

SEBIHA BALCI

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EDUCATION

- Ph.D.** Educational Psychology (GPA 3.98/4.00) 2014 - 2022
Kent State University, Kent, OH, USA
 Advisor: Prof. Bradley J. Morris
 Dissertation: “*The Effects of Gamified Learning Environment on the Intrinsic Motivation, Psychological Need Satisfaction, and Performance of Online Students*”
- M.S.** Educational Psychology (GPA 3.88/4.00) 2007 - 2009
University of Illinois Urbana-Champaign, IL, USA
 Advisor: Prof. Jenny L. Singleton
 Thesis: “*Bilingual (American Sign Language and English) Digital Book: An Initial Study of Its Effectiveness for Young Deaf Readers*”
- B.S.** Psychology (GPA 3.78/4.00) 1999 - 2004
Middle East Technical University, Ankara, Turkey

EMPLOYMENT

- Visiting Assistant Professor of Psychology, Psychology Department* 2024-Present
Oberlin College and Conservatory, Oberlin, OH, USA
- Adjunct Faculty, Educational Psychology Department* 2020 - 2021
Kent State University, Kent, OH, USA
- Teaching Assistant, Educational Psychology Department* 2007 - 2008
University of Illinois Urbana-Champaign
- Psychologist, Ilkemiz Special Education Center for Deaf Children* 2004 - 2006
Ankara, Turkey

RESEARCH EXPERIENCE

- Educational Psychology Lab, Prof. Bradley Morris 2014 - 2022
 Educational Psychology Department, Kent State University
- Educational Psychology Lab, Prof. Jenny L. Singleton 2007 - 2009
 Educational Psychology Department, University of Illinois Urbana-Champaign

Traffic Psychology Lab, Prof. Timo Lajunen
 Psychology Department, Middle East Technical University

2003 - 2004

TEACHING EXPERIENCE

Assistant Professor of Psychology, Oberlin College & Conservatory 2024-Present

- Educational Psychology Course (Undergraduate level)

Instructor, Kent State University

(Taught 1 in-class section) Spring 2020

(Taught 2 online sections) Fall 2020

(Taught 2 online sections) Spring 2021

(Taught 1 online section) Fall 2021

- Educational Psychology Course (Undergraduate level, overall teaching effectiveness: 4.3 out of 5)

Teaching Assistant, University of Illinois Urbana-Champaign

Fall 2007

Spring 2008

Fall 2008

- Child Development Course (Undergraduate level, recitation instructor and course assistant)

PUBLICATIONS

Balci, S., & Morris, B. J. (under preparation). How Do Badges and Freedom of Choice Affect Intrinsic Motivation, Psychological Need Satisfaction and Performance of Online Learners?

Balci, S., & Morris, B. J. (under preparation). Comparing the effect of expected and unexpected badges on the intrinsic motivation, psychological need satisfaction, and performance of online learners.

Balci, S., Secaur, J. M., & Morris, B. J. (2022). Comparing the effectiveness of badges and leaderboards on academic performance and motivation of students in fully versus partially gamified online physics classes. *Education and Information Technologies*, 27, 8669–8704. <https://doi.org/10.1007/s10639-022-10983-z>

Balci, S., Secaur, J. M., & Morris, B. J. (2019). Badges and leaderboards: Understanding their effectiveness on academic performance and motivation of online students. In J. Theo Bastiaens (Ed.), *Proceedings of EdMedia + Innovate Learning* (pp. 1090-1096). Amsterdam, Netherlands: Association for the Advancement of Computing in Education (AACE). Retrieved from <https://www.learntechlib.org/primary/p/210264/>

Morris, B. J., Dragovich, C., Todaro, R., **Balci, S.**, & Dalton, E. (2019). Comparing badges and learning goals in low- and high-stakes learning contexts. *Journal of Computing in Higher Education*, 1-31. <https://doi.org/10.1007/s12528-019-09228-9>

Balci, S., Secaur, J. M., & Morris, B. J. (2018). The effectiveness of gamification tools in enhancing academic performance and motivation of students in fully vs. partially gamified grading system of online classes [Abstract]. In *Proceedings of Technology Mind and Society*. Washington DC, USA. <https://doi.org/10.1145/3183654.3183663>

CONFERENCE PRESENTATIONS

Balci, S., & Morris, B. J. (2023, April). *How does gamification affect online learners' motivation and need satisfaction?* Paper will be presented at the 95th annual meeting of the Midwestern Psychological Association, Chicago, IL.

Balci, S., & Morris, B. J. (2023, April). *The effect of different badge types on motivation and performance.* Paper will be presented at the 95th annual meeting of the Midwestern Psychological Association, Chicago, IL.

Balci, S., & Morris, B. J. (2022, April). *The effect of gamification on intrinsic motivation and performance of online learners.* Paper presented at the 36th annual meeting of the Graduate Research Symposium, Kent, OH.

Balci, S., & Morris, B. J. (2022, April). *Does gamification enhance the intrinsic motivation and performance of online learners?* Paper presented at the 9th annual EHHS Research Gallery meeting, Virtual due to COVID-19.

Balci, S., Secaur, J. M., & Morris, B. J. (2021, April). *Comparing the effects of badges vs. leaderboards on motivation and academic performance in an online physics course.* Paper presented at the 35th annual meeting of the Graduate Research Symposium, Virtual due to COVID-19.

Balci, S., Secaur, J. M., & Morris, B. J. (2019, June). *Badges and leaderboards: Understanding their effectiveness on academic performance and motivation of online students.* Paper presented at the conference of EdMedia + Innovate Learning, Amsterdam, Netherlands.

Balci, S., Secaur, J. M., & Morris, B. J. (2018, April). *The effectiveness of badges and leaderboards on motivation and performance.* Paper presented at the 90th annual meeting of the Midwestern Psychological Association, Chicago, IL.

Balci, S., Secaur, J. M., & Morris, B. J. (2018, April). *The effectiveness of gamification tools in enhancing academic performance and motivation of students in fully vs. partially gamified grading system of online classes.* Poster presented at the Technology, Mind and Society Conference, Washington, D.C.

Balci, S., Secaur, J. M., & Morris, B. J. (2017, April). *Comparing the effects of badges vs. leaderboards on motivation and academic performance in an online physics course*. Paper presented at the 32nd annual meeting of the Graduate Research Symposium, Kent, OH.

Balci, S., Secaur, J. M., & Morris, B. J. (2016, April). *Effects of different gamification tools on academic performance and motivation*. Poster presented at the 31st annual meeting of the Graduate Research Symposium, Kent, OH.

Dragovich, C. M., Dalton, E., **Balci, S.**, Todaro, R. D., & Morris, B. J. (2015, October). *Are badges or goals more relevant to online learning?* Paper presented at the 33rd annual conference of The Science of Learning and Education NRMERA, Boise, ID.

Balci, S., Dragovich, C. M., Todaro, R. D. Dalton, E., & Morris, B. J. (2015, April). *Badges versus goals: Which really predicts learning?* Poster presented at the 30th annual meeting of the Graduate Research Symposium, Kent, OH.

Dragovich, C. M., Todaro, R. D. Dalton, E., **Balci, S.**, & Morris, B. J. (2015, April). *Do badges really motivate? Comparing achievement badges and goals*. Poster presented at the 12th annual meeting of the Educational Research Exchange, Cleveland, OH.

Husnu, S., **Akca (Balci), S.**, Ozkan, T., & Lajunen, T. (2004). *The relationships between Big Five Model and Bem Sex Role Inventory*. Poster session presented at the meeting of the National Psychology Conference, İstanbul, Turkey.

ATTENDED CONFERENCES AND WEBINARS

The Digital Scholarship Series, Virtual Webinars by KSU Libraries	Spring 2022
The 4th Annual Education Elevated (e2) Conference Virtual due to COVID-19	March 2022
The 3rd Annual Education Elevated (e2) Conference Virtual due to COVID-19	March 2021
The Technology, Mind & Society Showcase Virtual due to COVID-19	November 2020
The EHHS Learning Innovations Conference Kent, OH	November 2019
The Cognitive Development Society Conference Columbus, OH	October 2015
SOLE Summit Conference Kent, OH	October 2014

HONORS AND AWARDS

- Graduate Student Senate Special Contingency Award Fall 2021
A competitive \$1500 award to support graduate students for research expenses
- Graduate Student Senate International Travel Award Spring 2019
A competitive \$900 award to support graduate students for travel expenses of conference presentations, KSU Graduate Student Senate
- Graduate Student Senate Domestic Travel Award Spring 2018
A competitive \$415 award to support graduate students for travel expenses of conference presentations, KSU Graduate Student Senate
- High Honor Degree, Middle East Technical University, Ankara, Turkey 2000 - 2004
High honor list for students whose GPA above 3.50/4.00

PROFESSIONAL TRAINING

- Structural Equation Modeling Workshop by Prof. Todd Little Spring 2018
A two-day workshop on covering both foundational issues related to structural equation modeling as well as important advances such as nonarbitrary method of scale setting, KSU- Department of Psychological Sciences
- Graduate Professional and Academic Development Workshop Spring 2018
A weekly workshop series that explore topics in the areas of research, career development, teaching, and professional development for graduate students, KSU-Graduate Studies.
- Graduate Professional and Academic Development Workshop Fall 2017
A weekly workshop series that explore topics in the areas of research, career development, teaching, and professional development for graduate students, KSU-Graduate Studies.
- Graduate Professional and Academic Development Workshop Spring 2017
A weekly workshop series that explore topics in the areas of research, career development, teaching, and professional development for graduate students, KSU-Graduate Studies.

PROFESSIONAL AFFILIATIONS

The Association for the Advancement of Computing in Education
 International Society for Technology in Education (ISTE)
 Midwestern Psychological Association (MPA)
 Gamification Research Network Online Community

SERVICE

Volunteer for the 9th Annual EHHS Research Gallery Meeting	April 2022
Graduate Student Mentor (Yin Zhang, Shruti Kate, & Emine Fesli)	2021 - 2022
Founding Member & Officer of Cultural Diversity Association Kent State University Student Organization	2014 - 2016
Founding Member & Officer of Turkish Student Association Kent State University Student Organization	2014 - 2016

EDITORIAL ACTIVITIES

Ad Hoc Reviewer, *Education and Information Technologies*
Ad Hoc Reviewer, *Technology Mind and Society*

REFERENCES

Bradley J. Morris, PhD

Associate Professor of Educational Psychology, Kent State University
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Email: bmorri20@kent.edu

Jennifer Roche, PhD

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