Curriculum Vitae

Murat Kahveci, Ph.D.

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Murat Kahveci

Summary: Principal Investigator (2005 - Present). Ph.D. (2005), MS. (2003), M.S. (2001), Florida State University, Tallahassee, FL.

Curriculum Vitae

Contact Info

Email Facebook Twitter Google Scholar LinkedIn

Research Interests

In the fields of Chemistry Education Research (CER) and Secondary Science Education, Dr. Kahveci works on affective dimensions, psychometric measurements, educational technology, instructional interactivity, and conceptual learning. His research group at DePaul University mainly utilizes quantitative methodologies and advanced inferential statistics techniques. Latest developments in these areas are posted to the blog and publications sections.

Education

- Ph.D. in Science Education (2005), awarded by Florida State University, Tallahassee, FL
- M.S. in Physical Chemistry (2003), awarded by Florida State University, Tallahassee, FL
- M.S. in Science Education (2001), awarded by Florida State University, Tallahassee, FL
- B.S. in Chemistry Education (1997), awarded by Gazi University, Ankara

Licensure

- Professional Educator License (2018–2024), awarded by Illinois State Board of Education

Work Experience

- Teaching Assistant Professor of Chemistry Education (Dec 2016 – Present)
    - Department of Chemistry and Biochemistry
    - DePaul University, Chicago
- Adjunct Professor of Chemistry Education (Aug 2017 – Aug 2019)
    - Department of Biological, Physical and Health Sciences
    - Roosevelt University, Chicago
- Adjunct Professor of Chemistry Education (Jan 2019 – Jun 2019)
    - Department of Physical Sciences and Engineering
    - City Colleges of Chicago, Chicago
- Associate Professor of Chemistry Education (Feb 2008 – Aug 2016)
    - Department of Secondary Schools Science and Mathematics Education
    - Çanakkale Onsekiz Mart University, Çanakkale
- Senior Researcher and Evaluation Associate (Dec 2006 - Jan 2008)
    - Center for Mathematics and Science Education
    - University of Chicago, Chicago
- Dr. Lecturer (Sep 2005 - Jan 2007)
    - Department of Secondary Schools Science and Mathematics Education
    - Bosphorus University, Istanbul
- Program Specialist (Mar 2004 - Aug 2005)
    - Southeast Eisenhower Regional Consortium for Mathematics and Science Education (SERC)
    - SERVE, Tallahassee
- Research/Teaching Assistant (Jun 2000 - May 2003)
    - Department of Chemistry and Biochemistry
    - Florida State University, Tallahassee

Short Term Appointments

- Independent Expert (2012)
    - Served as the member of the expert team assigned by DG Research & Innovation of the European Commission.
    - Technopolis Group, Fraunhofer ISI and Science-Metrix, Brussels

- Independent Expert Evaluator (2010)
    - Reviewed grant proposals submitted to FP7 Science in Society 2010-1 and FP7 Science in Society Program 2010-CAREERS at European Union.
    - European Union, Brussels
- Independent Expert Evaluator (2009)
    - Reviewed grant proposals submitted to FP7 Science in Society 2009-1: Innovative Methods in Science Education Program at European Union.
    - European Union, Brussels
- Independent Expert Evaluator (2008)
    - Reviewed grant proposals submitted to FP7 Science in Society 2008-1: Innovative Methods in Science Education Program at European Union.
    - European Union, Brussels

Projects

9. Affective states and online teaching in chemistry education (2020 - Present)

8. Alternative assessment method in biochemistry education: Graphical representation of oxygen binding and delivery (2017 - 2018)

7. Integrating learning objects into D2L to promote student learning of difficult scientific concepts (2017 - 2018)

6. Impact of instructional interactivity in chemistry education (2015 - 2016)

5. Workshop for in-service science teachers (January 2014)

4. Pedagogical discontentment and self-efficacy of science teachers (2013 - 2015)

3. Physical chemistry education and learning objects (2012 - 2014)

2. Applying research on science materials implementation: Bringing measurement of fidelity of implementation (FOI) to scale (2007 - 2008)

1. EcoVentures: Focus on the Gulf (2000 - 2001)

Publications

Books

60. Kahveci M, & Orgill MK. (Eds.). (2015). *Affective dimensions in chemistry education*. Berlin Heidelberg: Springer-Verlag. doi: 10.1007/978-3-662-45085-7 .

59. Kahveci M. (2015). *Majors' gender-based affective states toward learning physical chemistry*. In M Kahveci, & M Orgill (Eds.). *Affective dimensions in chemistry education* (pp. 297–318). Berlin Heidelberg: Springer-Verlag. doi: 10.1007/978-3-662-45085-7 .

58. Kahveci M. (2009). *Shared perceptions of professors about instructional interactivity*. Saarbrücken: VDM Verlag Dr. Müller.

57. Kahveci M. (2005). *The perceptions of professors at colleges of education about instructional interactivity*. Doctoral dissertation, Florida State University, Tallahassee, Florida, USA.

56. Kahveci M. (2003). *Microdevice fabrication by softlithography and nonlinear phenomena in microchannels*. Master's thesis, Florida State University, Tallahassee, Florida, USA.

55. Kahveci M. (2001). *The summative evaluation of the EcoVentures program in terms of its interactivity component*. Master's thesis, Florida State University, Tallahassee, Florida, USA.

Journal Articles

54. Muten Y, & Kahveci M. (working). Dominant modalities of remote learning in chemistry education.

53. Kahveci A, Kahveci M, Mansour N, & Alarfaj MM. (2018). Exploring science teachers' affective states: Pedagogical discontentment, self-efficacy, intentions to reform, and their relationships. *Research in Science Education, 48*(6), 1359–1386.

52. Kahveci M, Kahveci A, Mansour N, & Alarfaj M. (2016). Construct validity and reliability measures of scores from the Science Teachers' Pedagogical Discontentment (STPD) scale. *Eurasia Journal of Mathematics, Science & Technology Education, 12*(3), 549-558.

51. Kahveci M, & Imamoglu Y. (2014). Re-analysis of PISA 2003 data about students' mathematics anxiety, self-efficacy, and motivation. *Journal of Research in Education and Society, 1*(1), 1-22.

50. Kahveci M, & Imamoglu Y. (2014). Use of technology and attitudes towards technology: An international analysis of the PISA 2003 data. *Journal of Research in Education and Society, 1*(1), 45-63.

49. Southerland SA, Saka Y, Nadelson L, Kahveci M, Sowell S, & Granger EM. (2012). Measuring one aspect of teachers' affective states: Development of the science teachers' pedagogical discontentment scale. *School Science and Mathematics, 112*(8), 483-494.

48. Kahveci M. (2010). Students' perceptions to use technology for learning: Measurement integrity of the modified Fennema-Sherman attitudes scales. *Turkish Online Journal of Educational Technology, 9*(1), 185- 201.

47. Kahveci M. (2007). An instrument development: Interactivity Survey (IS). *Journal of Educational Technology & Society, 10*(3), 163-174.

46. Kahveci M, & Imamoglu Y. (2007). Interactive learning in mathematics education: Review of recent literature. *Journal of Computers in Mathematics and Science Teaching, 26*(2), 137-153.

45. Kahveci M. (2006). Instructional interactivity endeavor and Spiral Dynamics. *Bogazici University Journal of Education, 20*(1), 11-24.

44. Ginn BT, Steinbock B, Kahveci M, & Steinbock O. (2004). Microfluidic devices for the Belousov-Zhabotinsky reaction. *Journal of Physical Chemistry A, 108*, 1325-1332.

Conference Papers

43. Kahveci M, & Jin L. (2018). *Measuring conceptual understanding on oxygen binding and delivery in a biochemistry course*. Paper presented at Biennial Conference on Chemical Education (BCCE). Notre Dame, IN, USA. July 29 – August 2, 2018.

42. Kahveci M, & French T. (2017). *Integrating learning objects into D2L to promote student learning of difficult scientific concepts*. Paper presented at DePaul University Teaching and Learning Conference. Chicago, IL, USA. May 5, 2017.

41. Kahveci M, & Jin L. (2017). *Alternative assessment method in biochemistry education: Graphical representation of oxygen binding and delivery*. Paper presented at DePaul University Teaching and Learning Conference. Workshop. Chicago, IL, USA. May 5, 2017.

40. Kahveci M. (2016). *Advancing chemistry education research: Dual-Process Theories, Learning Objects and Student Response Systems* (**Keynote Lecture**). Paper presented at the European Conference on Research in Chemical Education (ECRICE), Barcelona. September 7 – 10, 2016.

39. Kahveci M. (2015). *A project idea on working definition of IBSE in Europe through artificial intelligence*. Paper presented at the European Commission and SiS.net. (Brokerage Event). Brussels, Belgium. May 22, 2015.

38. Kahveci M. (2015). *A project idea on working definition of IBSE in Europe through artificial intelligence*. Paper presented at the IOSTE Eurasian Regional Symposium and Brokerage Event Horizon 2020, Istanbul, Turkey. April 24 – 26, 2015.

37. Kahveci M, Kahveci A, Mansour N, & Alarfaj MM. (2015). *Construct validity and reliability measures of scores from the Science Teachers' Pedagogical Discontentment (STPD) Scale*. Paper presented at the National Association for Research in Science Teaching International Conference (NARST). Chicago, IL, USA. April 11 - 14, 2015.

36. Kahveci M. (2015). *Affective factors and instructional interactivity in education*. Paper presented at the Association of Private Schools Society in Turkey. Kaya Plazzo Hotel, Antalya, Turkey. January 28 - 31, 2015.

35. Kahveci M. (2015). *Introduction to Moodle Learning Management System and use of learning objects*. Paper presented at the Association of Private Schools Society in Turkey. [Workshop]. Kaya Plazzo Hotel, Antalya, Turkey. January 28 - 31, 2015.

34. Kahveci M. (2015). *An account for Inquiry-Based Science Education through Dual-Process Theories*. Paper presented at European Science Education Research Association (ESERA). Helsinki, Finland. August 31 - September 4, 2015.

33. Kahveci M. (2014). *Affective dimensions in chemistry education: Focus on educational technology and learning objects*. Paper presented at the Biennial Conference on Chemical Education (BCCE). [Symposium]. Grand Valley State University, Allendale, MI, U.S.A. Au- gust 3 - 7, 2014.

32. Kahveci M. (2013). *Phase diagrams and conceptual learning*. Paper presented at the National Chemistry Education Conference (UKEK). Karadeniz Technical University, Trabzon, Turkey. September 5 - 7, 2013.

31. Kahveci M. (2013). *Preparing a grant proposal for funding by the European Commission and presenting a grant proposal in chemistry education*. Paper presented at the National Chemistry Education Conference (UKEK). [Workshop]. Karadeniz Technical University, Trabzon, Turkey. September 5 - 7, 2013.

30. Kahveci M. (2013). *Experiences in reviewing proposals under FP7 Program and some tips for improving proposals*. Paper presented at the CARPE Conference. Manchester Metropolitan University, Manchester, UK. November 4 - 6, 2013.

29. Kahveci M. (2013). *Adaptation of learning objects to inquiry-based chemical education: Phase diagrams*. Paper presented at the National Chemistry Education Conference (UKEK). Karadeniz Technical University, Trabzon, Turkey. September 5 - 7, 2013.

28. Kahveci M. (2012). *Affective dimensions in chemistry education*. Paper presented at the Biennial Conference on Chemical Education (BCCE). [Symposium]. Pennsylvania State University, University Park, PA, USA. July 29 - August 2, 2012.

27. Kahveci M. (2012). *Physical chemistry education and learning objects (PChemLO): Affective aspects of implementation*. Paper presented at the Biennial Conference on Chemical Education (BCCE). Pennsylvania State University, University Park, PA, USA. July 29 - August 2, 2012.

26. Kahveci M. (2012). *Physical chemistry education and learning objects (PChemLO): A technological implementation to foster inquiry-based learning and diminish gender differences at higher education*. Paper presented at the 21st Symposium on Chemical and Science Education. [Poster]. TU Dortmund University, Dortmund, Germany. May 17-19, 2012.

25. Kahveci M. (2012). *Affective dimensions in chemistry education: Much left for future research*. Paper presented at the Biennial Conference on Chemical Education (BCCE). Pennsylvania State University, University Park, PA, USA. July 29 - August 2, 2012.

24. Kegler A, Kahveci M, & Kremer K. (2012). *Einstellungen zur Chemie und zum Chemielernen bei türkischen und deutschen Jugendlichen*. Paper presented at the Jahrestagung der Gesellschaft für Didaktik der Chemie und Physik (GDCP). [Poster]. Leibniz- Universität, Hannover, Germany. September 17 - 20, 2012.

23. Kahveci M. (2011). *Depicting chemistry majors' self-perceptions in learning chemistry*. Paper presented at the National Association for Research in Science Teaching (NARST). Orlando, FL, USA. April 3 - 6, 2011.

22. Kahveci M. 2009. *FP7 Science in Society Program: The evaluation process of large scale proposals for coordination and support actions*. Paper presented at the International Conference of Educational Research Association Turkey (EAB). Canakkale, Turkey. May 1 - 3, 2009.

21. Kahveci M. 2009. *Quantifying high school students' self- perceptions in learning chemistry*. Paper presented at the National Association for Research in Science Teaching (NARST). Garden Grove, CA, USA. April 17 - 21, 2009.

20. Kahveci M. (2009). *Analysis of Turkish high-school chemistry examination questions according to Bloom's Taxonomy*. Paper presented at the International Conference of Educational Research Association Turkey (EAB). Canakkale, Turkey. May 1 - 3, 2009.

19. Kahveci M, Coskun S, & Taylan RD. (2008). *Students' motivation to use technology for learning*. Paper presented at the World Conference on Educational Multimedia, Hypermedia and Telecommunications (ED-MEDIA). Vienna, Austria. June 30 - July 4, 2008.

18. Century J, Rudnick M, Freeman C, Isaacas A, Leslie D, & Kahveci M. (2008). *A conceptual framework for fidelity of implementation of instructional materials*. Paper presented at the American Educational Research Association (AERA). New York, USA. March 24 - 28, 2008.

17. Century J, Rudnick M, Freeman C, Leslie D, Kahveci M, & Isaacs A. (2008). *A framework for measuring fidelity of implementation of science instructional materials*. Paper presented at the National Association for Research in Science Teaching (NARST). Baltimore, USA. March 30 - April 2, 2008.

16. Kahveci M. (2007). *Investigating the existence of interactivity in various instructional settings*. Paper presented at the National Association for Research in Science Teaching (NARST). New Orleans, USA. April 15 - 18, 2007.

15. Southerland SA, Sowell S, Kahveci M, Granger EM, & Saka, Y. (2007). *A finer grain understanding of teachers' adoption of reforms?: Development of an instrument to assess science teachers' pedagogical discontentment (STPD)*. Paper presented at the National Association for Research in Science Teaching (NARST). New Orleans, USA. April 15 - 18, 2007.

14. Kahveci, M. & Imamoglu, Y. (2007). Interactive Learning in Mathematics Education: Review of Recent Literature. In R. Carlsen, K. McFerrin, J. Price, R. Weber & D. Willis (Eds.), *Proceedings of SITE 2007–Society for Information Technology & Teacher Education International Conference* (pp. 3269-3276). San Antonio, Texas, USA: Association for the Advancement of Computing in Education (AACE). Retrieved August 30, 2020 from https://www.learntechlib.org/primary/p/25115/ .

13. Kahveci, M. (2007). An instrument development: Interactivity Survey (the IS). In R. Carlsen, K. McFerrin, J. Price, R. Weber & D. Willis (Eds.), *Proceedings of SITE 2007—Society for Information Technology & Teacher Education International Conference* (pp. 809-819). San Antonio, Texas, USA: Association for the Advancement of Computing in Education (AACE). Retrieved August 30, 2020 from https://www.learntechlib.org/primary/p/24650/ .

12. Southerland SA, Sowell S, Kahveci M, Granger EM, & Owen OF. (2006). *Working to measure the impact of professional development activities: Developing an instrument to quantify pedagogical discontentment*. Paper presented at the National Association for Research in Science Teaching (NARST). San Francisco, USA. April 4 - 7, 2006.

11. Kahveci M, & Imamoglu Y. (2006). *Turkish high-school students' attitudes toward learning mathematics*. Paper presented at the International Conference on the Teaching of Mathematics (ICTM). Istanbul, Turkey. June 30 - July 5, 2006.

10. Kahveci M, Oztekin B, & Algedik E. (2006). *Matematiği öğrenmede kendi-kendini kavrama*. Paper presented at the 7. Ulusal Fen Bilimleri ve Matematik Eğitimi Kongresi. Gazi University, Ankara, Turkey. September 7 - 9, 2006.

9. Kahveci M (2004). Instructional interactivity endeavor and the Spiral's Value MEMEs. In L. Cantoni & C. McLoughlin (Eds.), *Proceedings of ED-MEDIA 2004–World Conference on Educational Multimedia, Hypermedia & Telecommunications* (pp. 1387-1391). Lugano, Switzerland: Association for the Advancement of Computing in Education (AACE). Retrieved August 28, 2020 from https://www.learntechlib.org/primary/p/12656/ .

8. Kahveci M & Kahveci A (2004). The significance of interactivity in gender equitable education. In R. Ferdig, C. Crawford, R. Carlsen, N. Davis, J. Price, R. Weber & D. Willis (Eds.), *Proceedings of SITE 2004–Society for Information Technology & Teacher Education International Conference* (pp. 1218-1220). Atlanta, GA, USA: Association for the Advancement of Computing in Education (AACE). Retrieved August 28, 2020 from https://www.learntechlib.org/primary/p/13637/ .

7. Kahveci, M. (2004). The use of interactivity in a graduate class: A case study. In R. Ferdig, C. Crawford, R. Carlsen, N. Davis, J. Price, R. Weber & D. Willis (Eds.), *Proceedings of SITE 2004–Society for Information Technology & Teacher Education International Conference* (pp. 1221-1223). Atlanta, GA, USA: Association for the Advancement of Computing in Education (AACE). Retrieved August 28, 2020 from https://www.learntechlib.org/primary/p/13638/ .

6. Kahveci A & Kahveci M (2004). Instructional interactivity and technology components of a freshman chemistry course. In R. Ferdig, C. Crawford, R. Carlsen, N. Davis, J. Price, R. Weber & D. Willis (Eds.), *Proceedings of SITE 2004–Society for Information Technology & Teacher Education International Conference* (pp. 1215-1217). Atlanta, GA, USA: Association for the Advancement of Computing in Education (AACE). Retrieved August 28, 2020 from https://www.learntechlib.org/primary/p/13636/ .

5. Kahveci M. (2003). *The significance of interactivity, learning cycle, and content knowledge in science teaching and teacher preparation programs*. Paper presented at the International Conference of Association for the Education of Teachers of Science (AETS). St. Louis Hyatt at Union Station, Missouri, USA. January 29 - February 2, 2003.

4. Kahveci M, Hamik C, & Steinbock O. (2002). *Micro-patterning of reaction arrays for self-organizing systems*. Paper presented at the American Chemical Society (ACS), 223(393-PHYS), Part 2 (Poster). Orlando, USA. April 7 - 11, 2002.

3. Cezikturk O, Cirik G, & Kahveci M (2001). Letting teachers to interact with the idea of "Interactivity": What is "Interactive?". In J. Price, D. Willis, N. Davis & J. Willis (Eds.), *Proceedings of SITE 2001–Society for Information Technology & Teacher Education International Conference* (pp. 1070-1071). Norfolk, VA: Association for the Advancement of Computing in Education (AACE). Retrieved August 28, 2020 from https://www.learntechlib.org/primary/p/16872/

2. Kahveci M. (2000). *An on-line evaluation system for curriculum materials development*. Paper presented at the International Conference on College Teaching & Learning. Jacksonville, Florida, USA. April 12 - 15, 2000.

1. Cezikturk O, Kahveci M, & Cirik G. (2000). Interactivity in mathematics and science education. In *Proceedings of International Conference on Mathematics / Science Education and Technology 2000* (pp. 106-111). Association for the Advancement of Computing in Education (AACE). Retrieved August 26, 2020 from https://www.learntechlib.org/primary/p/15425/ .

Courses

45. CHE 132 ▷ General Chemistry II ▷ DePaul University ▷ Winter 2021, Spring 2020, Winter 2020

44. CHEM 131 ▷ General Chemistry I Lab ▷ DePaul University ▷ Winter 2021, Autumn 2020, Winter 2020, Autumn 2019, Autumn 2018, Winter 2017, Autumn 2017

43. CHEM 133 ▷ General Chemistry II Lab ▷ DePaul University ▷ Winter 2021, Spring 2020, Winter 2020, Winter 2018, Winter 2017

42. CHE 134 ▷ General Chemistry III ▷ DePaul University ▷ Autumn 2020

41. CHEM 135 ▷ General Chemistry III Lab ▷ DePaul University ▷ Autumn 2020, Spring 2020, Autumn 2019, Autumn 2017, Summer 2017

40. CHEM 139 ▷ General Chemistry II Lab ▷ DePaul University ▷ Summer 2020

39. CHE 497 ▷ Research ▷ DePaul University ▷ Spring 2020

38. CHE 120 ▷ General Chemistry IP ▷ DePaul University ▷ Autumn 2019

37. CHE/FYSC 128 ▷ Basic Chemical Concepts ▷ DePaul University ▷ Summer 2019, Summer 2018

36. CHE/FYSC 129 ▷ Basic Chemical Concepts Lab ▷ DePaul University ▷ Summer 2019, Summer 2018

35. PHSC 105 ▷ Introduction to Environmental Science ▷ Roosevelt University ▷ Spring 2019

34. PHSC 107 ▷ How the World Works ▷ Roosevelt University ▷ Spring 2019

33. CHEM 121 ▷ Basic Chemistry I ▷ City Colleges of Chicago Richard J. Daley College ▷ Spring 2019

32. CHEM 205 ▷ Analytical Chemistry Lab ▷ DePaul University ▷ Autumn 2018

31. BCHM 320/420 ▷ Physical Chemistry for Biosciences ▷ Roosevelt University ▷ Fall 2018

30. CHEM 100 ▷ Foundations of Chemistry ▷ Roosevelt University ▷ Fall 2018

29. CHEM 201A ▷ General Chemistry I ▷ Roosevelt University ▷ Summer 2018

28. CHEM 201B ▷ General Chemistry I Lab ▷ Roosevelt University ▷ Summer 2018

27. CHEM 322A/422A ▷ Physical Chemistry II (Quantum Mechanics) ▷ Roosevelt University ▷ Spring 2018

26. CHEM 322B/422B ▷ Physical Chemistry II Lab (Computational) ▷ Roosevelt University ▷ Spring 2018

25. LSP 120 ▷ Quantitative Reasoning and Technological Literacy I ▷ DePaul University ▷ Winter 2018, Winter 2017, Spring 2017

24. CHEM 321A/421A ▷ Physical Chemistry I (Thermodynamics) ▷ Roosevelt University ▷ Fall 2017

23. CHEM 321B/421B ▷ Physical Chemistry I Lab ▷ Roosevelt University ▷ Fall 2017

22. KIMEG 5023 ▷ Introductory Statistics ▷ Çanakkale Onsekiz Mart University ▷ Fall 2015

21. KIMEG 5023 ▷ Teaching of Nature of Science ▷ Çanakkale Onsekiz Mart University ▷ Fall 2015

20. EGYD 5010 ▷ Scientific Research Method and Statistics ▷ Çanakkale Onsekiz Mart University ▷ Spring 2015

19. KIMEG 5020 ▷ Theory and Practice of Qualitative Research ▷ Çanakkale Onsekiz Mart University ▷ Fall 2014, Spring 2014

18. FM 526 ▷ Applied Research ▷ Çanakkale Onsekiz Mart University ▷ Spring 2014

17. 14FBÖ118 ▷ General Chemistry II ▷ Çanakkale Onsekiz Mart University ▷ Spring 2014, Spring 2013, Spring 2011

16. AFEY 5006 ▷ Quantitative Research Methods and Statistic ▷ Çanakkale Onsekiz Mart University ▷ Spring 2014

15. 14FEN125 ▷ General Chemistry I ▷ Çanakkale Onsekiz Mart University ▷ Fall 2012, Fall 2011, Fall 2010

14. 16KMO410 ▷ Educational Technology and Material Design ▷ Çanakkale Onsekiz Mart University ▷ Summer 2011, Spring 2011

13. FM 520 ▷ Practice Teaching in Chemistry ▷ Çanakkale Onsekiz Mart University ▷ Fall 2011

12. EF 307 ▷ Statistics and Probability ▷ Çanakkale Onsekiz Mart University ▷ Fall 2010

11. EF 303 ▷ Special Topics in Physics Education ▷ Çanakkale Onsekiz Mart University ▷ Fall 2010

10. ULP-01-504 ▷ Research Methods in Education ▷ Çanakkale Onsekiz Mart University ▷ Fall 2010

9. EF 313 ▷ Research Methods in Science Education ▷ Çanakkale Onsekiz Mart University ▷ Fall 2008

8. EF 305 ▷ Special Topics in Chemistry Education ▷ Çanakkale Onsekiz Mart University ▷ Fall 2008

7. SCED 404 ▷ Applied Research in Science and Mathematics Education ▷ Boğaziçi University ▷ Fall 2006, Spring 2006, Fall 2005

6. SCED 498 ▷ Special Studies: Applied Research in Education ▷ Boğaziçi University ▷ Fall 2006, Spring 2006

5. SCED 598 ▷ Qualitative Research in Science and Mathematics Education ▷ Boğaziçi University ▷ Fall 2006

4. SCED 420 ▷ Teaching Methods in Science and Mathematics Education ▷ Boğaziçi University ▷ Fall 2006, Summer 2006, Fall 2005

3. SCED 360 ▷ Secondary School Science Laboratory Applications II ▷ Boğaziçi University ▷ Spring 2006

2. SCED 418 ▷ Seminar on Practice Teaching in Physics ▷ Boğaziçi University ▷ Spring 2006

1. SCED 441 ▷ Teaching Methods in Physics Education ▷ Boğaziçi University ▷ Fall 2005

Posts

16. Installing a Learning Object to the D2L Environment ▷ August 13, 2020
This tutorial demonstrates how to import and use a learning object prepared in SCORM 1.2 standards.

15. Request for Letter of Recommendation ▷ August 05, 2020
Excellent students who have worked in my research group and who have received a high grade in my classes will be able to ask for recommendation letters for g…

14. 'Thank you' from Andres ▷ June 03, 2020
I just wanted to extend a sincere thank you to you and the entire Chemistry department, including our TA's, for your compassion and understanding during thes…

13. D2L Submission Folder Setup with a Rubric ▷ April 13, 2020
This tutorial demonstrates how to set up a Submission folder with commenting capabilities and with as associated rubric for assessment.

12. Tools ▷ April 11, 2020
Useful tools for online teaching.

11. Low Cost Options for Document Cameras ▷ April 11, 2020
If you need to write equations, etc during a Zoom lecture, a low cost document camera is useful to have – you can select it as a source in Zoom. Here are a c…

10. Deferments or Cancellations of Events due to COVID-19 ▷ April 06, 2020
Unfortunately nowadays we hear all international conferences are being cancelled or postponed in response to the COVID-19 pandemic.

9. Forums in D2L ▷ April 05, 2020
This tutorial describes a method to implement group-based forums.

8. 'Chemistry' from Madison ▷ March 24, 2020
I just wanted to say thank you for being an awesome chemistry teacher the past 2 classes. You truly are amazing and one of the best. I had to take chemistry …

7. I Will Survive, Coronavirus version of teachers going online ▷ March 19, 2020
"Kept trying hard to mend the pieces of my syllabi And I spent so many nights just feeling sorry for myself I used to cry But now I hold my head up high &…

6. Higher Education in Science and Engineering ▷ September 08, 2019
This report is prepared by the National Science Board.

5. Affective Dimensions in Chemistry Education ▷ September 07, 2019
ADCE's recent stats from Springer.

4. New paper published by RISE ▷ December 30, 2018
As of 25 December 2018, our paper was published in the completed RISE issue.

3. Critical Chemistry ▷ December 15, 2018
Critical Chemistry: The Science of Saving Lives is a new online, adaptive introductory level chemistry smart course.

2. Connected Science Learning ▷ December 14, 2018
Last week's release of the federal government's STEM Education Strategic Plan specifically calls for more blended STEM learning practices across learning lan…

1. BCCE 2018 ▷ August 05, 2018
We presented at 2018 Biennial Conference on Chemical Education hosted by the University of Notre Dame.

Hobbies

Dr. Kahveci is a runner and road-biker . Since Jan 2019, he has been doing strength training . He has been playing chess since his childhood. His recent biking stats are published at the Biking Activities page.