

Selcuk Kilinc Postdoctoral Research Associate

The Department of Teaching, Learning & Culture | Texas A&M University selcuklnc@tamu.edu +1 979 721 3467 Male

LinkedIn ResearchGate Google Scholar 0000-0001-8846-7243 Personal Website

EDUCATION

Doctor of Philosophy / Science Education

Middle East Technical University

- **Dissertation:** Real-Time Air Quality Monitoring as A Catalyst for the Growth of Pre-Service Science Teachers in Citizen Science

02/2018 – 07/2023 | Turkey

Master of Science / Software Engineering

Middle East Technical University

- **Graduation Project:** SmartCal: Innovating Mobile Tech for Real-Time Calorie Tracking and Dietary Guidance

09/2020 – 07/2022 | Turkey

Master of Science / Secondary Science and Mathematics Education

Middle East Technical University

- **Thesis:** Exploring of STEM Readiness of a Faculty of Education in Turkey

01/2015 – 01/2018 | Turkey

Integrated Bachelor's and Non-Thesis Master's Chemistry Education

Middle East Technical University

- **Graduation Project:** Goal Orientations and Task Values of High School Students

09/2007 – 06/2014 | Turkey

PROFESSIONAL EXPERIENCE

Texas A&M University

Postdoctoral Research Associate

01/2025 – present | TX, USA

- Co-designed and led the “AI-Enhanced Computational Thinking and Agricultural Science in Rural Schools” project, coordinating multi-site implementations across two rural school districts with 80+ middle school students.
- Built school partnerships and aligned curriculum, AI chatbot tutors, and Arduino-based IoT sensors to scaffold student inquiry and computational thinking in Ag-STEM lessons.
- Facilitated professional-development workshops and ongoing classroom support to help K-12 teachers integrate AI and IoT tools into agricultural science curricula.
- Conducted design-based research that informed competitive grant proposals (e.g., AIM4Rural), invited lectures, and publications in top-tier journals and leading conferences.

Middle East Technical University Faculty of Education

Research & Teaching Assistant

09/2015 – 12/2024 | Turkey

- Authored and co-authored publications in leading journals, presented at premier conferences, and conducted scientific projects.
- Designed and delivered undergraduate and graduate courses on instructional technology, research methods, and science pedagogy, integrating AI, IoT, and educational technologies into teacher preparation and supervising pre-service teachers' field practicums.
- Mentored graduate and undergraduate students in qualitative, quantitative, and mixed-methods research, guiding manuscript preparation.
- Pioneered Arduino-based environmental monitoring modules in teacher education, developing hands-on laboratory sessions that bridged science content, educational technology, and pedagogical practice.

Coordinator for Research Assistants

- Led 20+ assistants, strategically aligning their responsibilities with faculty priorities and coordinating across departmental initiatives.
- Implemented efficient scheduling and workload distribution systems, ensuring the timely completion of research and instructional duties.

Distance Education Coordinator

- Helped lead the faculty's transition to online education during COVID-19, supporting 40+ faculty and 200+ students across the faculty.
- Collaborated with instructors to develop interactive online courses and used learning analytics to inform improvements.

Technology Coordinator

- Provided technical support and training on educational technologies for 40+ faculty members and staff.
- Supported the redesign and maintenance of the department website, improving navigation and access to key information.

Jale Tezer High School

Chemistry Teacher

09/2014 – 08/2015 | Turkey

- Planned and delivered curriculum-aligned chemistry instruction for 300+ high school students with hands-on experiments.
- Designed and implemented online educational materials to support differentiated instruction.

HONORS & AWARDS

TUBITAK 2219 International Postdoctoral Research Fellowship Program

The Scientific and Technological Research Council of Turkey

2025

- Awarded a competitive postdoctoral research fellowship (\$23,400) to research AI-enhanced STEM education at Texas A&M University, USA.

TUBITAK 2224-A - International Conference Travel Grant

Overseas Scientific Meetings Participation Support Program

2025

- Received approximately \$1,700 in travel and registration support to present research at the NARST 2025 Annual International Conference.

Dean's Honor List Student

Middle East Technical University (METU)

2013

- Placed on the university honor list twice (January 2013 and July 2013) in recognition of high academic achievement during BS studies.

PUBLICATIONS

Peer-Reviewed Journal Articles

- Aldemir T., **Kilinc S.**, Bicer A., Grant P., Davis, T. J. & Sweany, N. W. (2025). Intelligent-TPACK in Practice: Design and Evidence from a Three-Week Teacher Preparation Module. *Computers and Education Open*, 9, 100306. <https://doi.org/10.1016/j.caeo.2025.100306> ↗
- Aldemir T., Bicer A., **Kilinc S.**, Moon J., & Kwok, M. (2025). Exploring Emergent AI-TPACK Competencies in a Two-Week AI Literacy Module for Preservice Teachers. *Teaching and Teacher Education*, 168, 105231. <https://doi.org/10.1016/j.tate.2025.105231> ↗
- **Kilinc, S.**, Geban, O. & Ozturk, G. (2025). STEM Education in Teacher Education: Readiness, Challenges, and Alignment with Global Frameworks. *Ankara University Journal of Faculty of Educational Sciences*. (Accepted, in press).
- Evkaya O., **Kilinc, S.** & Kizilates S. (2025). Cross-National Perceptions of Generative AI in Higher Education: A Comparative Study of University Students in the UK and Turkey. *International Journal of Information and Education Technology*. (Accepted, in press).
- **Kilinc, S.** (2024). Comprehensive AI assessment framework: Enhancing educational evaluation with ethical AI integration. *Journal of Educational Technology and Online Learning*, 7(4-ICETOL 2024 Special Issue), 521-540. <https://doi.org/10.31681/jetol.1492695> ↗
- **Kilinc, S.** (2023). Embracing the Future of Distance Science Education: Opportunities and Challenges of ChatGPT Integration. *Asian Journal of Distance Education*, 18(1), 205-237. <https://doi.org/10.5281/zenodo.7857396> ↗
- Uzuntiryaki-Kondakci, E., Tuysuz, M., Sarici, E., Soysal, C., & **Kilinc, S.** (2021). The role of the argumentation-based laboratory on the development of pre-service chemistry teachers' argumentation skills. *International Journal of Science Education*, 43(1), 30-55. <https://doi.org/10.1080/09500693.2020.1846226> ↗

Peer-Reviewed Books Chapters

- **Kilinc, S.** (2025). Personalizing Education in the AI Era: The Comprehensive Impact of Customized Chatbots Across Educational Domains. In *Artificial Intelligence and Human Agency in Education: Volume Two: AI for Equity, Well-Being, and Innovation in Teaching and Learning*. https://doi.org/10.1007/978-981-96-9251-4_2 ↗

Peer-Reviewed Proceedings

- **Kilinc, S.**, Aldemir, T., Sabanwar, V., Bicer, A., & Song, D. (2025). AI Chatbot Coaching for Elevating Student Research. In *Proceedings of the 2025 ACM Conference on International Computing Education Research V. 2*. <https://doi.org/10.1145/3702653.3744315> ↗

Manuscripts Under Review

- **Kilinc S.**, Aldemir T., Misiejuk K., Kaliisa R., Bicer A., Sabanwar, V., Song, D., Yalvac B. (2025). A Mixed-Methods Analysis of AI Scaffolding Patterns and Student Inquiry Profiles in a Middle-School Agriculture-STEM Classroom. *Computers & Education: Artificial Intelligence*.
- Aldemir T., Bicer A., **Kilinc S.**, Moon J. & Kwok, M. (2025). Challenges, Solutions, and PD Needs for Integrating AI: Insights from a Two-Week AI Literacy Module with Preservice Teachers. *Action in Teacher Education*.

PRESENTATIONS

Peer-Reviewed Conference Presentations

- **Kilinc, S.**, Yilmazoglu, E., İncecay, İ., & Kondakci, E. (2026). *From Tool to Teammate: Reimagining Student-AI Collaboration in Engineering Design-Based STEM*. Accepted for presentation at the National Association for Research in Science Teaching (NARST) Annual International Conference, Seattle, WA, USA.
- Kondakci, E., İncecay, İ., Yilmazoglu, E., & **Kilinc, S.** (2026). *Enhancing High School Students' Self-Regulation with an AI-supported Engineering Design Process*. Accepted for presentation at the National Association for Research in Science Teaching (NARST) Annual International Conference, Seattle, WA, USA.
- **Kilinc, S.**, Aldemir, T., Sabanwar, V., Bicer, A., & Song, D. (2026). *The AI as Cognitive Mentor: Scaffolding Student Scientific Inquiry Through Dialogue*. Accepted for presentation at the American Educational Research Association (AERA) Annual Meeting, Los Angeles, CA, USA.
- **Kilinc, S.**, Aldemir, T., Sabanwar, V., Bicer, A., & Song, D. (2026). *Computational Thinking and Participation in Rural Ag STEM: A Comparative Case Study of Two Middle School Teams*. Accepted for presentation at the American Educational Research Association (AERA) Annual Meeting, Los Angeles, CA, USA.
- Sabanwar, V., Aldemir, T., **Kilinc, S.**, Bicer, A., & Song, D. (2026). *Teacher Conceptualization of Student Challenges and Solutions for CT in A Non-CS Classroom*. Accepted for poster presentation at the American Educational Research Association (AERA) Annual Meeting, Los Angeles, CA, USA.
- Evkaya, O., **Kilinc, S.**, Kizilates S. (2025). *A Comparative Study of University Students' Perceptions of Generative AI in Higher Education in the UK and Turkey*. Presented at the International Conference on Education and Artificial Intelligence Technologies (EAIT) Convention, Manchester, UK.
- **Kilinc, S.**, Aldemir, T., Sabanwar, V., Bicer, A., & Song, D. (2025). *Enhancing Research Questions and Hypothesis Development Through AI Chatbot Assistance in Rural Agricultural Education*. Presented at the Association of Educational Communications & Technology (AECT) International Convention, Las Vegas, NV, USA.
- Sabanwar, V., Aldemir, T., **Kilinc, S.**, Bicer, A., & Song, D. (2025). *Exploring Computational Thinking skills in the era of GenAI in K-12 education*. Presented at the Association of Educational Communications & Technology (AECT) International Convention, Las Vegas, NV, USA.
- **Kilinc, S.**, Aldemir, T., Sabanwar, V., Bicer, A., & Song, D. (2025). *AI Chatbot Coaching for Elevating Student Research*. Poster presented at the ACM Conference on International Computing Education Research (ICER), Charlottesville, VA, USA.
- **Kilinc, S.** & Ozturk, G. (2025). *Innovative Hybrid Science Education: Integrating Citizen Science & Digital Learning for Future-Ready Teachers*. Presented at the National Association for Research in Science Teaching (NARST) Annual International Conference, National Harbor, MD, USA.
- **Kilinc, S.**, & Ozturk, G. (2024). *Evaluation of the Effect of Citizen Science Projects on the Scientific Competences of Pre-Service Teachers*. Presented at the National Science and Mathematics Education Congress, Edirne, Turkey.
- **Kilinc, S.** (2024). *Shifting Paradigms: Ethical Approaches and Integrity Guidelines for AI-Assisted Assessments in Learning*. Presented at the International Conference on Educational Technology and Online Learning (ICETOL), Eskisehir, Turkey.
- **Kilinc, S.**, Geban, O., & Ozturk, G. (2018). *Exploring Instructors' Perceptions of A Faculty Of Education In Turkey About STEM Education*. Presented at the Annual European Conference on Educational Research (ECER), Bolzano, Italy.
- **Kilinc, S.**, Sarici, E., Soysal, C., & Kondakci, E. (2017). *Contribution of the argumentation-based laboratory to pre-service chemistry teachers' microscopic explanations of chemistry concepts*. Presented at the National Association for Research in Science Teaching (NARST) Annual International Conference, San Antonio, TX, USA.
- Soysal, C., Sarici, E., **Kilinc, S.**, & Kondakci, E. (2017). *Development of Pre-service Chemistry Teachers' Argumentation Skills in Implementing Science Writing Heuristic at Chemistry Laboratory Subject/Problem*. Presented at the National Association for Research in Science Teaching (NARST) Annual International Conference, San Antonio, TX, USA.
- Ekiz Kiran, B., Kutucu, E. S., **Kilinc, S.**, Soysal, C., & Boz, Y. (2016). *Pre-Service Chemistry Teachers' Level of Explaining Daily Life Events Using Their Chemistry Knowledge*. Presented at the National Science and Mathematics Education Congress, Trabzon, Turkey.

Invited Lectures & Workshops

- From Questions to Insights: Demonstrating Qualitative Design in Action (2025). *Guest lecture for EDCI 690, Department of Teaching, Learning & Culture, Texas A&M University, USA.*
- Citizen-Science + IoT: Pathways to Authentic STEM & Future-Ready Teachers (2025). *Guest lecture for ENGR/SCIED 497F, Department of Teaching, Learning & Culture, Texas A&M University, USA.*
- Generative AI and Custom GPT Usage in STEM Projects (2025). *Invited lecture, TED Ankara College (Online), Ankara, Turkey.*
- Citizen Science Projects in Authentic Research (2023). *Workshop on Climate Change and Environment, Ankara, Turkey.*
- Distance Education and LMS Integration into Teaching (2020 & 2021). *Workshop, Middle East Technical University, Ankara, Turkey.*

PROJECTS

Artificial Intelligence Mentorship for Rural Education

01/2025 – 01/2026 | Texas, USA

Educational Innovation Project

- Co-designed and implemented a 16-week AI-enhanced agriculture-STEM curriculum for 80+ middle school students at Caldwell Junior High, emphasizing core computational thinking practices.
- Integrated Arduino-based IoT sensors and a custom AI chatbot tutor to scaffold inquiry, troubleshooting, and data analysis with authentic environmental data.
- Led co-design and professional development with teachers to adapt curriculum materials, sensor kits, and assessments to rural school contexts.
- Coordinated an expansion with Caldwell and Brenham Junior High Schools and leveraged implementation data for multiple conference presentations and journal manuscripts.

Permaculture Chatbot & Engineering-Design Mentorship

10/2024 – Present | Turkey

Educational Design Project

- Designed a custom AI chatbot to scaffold the Engineering Design Process for 12th-grade environmental science students working on permaculture projects.
- Implemented a two-day unit with ~70 students, introducing chatbot use, design thinking, and core permaculture principles.
- Guided student teams as they used the chatbot to plan and prototype evidence-based solutions and document design decisions.
- Collected interaction logs and performance data to iteratively refine the chatbot, generate research outputs, and prepare a second implementation (Jan 2026) within the Google Classroom + Gemini ecosystem.

IoT-Enabled Citizen Science: Real-Time Air Quality Monitoring

09/2022 – 02/2023 | Turkey

Dissertation Project

- Designed and built WHO-aligned Arduino-based mobile air-quality monitor ($PM_{2.5}$, PM_{10} , key gas pollutants) with real-time display and data log.
- Integrated the device into a science methods course with 12 preservice teachers as an authentic citizen-science project.
- Supported preservice teachers in posing research questions, collecting air-quality data across diverse campus locations, and analyzing and visualizing the datasets.
- Facilitated data-informed presentations and recommendations to university leadership and documented the project in a short field video.

Determining of Education Faculties' STEM Readiness

01/2017 – 12/2017 | Turkey

Scientific Research Project

- Assessed the STEM readiness of education faculty members and preservice teachers after STEM education was introduced into the curriculum.
- Collected survey and interview data to identify needs in instructional technology use, interdisciplinary collaboration, and perceptions of STEM.
- Produced a policy report that informed Turkish Higher Education Council professional-development and curriculum-reform efforts.

TEACHING EXPERIENCES

U.S. Teaching & Professional Development

2025 – Present | TX, USA

Texas A&M University & Caldwell Junior High School

- Co-designed and taught a 16-week AI-enhanced agriculture-STEM program for 80+ junior high students, combining co-teaching cycles with independently led lessons focused on computational thinking and scientific reasoning.
- Modeled inquiry-based, project-based instruction in the classroom and provided real-time scaffolding as students used AI chatbots and Arduino-based IoT sensors to investigate authentic agricultural problems.
- Designed and facilitated ongoing, job-embedded professional development and coaching for partner teachers on integrating AI tools and sensor data into their daily lessons and assessment practices.

University-Level Instruction & Mentoring

2015 – 2024 | Turkey

Middle East Technical University

Instructor & Course Designer (Undergraduate & Graduate Courses)

- SSME518 & MSE329 - *Instructional Tech & Material Development (Face-to-Face & Hybrid, BS & MS)*
 - Led both graduate and undergraduate courses from concept to execution. Designed curricula focused on developing IoT-based environmental monitoring projects using Arduino.
 - Pioneered the integration of Generative AI into the course, empowering students to create innovative, adaptive learning content.
- MSE405 - *Lab Applications in Science Education I (Face-to-Face, BS)*
 - Headed hands-on laboratory sessions for chemistry education, focusing on building students' critical thinking, experimental design, and scientific reasoning skills.

Teaching Assistant & Mentor (Graduate Courses)

- MSE603, MSE602, MSE502 - *Research Methods & Qualitative Research & Advanced Research (Face-to-Face & Online, MS & PhD)*
 - Provided mentorship to MS/PhD students in qualitative and quantitative educational research methods and research ethics.
 - Guided students through complex methodologies from research design to data analysis.

Teaching Assistant & Mentor (Undergraduate Courses)

- MSE409 & MSE410 - *Practice Teaching I and II (Face-to-Face, BS)*
 - Supervised pre-service teachers' practicums in local high schools, providing structured, actionable feedback on instructional delivery, classroom management, and pedagogical strategies to accelerate their professional growth.
- MSE310 & MSE411 & MSE305 - *Secondary Science Teaching Methods I and II & Assessment in Science Education (Face-to-Face, BS)*
 - Facilitated interactive training on science teaching methodologies and the design of effective assessment tools.

Teacher Mentoring & Instructional Design

Bestepe College & TED Ankara College

2019 – 2024 | Turkey

- Coached IB science teachers through year-long professional development cycles, including classroom observations, feedback conferences, and collaborative planning.
- Facilitated workshops on inquiry-based and interdisciplinary curriculum design, student-centered assessment, and the use of digital and AI tools to support K-12 science learning.
- Designed and delivered interactive sessions for students and teachers on the ethical and productive use of Generative AI to foster digital literacy.

K-12 Classroom & Intern Experience

Jale Tezer High School & Ankara Anatolian High School & METU High School

2013 – 2015 | Turkey

- Designed and delivered curriculum-aligned chemistry lessons for high school students, integrating hands-on laboratory experiments and digital resources to support diverse learners.
- Completed supervised teaching practicums in multiple high schools, collaborating with mentor teachers on lesson planning, lab management, and providing one-on-one academic support to students.

PROFESSIONAL SERVICE

Journal Reviewer

- Computers & Education Open
- Teaching and Teacher Education
- Frontiers in Education
- Education Innovations: Systems and Future Learning (EISFL)
- AIS Transactions on Human-Computer Interaction
- International Journal of Science, Technology and Society
- Acta Infologica (ACIN)
- Turkish Journal of Educational Sciences

Conference Program Committee

- The International Society of the Learning Sciences (ISLS) Annual Meeting 2025
- National Science and Mathematics Education Congress 2024

Conference Reviewer

- The International Society of the Learning Sciences (ISLS) Annual Meeting 2026
- Association for Educational Communications and Technology (AECT) Online Conference 2026
- National Association for Research in Science Teaching (NARST) Annual International Conference 2026
- American Educational Research Association (AERA) Annual Meeting 2026
- National Association for Research in Science Teaching (NARST) Annual International Conference 2025
- National Science and Mathematics Education Congress 2024

SKILLS

Science Education & Learning Sciences

- Technology-enhanced K-12 and higher education science curricula design grounded in inquiry, modeling, and engineering design.
- Teacher professional development in science education and AI/EdTech integration, including workshop design, co-teaching, and ongoing coaching.
- Translating learning sciences and STEM education research into scalable classroom-ready tools, assessments, and PD resources.

Research Methodologies

- Mixed-methods research on technology-enhanced STEM and AI-in-education contexts.
- Qualitative approaches, including semi-structured interviews, focus groups, classroom observations, document and artifact analysis, and thematic/content analysis (MAXQDA).
- Quantitative approaches, including survey design and validation, scale development, experimental and quasi-experimental designs, and inferential statistics (t-tests, ANOVA, regression), plus instrument development for questionnaires, rubrics, and performance assessments.
- Learning analytics and multimodal data analysis, including log/clickstream and time-on-task data, video-based classroom interaction coding, and Epistemic Network Analysis (ENA).

AI & Instructional Technology & Software Engineering

- Design and evaluation of online, hybrid, and blended courses using instructional design models, TPACK, and AI-TPACK frameworks.
- Development of AI-driven tutoring systems, chatbots, and adaptive learning environments, with attention to ethics, feedback, and learner support.
- IoT-based learning environments using Arduino sensor networks and real-time data dashboards to support inquiry and data literacy.
- Programming for educational research and data systems (Python, basic Java) and rapid prototyping of research tools and pipelines.
- LMS and educational platforms (Canvas, Moodle, Google Classroom, etc.) for course design, analytics, and integration of external tools.

Collaboration & Leadership

- Mentoring K-12 teachers and preservice teachers in STEM, AI literacy, assessment, and classroom implementation of new tools.
- Coordinating interdisciplinary teams of educators, technologists, designers, and researchers across schools and universities.
- Competitive grant development, reporting, and multi-site project coordination with school districts and community partners.
- Designing & facilitating professional development workshops and co-design sessions in STEM and AI in education.

CERTIFICATES

AI & Programming & Engineering

- Advanced AI App Design for Educators (PLC 201), Playlab.ai, 2025
- AI for Education Summit, AI for Education, 2024
- Career Essentials in Generative AI, Machine Learning, and Ethics, Microsoft & LinkedIn, 2023
- Python 3 Programming Specialization, University of Michigan (Coursera), 2022
- Complete Python Bootcamp: From Zero to Hero, Udemy, 2021
- Information Technologies Certificate (1-year program), METU CEC, 2021

Research Methodologies

- Instructional Design Foundations and Applications, University of Illinois Urbana-Champaign, 2025
- Data Science Methodology, IBM (Coursera – Alex Aklson & Polong Lin), 2022
- Qualitative Research, University of California, 2021
- Understanding Clinical Research: Behind the Statistics, Univ. of Cape Town, 2020
- Computer-Assisted Qualitative Data Analysis (MAXQDA certified training), 2019
- Methods & Statistics in Social Sciences Specialization, Univ. of Amsterdam, 2019

Leadership and Management

- Project Management & Career Development Specialization, University of California (Coursera), 2025
- Team & Project Management (32-week School of Leadership program), 2021
- Mentoring Program (8-month, Association for Coaching-accredited), 2019
- Creative Drama Leadership (1-year certificate), Contemporary Drama Association, 2014

MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS

- The International Society of the Learning Sciences (ISLS)
- National Association for Research in Science Teaching (NARST)
- American Educational Research Association (AERA)
- Association for Computing Machinery (ACM)
- Association for Educational Communications and Technology (AECT)

COMMUNITY ENGAGEMENTS

ANKA Youth Association

2020 – present

Society Member

- Organized international youth projects under Erasmus+ (e.g., “EthiTech: Fostering Responsible Digital Citizenship in Youth” in Romania), recruiting participants and promoting digital literacy and intercultural dialogue.
- Coordinated online Speaking Clubs (e.g., “AI & The Future”, “Is Money Key to Happiness”), facilitating discussions on AI, ethics, and societal issues for youth development.
- Supported hybrid internship programs (e.g., “Unlock Your Potential” with Jugendvision e.V., Germany), connecting Turkish youth to global opportunities in project management and digital media.
- Contributed to the “#DijitalKöprüler: Strengthening Intercultural Dialogue through Responsible Digital Citizenship” event (Antalya, Turkey), which featured hands-on workshops on digital ethics, online security, and intercultural exchange—an initiative aligning closely with the themes of my dissertation.

Turkish Intelligence Foundation

2018 – present

Volunteer Staff

- Contributed to the annual “Intelligence and Talent Congress” (2013–Present), assisting with logistics and facilitating sessions on intelligence, talent development, and educational innovation at METU.
- Supported Turkey Intelligence Foundations Meetings (animation science and healthy nutrition), engaging educators and students.
- Assisted with session planning, breakout workshops, and expert panel logistics addressing topics such as gifted education, innovative testing methods, and the role of social communication in talent development.
- Supported the “Inter-School Intelligence Games Championship” (2019–present), coordinating nationwide events to enhance students’ problem-solving skills.

Darüşşafaka Society

2017 – present

Community Volunteer

- Participated in fundraising campaigns with companies and individuals to secure donations for underprivileged students’ education.
- Served as a mentor in the society’s mentorship program, guiding graduates in career planning and academic growth by one-on-one support.
- Facilitated student-professional networking events, connecting students with industry experts to promote educational equity.

METU Alumni Association

2016 – present

Member

- Contributed to various activities—including social, cultural, and professional development events—and actively participated in committees (e.g., Event, Communication, and Disaster & Emergency Assistance Committees).
- Coordinated and facilitated mentorship programs for numerous university students, providing career guidance and networking opportunities.
- Played a significant role in the February 2023 Turkey earthquake relief efforts by organizing donation drives, coordinating packaging, and ensuring efficient aid distribution to affected communities.
- Collaborated with cross-functional teams to enhance volunteer engagement and streamline logistical operations for big events.

The Educational Volunteers Foundation of Turkey

2013 – present

Education Volunteer

- Actively contributed to various fundraising events and donation campaigns that support underprivileged children’s educational opportunities.
- Supported developing and disseminating engaging educational content through TEGV Akademi for children, parents, volunteers, and teachers.
- Participated in aid collection, packaging, and distribution activities, particularly during the February 2023 earthquake.

LANGUAGES

Turkish

Native Language



German

Basic German skills with continual improvement



English

Advanced English is demonstrated through academic pursuits, including earning degrees, publishing research, and presenting at international conferences.



REFERENCES

Gokhan Ozturk, Assist. Prof. Dr., Middle East Technical University
gozturk@metu.edu.tr, +90 312 210 4063

Murat Kol, Assist Prof. Dr., Oregon State University
kolm@oregonstate.edu, 541-737-7513

Esen Uzuntiryaki Kondakci, Prof. Dr., Middle East Technical University
esent@metu.edu.tr, +90 312 210 4067

Yezdan Boz, Prof. Dr., Middle East Technical University
yezdan@metu.edu.tr, +90 312 210 3688