertation Committee: Prof. Dr. J. Michael Spector (chair), Assoc. Prof. Dr. Tiffany A. Koszalka, Prof. Dr. Robert C. Bogdan, & Dr. Frank P. Ambrosie.

MASTER THESIS IN MATHEMATICS DEPARTMENT AT MIDDLE EAST TECHNICAL UNIVERSITY, TURKEY:

Simsek, Aytaç. (Jan 1999). On Isomorphic Classification of Cartesian Products of l p- Finite and l q-Infinite Power Series Space. Master thesis in Mathematics Department, Faculty of Arts and Sciences, Middle East Technical University, Ankara, Turkey. Advisor: Prof. Murat Yurdakul.

RESEARCH AND WORK EXPERIENCES IN SYRACUSE UNIVERSITY:

Title	Work	Date
Postdoctoral Fellow	Assessing Learners' Problem-Solving Skills along a Novice-to-Expert Continuum.	May 2006 - May 2007
Instructional Designer	Designing and developing college level online mathematics courses for McGraw Hill Higher Education Online Learning.	Oct 2005 – May 2007
Research Associate	Conducting a formative evaluation of the funded literacy projects by Central New York Community Foundation.	Jan 2005 - Dec 2005
Graduate Assistant	Assistance of Susan B. Long to develop instructional videos for Applied Regression Analysis course.	Fall 2005
Research Assistant	Liaison of Biology domain in NSF-DEEP project called “Enhanced Evaluation of Learning in Complex Domains” and a funded project by National Science Foundation (NSF).	April 2004 - Dec 2004
Teaching Assistant (Future Professoriate Project for Teaching Associate Award)	Teaching Assistant for the following IDD&E graduate level courses: <ul style="list-style-type: none">• IDE 614 Principles of Instructional Design (Fall 2002)• IDE 750 Instructional Design and Emerging Technologies (Spring 2003)• IDE 656 Computers as Critical Thinking Tools (Summer 2003)• IDE 761 Project Management (Spring 2004)• Multilevel Data Analysis (Summer 2001)	May 2001- May 2004
Volunteer Research Assistant	Conducting a qualitative research for IDEAS project sponsored by NASA with middle school science teachers who trained in Web-Enhanced Learning Environment Strategies through the integration of NASA's missions-based Astronomy and Space Science research.	2002-2003 academic year
Volunteering	Working in the Edward Kelly Conference Preparation Committee in IDD&E.	Spring 2003
Research Assistant	Conducting a program evaluation of Magnet Schools in Syracuse School District.	Spring 2002

TEACHING INTEREST:

<ul style="list-style-type: none">• Research Methods• Project Management• Educational Psychology & Learning Theories• Measurement and Assessment in Teaching• Program Evaluation• Tests and Non-test Techniques• Needs Assessment	<ul style="list-style-type: none">• Instructional Technology• Instructional System Design• Math Education and STEAM approach• Curriculum and Instruction• Learning & Teaching in Higher Education• Preservice and Inservice Teacher / Faculty Member Education
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TEACHING EXPERIENCE IN K-12 CLASSROOMS:

Title	Institutions	Date
Mathematics Teacher	AFEM (Center for Science Education in Ankara), Ankara, Turkey. Taught mathematics for grade 6-8.	Feb 1999 - June 1999
Classroom Teacher and Mathematics Teacher	Teacher in elementary, secondary, and high schools of the Turkish Ministry of Education. Taught mathematics and other courses for K-12 in Bursa and Ankara in Turkey.	Nov 1995 - Mar 1998
Intern teacher and designer of mathematics tests	Taught mathematics to students preparing for university entrance exam in Bilim (Science) Private Education Institution, Ankara, Turkey.	Sept 1994 - June 1995

RESEARCH PROJECTS:

- Gogus, A. (January 2016 – June 2018). **Coordinator of the OPEDUCA Istanbul project.** OPEDUCA has a focus on the development of the young generation by opening up schools to society through the construction of ‘**Open EDUCational Areas**’. The Regional Centre of Expertise on Education for Sustainable Development (RCE) Rhine-Meuse, being a cooperation of schools (from primary to higher education), industry, societal organizations, regional governmental authorities and science, in the heart of Western Europe, reaches out to other regions to join the global OPEDUCA Project. Dr. Gogus from Okan University Faculty of Education, Jos Eussen from RCE Rhine-Meuse introduce the OPEDUCA project to Istanbul area partners that Okan College and Istanbul Provincial Directorate of National Education.
- Gogus, A. (November 2014 – July 2017). **Researcher in the grant projects, “Privacy Preserving Data Analysis and Publishing in Education”, administrated by Dr. Yucel Saygin and supported by TUBITAK.** The goal of the project is to identify the privacy risks that result from the collection, sharing and analysis of the data collected about students, parents, instructors, and school managers, and to develop techniques to overcome those risks and apply advanced privacy standards to complex data sets.
- Gogus, A. (May 2013 – March 2016). **Researcher in the grant projects, “Developing Handwriting Recognition Technologies for Smart Classrooms and Its Use in E-Content Development”, administrated by Dr. A. Berrin Yanikoglu-Yesilyurt and supported by TUBITAK.** The goal of the project is develop an interactive educational software that motivates students to learn, increase their learning speed, and enable them to learn from their mistakes with immediate feedback. The project develops and evaluates a hand-writing recognition system in Turkish and an e-content package for K-1 students.
- Gogus, A. (July 2014 - January 2015). **Visiting research scholar** in the Department of Curriculum & Instruction of the Judith Herb College of Education at University of Toledo to involve in the project evaluation research on two grant-funded projects that **Professor Charlene Czerniak** has funded. One of the grant project was **LEADERS (Leadership for Educators: Academy for Driving Economic Revitalization in Science)**, the other project was **NURTURES (Networking Urban Resources with Teachers and University to enRich Early Childhood Science)**.
- Gogus, A. (September 2011 – June 2013). Researcher in the international research study conducted with Professor Nicola Nistor from Germany about **educational technology acceptance across cultures as a validation of the Unified Theory of Acceptance and Use of Technology (UTAUT) in the context of Turkish national culture.** The UTAUT proposes a major model of educational technology acceptance (ETA) which has been yet validated only in few languages and cultures. Therefore, this study aimed at extending the applicability of UTAUT to Turkish culture.
- Gogus, A. & Bolat, O. (December 2009 - June 2013). **Led the International Teacher Leadership project** in Maltepe Elementary Schools in Istanbul. **The International Teacher Leadership project** first started by **Professor David Frost at the Cambridge University** in

England and was put into practice in 14 countries. Dr. Gogus and Dr. Bolat provided training programs for teachers related to instructional strategies, classroom management, assessment of student learning and students learning and thinking styles, technology integration into classroom activities. Dr. Gogus and Dr. Bolat also assessed the impacts of the project. The project focused on the way teachers have been developing teacher leadership through the establishment of Teacher Led Development Work (TLDW). The following international and national meetings were hold:

- Gogus, A. & Bolat, O. (March 2010). International Teacher Leadership (ITL) Project in Turkey. University of Cambridge, UK. 25th-28th March, 2010.
 - Gogus, A. & Bolat, O. (June 2010). New Generation Teachers Project in Maltepe Elementary Schools. Maltepe, Istanbul. 16th June, 2010.
 - Gogus, A. & Bolat, O. (October 2010). International Teacher Leadership (ITL) Project in Turkey. Macedonia. 28th-31st October, 2010.
 - Gogus, A. & Bolat, O. (May 2011). New Generation Teachers Project in Maltepe Elementary Schools. Maltepe, Istanbul.
 - Gogus, A. (October 2011). International Teacher Leadership (ITL) Project in Turkey. Veliko Tırnova, Bulgaria. 27th-29th October, 2011.
 - Bolat, O. (June 2012 & June 2013). New Generation Teachers Project in Maltepe Elementary Schools. Maltepe, Istanbul.
- Gogus, A. (October 2008 - November 2010). Administrated the grant project, **Evaluation of Mental Models (EMM) Project**, supported by The Scientific & Technological Research Council of Turkey (**TUBİTAK**). Project Number: 108K294. The goal of this research was to investigate the use of Evaluation of Mental Models (EMM) to assess the mental models of individuals and groups in solving complex problems and to compare novices and experts models as bases for providing feedback to learners. This study tested a qualified web-based assessment tool kit, Highly Interactive Model-based Assessment Tools and Technologies (HIMATT), in an as yet untested domain—mathematics.

ADMINISTRATED THESIS:

Sabriye İrem Karaağaç. The Investigation of Parent's Perspectives on Home Activities Sent to the Families by Preschool Education Institutions. (Okul Öncesi Eğitim Kurumlarında Ailelere Gönderilen Ev Etkinliklerine İlişkin Aile Görüşlerinin İncelenmesi). Istanbul Okan University, Institute of Social Sciences, Preschool Education Master's Program, June 2021.

Bircan Çınar. Investigation of the Relationship Between Organizational Cynicism and Organizational Commitment Levels of Faculty Members in Foundation Universities. (Vakıf Üniversiteleri Öğretim Elemanlarının Örgütsel Sinizm ve Örgütsel Bağlılık Düzeyleri Arasındaki İlişkinin İncelenmesi). Istanbul Okan University, Institute of Social Sciences, May 2019.

Nuran Ersen. Investigation of Factors Preventing Family Participation Studies in Preschool Education. (Okul Öncesi Eğitimde Aile Katılım Çalışmalarını Engelleyen Etmenlerin İncelenmesi). Istanbul Okan University, Institute of Social Sciences, January 2020.

PROJECT 102 COURSES AND RESEARCH TOPICS:

- Gogus, A. & Arikan, H. (2008-2009 Spring). Student Survey Project.
- Gogus, A. & Gogus, N.G. (2008-2009 Spring). Highly Integrated Model Assessment Technology and Tools (HIMATT).
- Gogus, A. & Gogus, N.G. (2009-2010 Spring). Supporting students' learning at K1-8 classrooms.
- Gogus, A. (2009-2010 Spring). The Learning Styles of Undergraduates at SU.
- Gogus, A. (2010-2011 Fall). University Students' College Adjustment and Identity Formation.
- Menda, E., Gogus, A. & Ban, S. (2010-2011 Fall). Disability Awareness Project.
- Gogus, A. & Gogus, N.G. (2010-2011 Spring). Motivated Strategies for Learning.
- Gogus, A. (2010-2011 Spring). Unified Theory of Acceptance and Use of Technology (UTAUT)
- Gogus, A. (2011-2012 Fall). Work-related Culture Values and User Acceptance of Information Technology.

- Gogus, A. & Gogus, N.G. (2012-2013 Spring). Critical Thinking Skills and Academic Success.
- Gogus, N.G. & Gogus, A. (2012-2013 Spring). Problem Solving and Critical Thinking Skills of University Students.
- Gogus, A. (2013-2014 Spring). High Impact Practices in Liberal Arts Colleges and Universities.
- Gogus, N.G. & Gogus, A. (2013-2014 Spring). A Review of the PISA 2012 Results.

BOOKS & BOOK CHAPTERS:

- Göğüş, N.G. & Göğüş, A. (2021). Olasılık Soruları. (T. Gökçek, Çeviri Kitap) Matematik Sınıflarında Sıklıkla Sorulan 100 Soru (Translated book, 100 Commonly Asked Questions in Math Class.) (1. basım). Pegem Akademi, Ankara. ISBN: 9786257228688.
- Gogus A. (2020) Brainstorming and Invention. In: Carayannis E.G. (eds) Encyclopedia of Creativity, Invention, Innovation and Entrepreneurship. Springer, Cham. https://doi.org/10.1007/978-3-319-15347-6_348
- Gogus, A. (2015). Measuring contacts and interactions in social networks. In J. M. Spector (Eds.), *The SAGE Encyclopedia of Educational Technology*. Thousand Oaks, CA: Sage Publications. ISBN: 9781452258225 <http://www.sagepub.com/refbooks/Book239606>
- Gogus, A. (2015). Reconceptualizing Liberal Education in the 21st Century: The role of emerging technologies and STEAM fields in liberal education. In X. Ge, D. Ifenthaler, and J. M. Spector Full Steam Ahead: Emerging Technologies for STEAM. New York: Springer. ISBN 10: 3319025724.
- Ertek, G., Tokdil, B., Günaydın, İ., Göğüş, A. (2014). Competitiveness of Top 100 U.S. Universities: A Benchmark Study Using Data Envelopment Analysis (DEA) and Information Visualization. In Osman, İ.H., Anouze, A.L., Emrouznejad, A. (2014) (Eds.), *Handbook of Research on Strategic Performance Management and Measurement Using Data Envelopment Analysis*. IGI Global, Hershey, PA, USA. ISBN 10: 1466644745. <http://www.igi-global.com/book/handbook-research-strategic-performance-management/75841>
- Gogus, A. (2013). *Brainstorming and invention*. In Carayannis, E.G. (2013) (Eds.), *The Encyclopedia of Creativity, Invention, Innovation, and Entrepreneurship*. New York: Springer. ISBN 1461438578 <http://refworks.springer.com/mrw/index.php?id=4379>
- Gogus, A. (2012). Action research on learning. In Seel, N.M. (2012) (Eds.), *The Encyclopedia of the Sciences of Learning*. New York: Springer. ISBN 978-1-4419-1427-9.
- Gogus, A. (2012). Active learning. In Seel, N.M. (2012) (Eds.), *The Encyclopedia of the Sciences of Learning*. New York: Springer. ISBN 978-1-4419-1427-9.
- Gogus, A. (2012). Analytic learning. In Seel, N.M. (2012) (Eds.), *The Encyclopedia of the Sciences of Learning*. New York: Springer. ISBN 978-1-4419-1427-9.
- Gogus, A. (2012). Bloom's taxonomy of learning objectives. In Seel, N.M. (2012) (Eds.), *The Encyclopedia of the Sciences of Learning*. New York: Springer. ISBN 978-1-4419-1427-9.
- Gogus, A. (2012). Brainstorming and learning. In Seel, N.M. (2012) (Eds.), *The Encyclopedia of the Sciences of Learning*. New York: Springer. ISBN 978-1-4419-1427-9.
- Gogus, A. (2012). Constructivist learning. In Seel, N.M. (2012) (Eds.), *The Encyclopedia of the Sciences of Learning*. New York: Springer. ISBN 978-1-4419-1427-9.
- Gogus, A. (2012). Learning cycles. In Seel, N.M. (2012) (Eds.), *The Encyclopedia of the Sciences of Learning*. New York: Springer. ISBN 978-1-4419-1427-9.
- Gogus, A. (2012). Learning objectives. In Seel, N.M. (2012) (Eds.), *The Encyclopedia of the Sciences of Learning*. New York: Springer. ISBN 978-1-4419-1427-9.
- Gogus, A. (2012). Outcomes of learning. In Seel, N.M. (2012) (Eds.), *The Encyclopedia of the Sciences of Learning*. New York: Springer. ISBN 978-1-4419-1427-9.
- Gogus, A. (2012). Peer learning and assessment. In Seel, N.M. (2012) (Eds.), *The Encyclopedia of the Sciences of Learning*. New York: Springer. ISBN 978-1-4419-1427-9.
- Gogus, A. (2012). Socratic questioning. In Seel, N.M. (2012) (Eds.), *The Encyclopedia of the Sciences of Learning*. New York: Springer. ISBN 978-1-4419-1427-9.
- Gogus, A. (Nov 2008). *Teachers' Voice: Individual and Situational Factors for Technology Integration*. VDM Verlag Dr. Müller: Saarbrücken, Germany. ISBN-10: 3639108035, ISBN-13: 978-3639108033. 262 pages.

PUBLICATIONS IN JOURNALS:

- Gogus, A. (2021). Shifting to digital: adoption and diffusion. *Educational Technology, Research & Development (ETR&D)*. doi: 10.1007/s11423-020-09862-6
- Göğüş, A., Ertek, G. (2020). A Scoring Approach for the Assessment of Study Skills and Learning Styles. *International Journal of Information and Education Technology*, 10(10), 715-722. doi: 10.18178/ijiet.2020.10.10.1448
- Gogus, A., Gogus, N.G., & Bahadır, E. (2020). Intersections between critical thinking skills and reflective thinking skills toward problem solving, *Pamukkale University Journal of Education, Pamukkale Üniversitesi Eğitim Fakültesi Dergisi*. 49(1), 1-19. doi:10.9779/pauefd.526407 (Emerging SSCI)
- Gogus, A. & Saygın, Y. (2019). Privacy perception and information technology utilization by high school students. *Heliyon*, 5(5), e01614. <https://doi.org/10.1016/j.heliyon.2019.e01614> (Emerging SSCI)
- Yanikoğlu, B., Gogus, A., & İnal, E. (2017). Use of handwriting recognition technologies in developing tablet-based learning modules for first grade education. *Educational Technology, Research & Development (ETR&D)*. doi: 10.1007/s11423-017-9532-3 (SSCI).
- Al Lily, A., Foland, J., Stoloff, D., Gogus, A., Erguvan, I., Awshar, ... & Schrader, P. (2016). Academic domains as political battlegrounds: A global enquiry by 101 academics in the fields of education and technology. *Information Development* 1-19. doi: 10.1177/0266666916646415. (SSCI).
- Gogus, A. & Ertek, G. (2016). Learning and personal attributes of university students in predicting and classifying the learning styles: Kolb's nine-region versus four region learning styles. *Procedia Social and Behavioral Sciences* 217, 779 – 789.
- Gogus, A. & Yanikoğlu-Yesilyurt, A.B. (2015). E-Content Design for TabletPC Implementation Project *Turkish Online Journal of Educational Technology (TOJET)*, Special Issue (1) for IETC 2015, July 2015, 206-213. (ERIC)
- Göğüş, A. & Yetke, Ş. (2015). Increasing Student Motivation through Diversification of Instructional Methods: The Case of Teacher Leadership in English Course (Öğretme yöntemlerinin çeşitlendirilmesi ile öğrenci motivasyonunun artırılması: İngilizce dersi öğretmen liderliği örneği.) *Uludağ Üniversitesi Eğitim Fakültesi Dergisi*, 27(2).
- Gogus, A. (2013). Evaluating mental models in mathematics: A comparison of methods. *Educational Technology, Research & Development (ETR&D)*, 61(2), 171-195. DOI:10.1007/s11423-012-9281-2. (SSCI).
- Nistor, N., Gogus, A., & Lerche, T. (2013). Educational technology acceptance across and professional cultures: A European study. *Educational Technology, Research & Development (ETR&D)*. 61(4),733-749. DOI:10.1007/s11423-013-9292-7. (SSCI).
- Göğüş, A. (2013). Üniversite öğrencilerinin kimlik oluşumu ve demografik bilgileri / Identity formation and demographic information of university students. *KALEM Uluslararası Eğitim ve İnsan Bilimleri Dergisi (KUEİBD) / KALEM International Journal of Educational and Human Sciences (ISSN:2146-5606)*, 5, 59-90.
- Gogus, A., Nistor, N. & Lerche, T. (2012). Educational technology acceptance across cultures: A validation of the Unified Theory of Acceptance and Use national of Technology in the context of Turkish national culture. *Turkish Online Journal of Educational Technology (TOJET)*, (11)4, 394-408. (SSCI).
- Gogus, A. & Ertek, G. (2012). Statistical Scoring Algorithm for Learning and Study Skills. The International Conference of New Horizons in Education (INTE), June 5 – 7, 2012, Prague, Czech Republic. *Procedia Social and Behavioral Sciences*, 55(5), 882-886. New York, NY: Elsevier.
- Gogus, A. (2012). Evaluation of Mental Models: Using highly Interactive Model-Based Assessment Tools and Technologies (HIMATT) in Mathematics Domain. *Technology Instruction, Cognition and Learning (TICL)*, 9(1), 31-50. (ERIC).
- Gogus, A. (2013). Model-Based Assessment of Conceptual Representations. *Journal of Instructional Psychology (ISSN: US00941956)*, 39(3), 177-188. (ERIC).
- Gogus, A. & Ertek, G. (2012). Statistical Scoring Algorithm for Study Skills and Kolb's Learning Styles. 3rd. International Conference on New Horizons in Education (INTE 2012), June 2012, Czech Republic. *Procedia Social and Behavioral Sciences*, 55, 882-886.

- Gogus, A. (2012). Building Teacher Leadership in Turkey through Teacher Led Development Works. *Pedagogy: Educational Journal* (Bulgarian), 84(4), 701-706. ISSN 0861-3982. <http://pedagogy.azbuki.bg/contents201204.html>
- Gogus, A. & Gunes, H. (2011). Learning Styles and Effective Learning Habits of University Students: A Case from Turkey. *College Student Journal*, 45(3), 586-600. (ERIC).
- Gogus, A., Koszalka, T.A., & Spector, J.M. (2009). Assessing Conceptual Representations of Ill-Structured Problems. *Technology Instruction, Cognition and Learning (TICL)*, 7(1), 1-20. (ERIC).
- Simsek, A. (2004). Distance Education - Public Policy and Practice in Higher Education: The Case of Türkiye. *Brazilian Review of Open and Distance Learning*, 2(4).

PUBLICATIONS IN CONFERENCE PROCEEDINGS:

- Göğüş, A. & Göğüş, N.G. (2021). A Review for Assessment of Learning Outcomes at Higher Education Level. Proceedings of the International Scientific and Methodological Online Conference on Increasing the Competitiveness of Graduate Economists Based on the Implementation of the Principles of the Bologna Process, p.35-39, June 15 - 16, 2021, Khujand.
- Göğüş, A. (2021). Writing Learning Outcomes at Higher Education. Proceedings of the International Scientific and Methodological Online Conference on Increasing the Competitiveness of Graduate Economists Based on the Implementation of the Principles of the Bologna Process, p.40-48, June 15 - 16, 2021, Khujand, 2021.
- Gogus, A. & Gogus, N. G. (2016). Motivated strategies for learning in science, engineering and mathematics courses. International Conference on Education in Mathematics, Science & Technology (ICEMST 2016), Bodrum, Turkey, May 2016.
- Gogus, A. & Ertek, G. (2015). Learning and personal attributes of university students in predicting and classifying the learning styles: Kolb's nine-region versus four-region learning styles. The International Conference on Education & Educational Psychology (ICEEPSY 2015), Istanbul, Turkey, Oct 2015.
- Gogus, A. & Yanikoğlu-Yesilyurt, A.B. (2015). E-Content Design for TabletPC Implementation Project. Proceeding of the International Educational Technology Conference (IETC 2015), Istanbul, May 2015, Proceedings, p.379-391 & TOJET Special Issue (1) for IETC 2015, July 2015, p.206-213.
- Gogus, A. & Nistor, N. (2013). A validation of the UTAUT measure instrument for educational technology acceptance in Turkey. Proceeding of the International Educational Technology Conference (IETC 2012), Taiwan, July 2012.
- Gogus, A. & Ertek, G. (2012). Statistical Scoring of Study Skills. *Cyprus International Conference on Educational Research (CY-ICER 2012)*, Feb 8-10, 2012, Cyprus.
- Gogus, A. & Gogus, N.G. (2011). Understanding the Effective Learning Habits of the Generation Y. *IADIS International Conference on Cognition and Exploratory Learning in Digital Age (CELDA 2011)*, Conference proceeding, pp 271-274, November 6-8, 2011, Brazil.
- Gogus, A. (2010). Comparing Mental Model Assessment Technologies. *The 10th International Educational Technology Conference (IETC 2010)*, 26-28 April, 2010, Istanbul.
- Gogus, A. (2010). Evaluation of Problem Solving Strategies. *The Second International Congress of Educational Technology*, Educational Research Association Turkey, 2 May, 2010, Antalya.
- Gogus, A. & Gogus, N.G. (2009). Evaluation of Mental Models (EMM) in Mathematics Domain. *IADIS International Conference on Cognition and Exploratory Learning in Digital Age (CELDA 2009)*, November 19-22, 2009, Rome, Italy.
- Gogus, A. (2009). Integrating the Evaluation of Mental Models Technologies into Social Science Education. IV. Social Science Education Congress, Marmara Univ., Istanbul, October 7-9, 2009.
- Gogus, A. (2009). Assessment of Learning in Complex Domains. *The First International Congress of Educational Technology*, "Trends and Issues in Educational Research", 1-3 May 2009, Canakkale, Turkey.
- Gogus, A. & Arikan, H. (2009). Strategies of Learning in Groups. *The First International Congress of Educational Technology*, "Trends and Issues in Educational Research", 1-3 May 2009, Canakkale, Turkey.

- Gogus, A. & Arikan, H. (2008). Learning to Learn in Higher Education. *IADIS International Conference on Cognition and Exploratory Learning in Digital Age (CELDA 2008)*, Conference proceeding, ISBN: 978-972-8924-69-0, pp.278-284, October 13 - 15, 2008 - Freiburg, Germany.
- Gogus, A. (2008). Teachers' Perceptions about the Usefulness of Integrating Graphing Calculators into High School Mathematics Classrooms. *IADIS International Conference on Cognition and Exploratory Learning in Digital Age (CELDA 2008)*, Conference proceeding, ISBN: 978-972-8924-69-0, pp.377-380, October 13 - 15, 2008 - Freiburg, Germany.
- Gogus, A. (2008). Influence of State Education Department Regulations on Teaching and Learning with Technology. Presented in ED-MEDIA 2008 in Vienna, Austria, June 30-July 4, 2008. Published in J. Luca & E. Weippl (Eds.), *Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2008*, Chesapeake, VA: AACE, Volume 2008, Number 1, pp. 4699-4708.
- Gogus, A. (2008). Educational Technologies and Researches on Educational Science. TUSIAD and Sabanci University Competitiveness Forum, REF Bulletin 2008, Vol. 18.
- Gogus, A. (2006). How effectively did teachers and students use graphing calculators in high school mathematics classrooms? *The conference proceedings of the 2006 Edward F. Kelly Evaluation Conference*. University at Albany, State University of New York.
- Gogus, A. (2005). An Outline: Comparing the innovation-decision process and analysis of teachers' perceptive on graphing calculator integration. *The conference proceedings of the 2005 of Association for Educational Communications and Technology (AECT)*.
- Gogus, A., & Koskeroglu, M. (2005). An innovation decision process: Teachers graphing calculator integration from classrooms to Regents exams. In G. Richards (Ed.), *Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2005* (pp. 2068-2074). Chesapeake, VA: AACE.
- Simsek, A., & Bragg, C.A. (2003). Blended e-learning and knowledge management: Taxonomies for instructional designers. In A. Rossett (Ed.), *Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2003* (pp. 1177-1180). Chesapeake, VA: AACE.
- Keser, H., Esgi, N., & Simsek, A. (2003). Principles of educational web design. In A. Rossett (Ed.), *Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2003* (pp. 2011-2014). Chesapeake, VA: AACE.
- Simsek, A. (2003). *A critique of using multimedia case studies in teacher education programs*. The conference proceedings of the 2003 Edward F. Kelly Evaluation Conference. University at Albany, State University of New York, 53-57.
- Teja, I.d.l. & Simsek, A. (2002). Modeling the Tutor-Learner Interaction in an E-Learning Environment: An Instructional Design Perspective. In M. Driscoll & T. Reeves (Eds.), *Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2002* (pp. 1392-1395). Chesapeake, VA: AACE.
- Simsek, A. (2002). *Investigating The effectiveness of "Thinking Aloud" method: A demonstration study*. The conference proceedings of the 2002 Edward F. Kelly Evaluation Conference. University at Albany, State University of New York, 53-57.
- Simsek, A. (2002). *Electronic technologies in high school mathematics classrooms*. The proceedings of the Association for Educational Communications and Technology (AECT), vol 2.

CONFERENCE PRESENTATIONS:

- Göğüş, A. (2022). Dijital Uyum, Yenilik ve Yayılma, Öğretmenlerin Mesleki Gelişimi. Sustainable Change in Education / Eğitimde Sürdürülebilir Değişim Paneli, GESS TURKEY, Global Educational Supplies and Solutions/Eğitim Teknolojileri ve Çözümleri Fuarı, 27 Mayıs 2022, İstanbul.
- Göğüş, A. (2022). Administration in Academic Settings: Successful Strategies. Dean's Panel. IXth International Eurasian Educational Research EJER Congress, 22 – 25 June 2022, Ege University, Turkey.
- Göğüş, A., Geçkin-Onat, S. & Yücel, S. (2021). Examination of new media literacy levels in terms of demographic variables. V. International New Media Conference (Oral Presentation: Abstract Paper). Istanbul Gelisim University, Istanbul, Turkey.

- Çınar, B. & Göğüş, A. (2020). Örgütsel Sinizm ve Örgütsel Bağlılık Düzeyleri: İstanbul İli Vakıf Üniversiteleri Örneği. Fatih Sultan Mehmet Vakıf Üniversitesi Eğitim Araştırmaları Kongresi (FSMVU-EAK2020). 9-10 Mayıs, İstanbul.
- Göğüş, A., and Ertek, G. (2019). A Scoring Approach for the Assessment of Study Skills and Learning Styles. 2019 The 7th International Conference on Information Technology, Shanghai, China on December 20-23, 2019, co-sponsored by Singapore Institute of Electronics & School of Electronic Information and Electrical Engineering of Shanghai Jiao Tong University.
- Göğüş, A., Göğüş, N.G., & Bahadır, E. (2018). Influence of Thinking Style and Sleep Time Variables on Critical Thinking Skills and Reflective Thinking Skills toward Problem Solving. Presented in the 20th International Congress on Psychological Counseling and Guidance (PCGcongress 2018), Samsun, Turkey on 25-26-27 October 2018, the organization of Turkish Psychological Counseling and Guidance Association with the cooperation of Ondokuz Mayıs University and Canik Municipality.
- Göğüş, A. & Saygın, Y. (2018). Perceptions of High School Students' Personal Data Privacy. Presented in the 20th International Congress on Psychological Counseling and Guidance (PCGcongress 2018), Samsun, Turkey on 25-26-27 October 2018, the organization of Turkish Psychological Counseling and Guidance Association with the cooperation of Ondokuz Mayıs University and Canik Municipality.
- Neriman, Ö. & Göğüş, A. (2018). Leadership Accountability Behaviors at Universities (Üniversitelerde Algılanan Lider Hesap Verebilirlik Davranışları). Presented in The 13th International Congress on Educational Administration (13.Uluslararası Eğitim Yönetimi Kongresi), Sivas TURKEY on 10-12 May 2018, Educational Administration Research and Development Association.
- Neriman, Ö. & Göğüş, A. (2018). Percieved Ethical Climate at Universities (Üniversitelerde Algılanan Etik İklim). Presented in 27th International Conference on Educational Sciences (27.Uluslararası Eğitim Bilimleri Kongresi), April 18-22, 2018 (ICES-UEBK 2018), Antalya, Turkey on 18-21 April 2018.
- Gogus, A. (2016). Lise Öğrencileri Kişisel Verilerin Korunması Algı Araştırması (High School Students' Perceptions on Protection of Personal Data). Özel Yaşamın Gizliliği, Teknoloji ve Hukuk Konferansı (The 3rd Technology, Law and Privacy Conference), Istanbul, June 10, 2016.
- Gogus, A. (2014). Liberal Education in 21st Century. VI. International Congress of Educational Research. Hacettepe University, Ankara, Turkey, June 5-8, 2014.
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- Arikan, H. Gogus, A., Ülker, A.Y., Bilgic, U., & Taralp, E. (2012). Applications of Learning from Peers: Academic Support Program (ASP). I. Cyprus International Educational Research Congress, December 6-9, 2012, Cyprus.
- Arikan, H. Gogus, A., Ülker, A.Y., Bilgic, U., & Taralp, E. (2012). Implications of an Introductory Course that Runs by Students: The Case of the PreNS Program. I. Cyprus International Educational Research Congress, December 6-9, 2012, Cyprus.
- Gogus (Simsek), A. (2004). Individual and situational factors influencing teachers' graphing calculator integration into high school mathematics classrooms. *Association for Educational Communications and Technology (AECT)*, October 20-23, 2004, Chicago.
- Simsek, A. (2003). High school mathematics teachers' thoughts on technology integration. *Association for Educational Communications and Technology (AECT) 2003, Anaheim, California.*
- Simsek, A. (2002). Preparing learners to be effective in online environment. *ED-MEDIA 2002-World Conference on Educational Multimedia, Hypermedia & Telecommunications is an international conference, organized by the Association for the Advancement of Computing in Education (AACE), June 24-29, 2002, Denver, Colorado.*
- Massingila, J.O., Simsek, A., and others. (2002) Creating multiple case studies for teacher education. A group poster presentations in *Teaching Tools 2002, October 25, 2002, New York.*

PROFESSIONAL ACTIVITIES:

- Advisory Board: International Educational Technology Conference IETC 2013.
- Vice President for Communication at Training and Performance Division of Association for Educational Communications and Technology (AECT). 2007 – 2008
- Working in International Relationship of the Semiannual Journal of Educational Sciences & Practice in Turkey, (ISSN 1303-6475). 2003–2006.
- Reviewer at Journals:
 - Technology, Mind, and Behavior, APA Journal (2019-Continue)
 - Educational Technology Research and Development (2007-Continue)
 - Contemporary Educational Technology (2010-Continue)
 - Computers in Human Behavior (2013-Continue)
 - Turkish Online Journal of Educational Technology (2013-Continue)
 - Yükseköğretim Dergisi/Journal of Higher Education (2014-Continue)
 - Studies in Higher Education (2013-Continue)
- Members for the following organizations:
 - Association for Educational Communications and Technology (AECT)
 - American Educational Research Association (AERA)
 - European Association for Research on Learning and Instruction (EARLI)
 - International Association for Development of the Information Society (IADIS)
 - Educational Research Association Turkey (EAB)

PANELS & WORKSHOPS:

- Gogus, A. (Panelist). Overview of the problems encountered in teaching and learning. Panel Discussion for Math and Science Teachers who attend to workshop about assessment of higher-order thinking skills organized by MATBEG and Sarıyer District. December 8, 2018. Sarıyer Belediyesi Boğaziçi Kültür ve Sanat Merkezi, İstanbul.
- Gogus, A. (*Moderator of the Panel Discussion*) (November 24, 2017). *Teachers in my dream.(Hayalimdeki Öğretmen)*. Panel by Faculty of Education at Okan University. Panelist: 8 Students from K-12 and University.
- Gogus, A. (*Moderator of the Panel Discussion*) (November 23, 2016). *Children and Rights.(Çocuk ve Haklar)*. Panel by Faculty of Education at Okan University. Panelist: Hakan Acar, Işık Tüzün, Seda Akço.
- Gogus, A. (2016). Master Course of OPEDUCA project. Inservice Teacher Training for Okan College.
- Gogus, A. (2016). Leadership for Learning. Inservice Teacher Training for Okan College.
- Gogus, A. (2015). Differentiated Instruction. Inservice Teacher Training for Uskudar District Public Schools.
- Gogus, A. (2015). Being an Undergraduate Student. Workshop for high school students and new comers to university.
- Gogus, A. (November 1, 2011). Analyzing Learning Styles and Applications of Differentiated Instruction. Workshop for high school teachers at Symposium, “Taşın Altındaki El: Liselerdeki Danışman Roller” by Center for Individual and Academic Development, Sabancı University.
- Gogus, A. (2008). Writing of the Learning Outcomes for Individual Courses. Workshops and the CIAD Manual for Sabancı University’s faculty members.
- Doughty. P., Simsek, A., Tar, S., Ohrazda, C. (2004). ADDIE Model and Applications. A workshop presentation with Prof. Phil Doughty. Aytac Simsek presented [the evaluation phase of ADDIE Model](#). "Planning for Training: A symposia for Central New York Training Council Members" April 22th, 2004. Syracuse, NY.

HONORS AND AWARDS:

- Reviewer Excellence Award, ETRD 2021, Educational Technology Research and Development (ETR&D) Journal, Association for Educational Communications and Technology (AECT), 3 November, 2021, Online Award Ceremony.
- Reviewer Excellence Award, ETRD 2020, Educational Technology Research and Development (ETR&D) Journal, Association for Educational Communications and Technology (AECT), 23 October, 2020, Online Award Ceremony.
- Reviewer Excellence Award, ETRD 2019, Educational Technology Research and Development (ETR&D) Journal, Association for Educational Communications and Technology (AECT), 21 October, 2019, Las Vegas, Nevada.
- Top Outstanding Reviewer Award for 2018 by Educational Technology Research and Development (ETR&D) Journal, Development Section. Association for Educational Communications and Technology (AECT), 25 October, 2018, Kansas City, Missouri.
- Future Professoriate Project for Teaching Associate Award in Syracuse University, IDD&E program (2002-2006).
- Award among IDD&E Master's Program Graduates in 2001. The 2001 IDD&E Project Management Award for thoughtful and feasible guidance on funded Research and Development Projects.
- Five Letters of Commendation from Turkey Ministry of Education (2000-2004)
- Scholarship for M.S. and Ph.D. degrees in Instructional Technology from Turkish Ministry of Education (August 1999 – May 2005).
- First Position Award in Mathematics Department Gazi University, Turkey in June 1994
- Scholarship award for honour students of Scientist Training Support Committee at the Scientific and Technical Research Council of Turkey (TUBITAK) (Feb 1992 - June 1994).

SAMPLE COURSE PROJECTS:

- **Instructional Development Model** for Constructivist Approach in Higher Education
- **Evaluation** for the Secondary Special Education Program in the Cortland City School.
- **Project Management Plan** for IDD&E Core Courses Development
- **Cognitive Task Analysis:** The Goals, Operators, Methods, and Selection Rules (GOMS)
- **Front-End Analysis Plan** for E-Learning Students
- **4C/ID - Four Component Instructional Design Model:** Complex Cognitive Skill
- **Quantitative Research:** Multi-level Data Analysis
- **Research Design:** Effects of Electronic Technologies for Conceptual Understanding of Mathematics in Middle Schools

REFERENCES:

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