

CV

1. **Name and Surname:** Canan Mesutoğlu

2. **Education:** PhD

Degree	Field	University	Year
Bachelor's(first cycle)	Science Education	Bogazici University	2007
Master's(second cycle)	Guidance and Psychological Counseling	Middle East Technical University	2012
Ph.D.(thrd cycle)	Curriculum and Instruction	Middle East Technical University	2017

3. **Academic titles, dates and institution of employment:**

- **Assist. Prof.** as of January 2019, Istanbul Aydın University

- **Research Assistant, 11/2009 - 05/2017**

Department of Educational Sciences, Middle East Technical University, Ankara, Turkey

Additional duties: Center for STEM Education

6. **Master and Ph.D. Theses supervised:**

6.1. **Master theses:**

6.2 **Ph.D. theses:**

7. **Scientific Publications**

7.1. **Articles published in internationally acclaimed journals (SCI & SSCI & Arts and Humanities)**

7.2 . Scientific articles published in other refereed international journals

Baran, E., Canbazoğlu-Bilici, S., **Mesutoglu, C.**, & Ocak, C. (2019). Investigating the impact of an out-of-school STEM Education program on students' attitudes towards STEM and STEM careers. *School Science and Mathematics*, 119(4), 223–235. [Peer-reviewed, ERIC, ESCI, HW Wilson, EBSCO]

Baran, E., Çilsalar, C., & **Mesutoğlu, C.** (2017). Investigating the preservice teachers' knowledge sources for classroom management: A case study. *Kastamonu Education Faculty Journal*, 25(1), 155–170. [Peer-reviewed, EBSCO, Ulakbim TR Dizin, citation :1]

Baran, E., Canbazoğlu-Bilici, S., **Mesutoğlu, C.** & Ocak, C. (2016). Moving STEM beyond schools: Students' perceptions about an out-of-school STEM education program. *International Journal of Education in Mathematics, Science and Technology*, 4(1), 9–19. [Peer-reviewed, ERIC, ESCI, Ulakbim TR Dizin, citation: 48]

7.3. Scientific presentations presented at and published in the proceedings of international scientific conferences

Birgili, B. & **Mesutoğlu, C.** (2018). *A comparative analysis of K-5 science and mathematics curricula in Ireland and Turkey*. European Educational Research Association Annual Meeting (ECER), Bolzano, Italy, September, **4-7, 2018**.

Mesutoglu, C. & Corlu, M. S. (2018). *earlySTEM teachers' classroom practices and views regarding the earlySTEM Program*. Association for Teacher Education in Europe (ATEE) Winter Conference, Utrecht, The Netherlands, **February 17-18, 2018**.

Mesutoglu, C. & Corlu, M. S. (2018). *earlySTEM Program: Investigation of teachers' views and experiences*. 66th Annual National Science Teachers Association Conference, Atlanta, GA, USA, March, **15– 18, 2018**.

Baran, E. & **Mesutoğlu, C.** (2015). *A systematic review of the literature on learning progressions in science education: Developing critical elements*. American Educational Research Association (AERA) 2015 Annual Meeting, Chicago, IL, USA, **April 16-20, 2015**.

Mesutoğlu, C. & Birgili, B. (2015). *Targeting misconceptions in teacher education: Views and practices of pre-service science and mathematics teachers.* VII. International Congress of Educational Research, Muğla Sıtkı Koçman University, Turkey, **May 29-31, 2015.**

Mesutoğlu, C. & Demir, A. (2015). *Lise öğrencilerinde aile işlevselliği algısı ve cinsiyete dair farklılıklar.* VII. International Congress of Educational Research, Muğla Sıtkı Koçman University, Turkey, **May 29-31, 2015.**

7.4. Scientific book(s) and chapter(s) in book(s) published by international publishers

7.5. Scientific articles published in refereed national journals(in Turkish, as they appear CV in Turkish)

Ünlü Kaynakçı, F. Z. & **Mesutoglu, C. (2018).** Migrant and seasonal farm worker children: An ecological systems analysis. *Karaelmas Journal of Educational Sciences*, 6(1), 1–11. [Peer-reviewed, Google Scholar, ASOS Index, citation: 2]

Mesutoğlu, C. & Birgili, B. (2017). Awareness of misconceptions in science and mathematics education: Perceptions and experiences of pre-service teachers. *Journal of Kırşehir Ahi Evran University Faculty of Education*, 18(2), 525–545. [Peer-reviewed, EBSCO, Ulakbim TR Dizin]

Baran, E., Canbazoğlu-Bilici, S. & **Mesutoğlu, C. (2015).** Science, technology, engineering, and mathematics (STEM) public service announcement (PSA) development activity [Fen, teknoloji, mühendislik ve matematik (FeTeMM) spotu geliştirme etkinliği] *Journal of Inquiry Based Activities [Araştırma Temelli Etkinlik Dergisi]*, 5(2), 60–69. [Peer-reviewed, TR Index, ASOS Index, citation: 54]

7.6. Scientific presentations presented at and published in the proceedings of national scientific conferences((in Turkish, as they appear CV in Turkish)

Mesutoğlu, C. (2014). *Views of science teachers and academicians on the 2013 Sciences Curriculum for the 5th grade.* 11th National Science and Mathematics Education Congress, Çukurova University, Adana, Turkey, **September 11-14, 2014.**

Somuncuoğlu, S. & **Mesutoğlu, C.** (2014). *Transferring the women who enlightened our path to young generations: An exemplary project “My Madame Curie”*. Writing Women’s Lives International Symposium, Yeditepe University, Istanbul, Turkey, **April 19-20, 2014**.

Mesutoğlu, C. et al. (2014). *The views of teachers, students and parents regarding the change in school uniform policy*. 1st Eurasian Educational Research Congress, Istanbul University, Turkey, **April 24-26, 2014**.

Güneri, O. Y., **Mesutoğlu, C.** & Ünlü, F. Z. (2013). *Emotional and behavioral problems of middle school students: The role of being seasonal agricultural worker and some demographic variables*. 12th National Guidance and Psychological Counseling Conference, Boğaziçi Üniversitesi, **September 8-11, 2013**.

Mesutoğlu, C., Aydın, G., & Yerin-Güneri, O. (2011). *The role of gender, age, social skills and shyness in predicting pre-service teachers’ internet use*. 11th National Congress of Guidance and Psychological Counseling, Ege University, İzmir, Turkey, **October 3-5, 2011**.

7.7. Other publications

Presentations as Invited Speaker:

Mesutoğlu, C. (2018). *STEM education and young learners*. Gulen Ustunel Kindergarden, Istanbul, **December 17, 2018**.

Mesutoğlu, C. (2018). *Phenomenon-based education*. Faculty of Educational Sciences, Bahçeşehir University, Istanbul, **April 18, 2018**.

Mesutoğlu, C. & Sarıçam, U. (2018). *Workshop for teachers: STEM Junior Program*. V. Educational Technology Summit, Istanbul, **March 3, 2018**. <http://www.egitimteknolojilerizirvesi.com/>

Mesutoğlu, C. (2017). *earlySTEM: STEM pedagogy and learning in elementary schools*. V. Zeka ve Yetenek Kongresi, ODTU, Ankara, **November 4 – 5, 2017**. <http://kongre.tzv.org.tr/2017/>

Mesutoğlu, C. & Evinç, B. (2017). *earlySTEM: STEM for elementary schools*. MEF University, Education is Future Conference, EGK2017, Istanbul, Turkey, **November 10 – 12, 2017**.

8. Scientific projects

TUSIAD (2018-2019). Project Management Team. STEM Education Project for Industry 4.0 in Vocational and Technical High Schools. Collaboration between Istanbul Aydın University and Turkish Industry and Business Association (TUSIAD). PI: Dr. Devrim Akgündüz

UNESCO Turkey and Istanbul Aydın University (2018). Instructor. STEM Education Program for girls of disadvantaged schools. **December 11-12, 2018**. <http://bit.ly/2m6PEDr>

BAUSTEM Center, Bahçeşehir University (2017-2018). Program Coordinator. earlySTEM Curriculum Development Program. PI: Dr. M. Sencer Corlu

Çakıroğlu, E., & Baran, E. (2017). Instructor. STEM training for teachers. Supported by BILTEMM, Middle East Technical University, Ankara, Turkey, and by Cukurova Development Agency, Adana, Turkey, **March 20-24 & 27-31, 2017**.

Mesutoğlu, C., Baran, E., & Çakıroğlu, E. (2017). Co-Principle Investigator and Instructor. Design, Make, Learn: Professional development program for middle school science teachers on engineering design. Middle East Technical University, Ankara, Turkey. Supported by BILTEMM (Center for Science, Technology, Engineering, and Mathematic Education) and METUWIND, Middle East Technical University, **March 4-5, 2017**.
<https://tasarlayapogren.wordpress.com>

Karahan, E., Canbazoglu-Bilici, S. & Baran, E. (2017). Guide. Professional science teacher development program on problem based STEM (Science, Technology, Engineering, Mathematics) Education. Osmangazi University, Eskisehir, Turkey. Funded by The Scientific and Technological Research Council of Turkish Research Council, **January 15-23, 2017**.

Çakıroğlu, E. & Baran, E. (2016). Instructor. Professional teacher development program on STEM Education. Supported by BILTEMM, Middle East Technical University, Ankara, Turkey, **June 29-31, 2016**.

Baran, E., Çakıroğlu, E. & Canbazoglu-Bilici, S. (2015). Guide. Young inventors designing the future: Science, Technology, Engineering and Mathematics (STEM) Education, Middle East Technical University, Ankara. Funded by The Scientific and Technological Research Council of Turkish Research Council, **March, 7-8 & 14-15, 2015**.

Canbazoglu-Bilici, S., Baran, E. & Yamak, H. (2014). Guide. Educational applications for science teachers on technological pedagogical content knowledge (TPACK) Project. Funded by The Scientific and Technological Research Council of Turkish Research Council, **August, 18-27, 2014**. <http://www.tpabuygulamalari.com>

Flying Broom (Uçan Süpürge) Women Communication and Research Association. (2014-2015). Voluntary Specialist. “My Madame Curie”: **The stories of four women scientists into making an animated movie for 4th grade students**, Turkey. In collaboration between by Turkish Ministry of National Education and European Union.

9. Administrative positions

Director: Educational Sciences and Technologies Center, Istanbul Aydın University

10. Membership in scientific and professional organisations

Fulbright Alumni Association

Bogazici University Alumni Association

11. Awards received

Fulbright Visiting Ph.D. Student & Researcher Award,

University of California, Berkeley, Graduate School of Education, CA, US

12. Courses given at undergraduate and graduate level in the last two years(please use the table below)

Academic year	Semester	Course title	Weekly hours		Number of students
			Theoretical	Laboratory	
2018-2019 Istanbul Aydin University	Spring	Research Methods	3		60
		Educational Psychology	2		39
		Educational Sociology	2		65
	Fall				

Note: If applicable, courses given summer semesters will be included.

Academic year	Semester	Course title	Weekly hours		Number of students
			Theoretical	Laboratory	
2017-2018 Bogazici University	Spring	Developmental Experiences in Mathematics and Science	3		41
	Fall				
		Academic Orientation to Math and Science Education	2		32