

Ilkay “Nehir” Tanyel

Assistant Professor

Department of Information Systems and Cyber Security

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I. ACADEMIC APPOINTMENTS

2024 – Present	University of Texas San Antonio, Assistant Professor Department of Information Systems and Cyber Security Alvarez College of Business
2021 – 2024	University of Cincinnati, Instructor Department of Operations, Business Analytics and Information Systems, Carl H. Lindner College of Business

II. EDUCATION

Ph.D. July 2024	University of Cincinnati Information Systems, Carl H. Lindner College of Business Dissertation Committee: Dr. Jaime B. Windeler (Chair), Dr. Sherae Daniel, Dr. Stacie Petter, Dr. Andrew Harrison, and Dr. Elaine Hollensbe
M.S. May 2014	University of Wisconsin-Stout Major: Risk Control, College of Science, Technology, Engineering, Mathematics and Management
B.S. June 2012	Cankaya University Double Major: Industrial Engineering, College of Engineering Double Major: Management, College of Economics and Administrative Sciences

III. RESEARCH

Research Interests

Topic:	Digital technologies and socio-economic power Social media-induced polarization Social media use
Methods:	Qualitative Analysis (Grounded theory, netnography, and case study) Computational Science (Data mining, text mining, and web mining) Psychometrics (Structural equation modeling and multivariate analysis) Econometrics (Regression)

Refereed Publications

- [1] Tanyel, I. N., Fan, Y., & Valecha, R. (2025). Crisis in the Comments: How Emotion-Based and Structure-Based Frames Drive Affective Polarization on Social Media During Disruptive Events. In Proceedings of the 46th International Conference on Information Systems (ICIS), Nashville, USA.
- [2] Tanyel, I. N., Windeler, J., Syn, T., & Ramaprasad, A. (2025). Social Inclusion/Exclusion in Information Systems: A Review and Roadmap for Research. *Information Systems Journal*, 35(5), 1311–1343. (Journal Impact Factor: 8.2)
- [3] Tanyel, I. N., Windeler, J., & Daniel, S. (2022). Don't Marginalize Me: How Organizations Facilitate Social Injustice Via Social Media. In Proceedings of the 43rd International Conference on Information Systems (ICIS), Copenhagen, Denmark.
- [4] Tanyel, I. N., & Windeler, J. (2021). Divided We Stand: Polarization across Social Media Platforms and Affordances. In Proceedings of the 42nd International Conference on Information Systems (ICIS), Austin, TX, USA.

Manuscripts Conditionally Accepted and Under Review

- [5] Tanyel, I. N., & Lin, F. (2026). When Clicking Accept Is Not Enough: Adolescents' Experience of Consent Opacity on Social Media. *The 47th International Conference on Information Systems (ICIS)*, Lisbon, Portugal. Status: Conditionally Accepted
- [6] Tanyel, I. N., Windeler, J., & Harrison, A. The Effect of Social Media Use on Political Polarization. *Information Systems Frontiers*. Status: Conditionally Accepted (5-year Journal Impact Factor: 8.9)
- [7] Kurumathur, S. K., Tanyel, I. N., Hariharan, G., & Rao, R. Vigilantism and Polarization on Social Media. Status: Under Review at a Journal on the AIS Senior Scholars' List of Premier Journals
- [8] Tanyel, I. N., Windeler, J., & Petter, S. Influencers and Brand Partnerships on Social Media. Status: Under Review at a Journal on the AIS Senior Scholars' List of Premier Journals
- [9] Tanyel, I. N., Fan, Y., & Valecha, R. The Polarizing Effect of Digital News. Under Review at a Journal on the AIS Senior Scholars' List of Premier Journals

Manuscripts in Progress

- [10] Tanyel, I. N., & Menard, P. The Effect of Content Modality on Social Media-Induced Political Polarization. Status: Manuscript Writing, Target: *MIS Quarterly (Received Internal Research Awards (INTRA) Seed Grant program, \$5,000)*
- [11] Tanyel, I. N., & Lin, F. Adolescents' Understanding of Data Practices on Social Media. Status: Data Collection, Target: *MIS Quarterly (Pending Internal Research Awards (GREAT) Seed Grant program, \$20,000)*

[12] Tanyel, I. N., Windeler, J., & Daniel, S. A Social Justice Framework and Research Agenda. Status: Manuscript Writing, Target: *MIS Quarterly*

[13] Tanyel, I. N. Social Media in Facilitating Connective Grief. Status: Data Analysis

Symposia/Consortia

Tanyel, I. N. (2023). Unintended Consequences of Organizations' Gaining Power by Using Social Media Platforms. Presented at the *44th International Conference on Information Systems (ICIS) Doctoral Consortium*, Hyderabad, India.

Tanyel, I. N. (2023). Unintended Consequences of Organizations' Gaining Power by Using Social Media Platforms. Presented at the *29th Americas Conference on Information Systems (AMCIS) Doctoral Consortium*, Panama City, Panama.

Conference and Workshop Presentations

Tanyel, I. N., & Lin, F. (2026). Beyond the Click: Adolescents' Understanding of Consent and Data Practices on Social Media. Presented at the *21st Conference of Big XII + MIS Research Symposium*, University of Cincinnati, OH, USA.

Tanyel, I. N., Fan, Y., & Valecha, R. (2025). Crisis in the Comments: How Emotion-Based and Structure-Based Frames Drive Affective Polarization on Social Media During Disruptive Events. Presented at the *46th International Conference on Information Systems (ICIS)*, Nashville, USA.

Tanyel, I. N., & Gurkan, N. (2024). The Polarizing Effect of News Playlists on YouTube. Presented at the *2024 INFORMS Annual Meeting*, Seattle, WA, USA.

Tanyel, I. N. (2023). Exploring the Emancipatory and Hegemonic Potential of Social Media in Facilitating Connective Grief. Presented at the *2023 INFORMS Annual Meeting*, Phoenix, AZ, USA.

Tanyel, I. N., Windeler, J., & Daniel, S. (2023). Towards A Better Understanding of Social Injustice on Social Media. Presented at the *19th Conference of Big XII + MIS Research Symposium*, University of Dallas, TX, USA.

Tanyel, I. N., Windeler, J., & Daniel, S. (2022). Don't Marginalize Me: How Organizations Facilitate Social Injustice Via Social Media. Presented at the *20th Journal of the Association for Information Systems (JAIS) Theory Development Workshop*, Copenhagen, Denmark.

Tanyel, I. N., Windeler, J., & Daniel, S. (2022). Don't Marginalize Me: How Organizations Facilitate Social Injustice Via Social Media. Presented at the *43rd International Conference on Information Systems (ICIS)*, Copenhagen, Denmark.

Tanyel, I. N., & Windeler, J. (2022). Polarization across Social Media Platforms and Affordances. Presented at the *18th Conference of Big XII + MIS Research Symposium*, University of Houston, TX, USA.

Tanyel, I. N., & Windeler, J. (2021). Divided We Stand: Polarization across Social Media Platforms and Affordances. Presented at the *42nd International Conference on Information Systems (ICIS)*, Austin, TX, USA.

Campus and Departmental Talks

Tanyel, I. N., & Menard, P. (2025). Conceptualization of Affective Polarization on Social Media. Presented at the *Information Systems Research Forum*, Cincinnati, OH, USA.

Tanyel, I. N., Fan, Y., & Valecha, R. (2025). The Polarizing Effect of News on YouTube During Disruptive Events [Invited keynote address]. PhD Poster Session of Information Systems and Cyber Security Department, San Antonio, TX, USA

Tanyel, I. N., Windeler, J., & Daniel, S. (2023). Modern Tyranny of Social Media. Presented at the *Lunch & Learn hosted by the Lindner College of Business Office of Inclusive Excellence*, Cincinnati, OH, USA.

Tanyel, I. N., Windeler, J., & Daniel, S. (2022). Modern Tyranny of Social Media. Presented at the *Information Systems Research Forum*, Cincinnati, OH, USA.

Tanyel, I. N. & Windeler, J. (2021). Polarization across Social Media Platforms and Affordances. Presented at the *Information Systems Research Forum*, Cincinnati, OH, USA.

Other Publications

Tanyel, I. N. (2014). The Analysis of Company XYZ's Pre-Purchase Tool/Equipment Evaluation System and Ergonomic Workstation Analysis Process (OCLC 883246736) [Master's thesis, University of Wisconsin-Stout]. UW-Stout Electronic Theses.

IV. HONORS AND AWARDS

2026	Early-concept Grants for Exploratory Research (EAGER) Program, Co-Principal Investigator, National Science Foundation (NSF), \$397k. Pending
2026	Internal Research Awards (GREAT) Seed Grant Program, Principal Investigator, Office of Research at University of Texas San Antonio, \$20,000. Pending
2025	Internal Research Awards (INTRA) Seed Grant Program, Principal Investigator, Office of Research at University of Texas San Antonio, \$5,000. Funded
2023	Invited to Doctoral Consortium for the <i>44th International Conference on Information Systems (ICIS)</i> , Hyderabad, India
2023	Invited to Doctoral Consortium for the <i>29th Americas Conference on Information Systems (AMCIS)</i> , Panama City, Panama
2023	Society and Culture Research Fellowship (Social Justice Category), \$1,500, Graduate Student Government, University of Cincinnati

2021	Interdisciplinary Research Fellowship, \$1,500 Graduate Student Government, University of Cincinnati
2020	Summer Research Grant, \$2,400, Lindner Research Excellence Committee, Carl H. Lindner College of Business, University of Cincinnati
2012	Third-highest GPA in the Industrial Engineering Class, Honors student, Cankaya University
2007 – 2012	Full Tuition High Success Scholarship (Merit-based), Cankaya University
2009	European Union Student Exchange Program Scholarship for the Erasmus Programme (Merit-based), Timișoara Polytechnic University, Romania

V. ACADEMIC EXPERIENCE

Independent Teaching Experience

University of Texas San Antonio

IS6713 Data Foundations

IS2053 Programming I

University of Cincinnati

IS7012 IT Management

IS4030 Business Intelligence

IS2080 Digital Technologies in Business

Dissertation Committee Member

1. Turquoise H. Richardson – Dissertation Committee Member (In Progress) “Growing Around the Obstacle: How Policies, Technologies, and Practices Normalize Nonmalicious Insider Risk in Research Universities,” University of Texas San Antonio
2. Shalini Kapali Kurumathur – Dissertation Committee Member (2026) “Understanding Polarization on Social Media in The Context of Vigilantism: A Multi-Essay Computational Study,” University of Texas San Antonio (Current: Assistant Professor of Information Systems Technology at The University of Tampa (Tenure-track))
3. Cody Cunov – Dissertation Committee Member (2025) “From Features to Feelings: How Media Platform Design Fosters Parasocial Experiences,” University of Texas San Antonio (Current: Assistant Professor of Information Systems & Analytics at Middle Tennessee State University (Tenure-track))

Mentoring

1. Aditya Thaker and Ishaan Shukla, high school research students, Chantilly High School, Chantilly, VA. Co-mentor with Rohit Valecha.

VI. SERVICE

Conference Session Chair

2024 Societal Impacts Session in the Social Media Analytics Section at the INFORMS Annual Meeting, Seattle, WA (October 20–23)

2023 Equity, Fairness, and Reducing Disparities Session at the INFORMS Annual Meeting, Phoenix, AZ (October 15–18)

Editorial Service

Associate Editor for International Conference on Information Systems, 2024

Associate Editor for European Conference of Information Systems, 2024, 2025, 2026, 2027

Ad Hoc Journal & Conference Review

MIS Quarterly

Journal of the Association for Information Systems

Information Systems Journal

Information and Organization

Information & Management

Internet Research

IEEE Transactions on Engineering Management

IEEE Engineering Management Review

Forensic Science International: Digital Investigation

International Conference on Information Systems, 2020, 2021, 2022, 2023, 2024, 2025, 2026

Americas Conference on Information Systems, 2022, 2023, 2024, 2025

European Conference on Information Systems, 2020, 2023, 2024

Hawaii International Conference on System Sciences, 2022, 2023, 2024, 2025

Pacific Asia Conference on Information Systems, 2023, 2026

Big XII + MIS Research Symposium, 2026

Wirtschaftsinformatik, 2023

Middle East & North Africa Conference for Information Systems, 2022

Departmental Service

Ph.D. in Information Technology Committee (2024 – Present)

Fixed-Term Track Faculty Promotion Committee (2026 – Present)

University Service

Graduate Student Appreciation Week Symposium, Judge, University of Texas San Antonio, 2025

Postdoctoral Appreciation Week Symposium, Judge, University of Texas San Antonio, 2025

VII. PROFESSIONAL DEVELOPMENT

Professional Training, Workshops, and Certifications

2025 UTSA Seed Grant Workshop, University of Texas San Antonio, TX, USA

2024 Quantum Cybersecurity Workshop, University of Texas San Antonio & Tec De Monterrey, TX, USA

2022 Journal of the Association for Information Systems (JAIS) Theory Development Workshop in conjunction with ICIS 2022 in Copenhagen, Denmark

2021 Web Scraping Using Python, University of Cincinnati, Cincinnati, OH, USA

2021 Introduction to Python – Part 1 & Part 2, University of Cincinnati, Cincinnati, OH, USA

2019 Analyzing Twitter Data with R – Persian Twitter: Evolution of a Social Media Landscape, University of Cincinnati, Cincinnati, OH, USA

2019 Data Science Symposium, University of Cincinnati, Cincinnati, OH, USA

2018 Project Manager 1 (Career Path), BSH Academia, Zangberg, Germany

2018 Project Management w/ Agile Methodology, Wibas GmbH, Cerkezkoy, Turkey

2017 Project Management Basics, BSH Academy, Zangberg, Germany

2016 Production System Level 3, 4, and 5, BSH Academy, Cerkezkoy, Turkey

2016 Six Sigma Green Belt Training, Matris Consulting, Cerkezkoy, Turkey

2015 Value Stream Mapping and Design, Lean Institute, Cerkezkoy, Turkey

Languages

English (Full professional proficiency), Turkish (Native), German (Elementary proficiency)

Professional Affiliations

Member, Association for Information Systems (AIS)

Member, The Institute for Operations Research and the Management Sciences (INFORMS)

VIII. INDUSTRY EXPERIENCE

2016 - 2019 Project Management Professional, BSH Home Appliances, Turkey

2014 - 2016 Production Engineer, BSH Home Appliances, Turkey

2010 - 2014 Intern, Multinational Companies in USA & Turkey

IX. REFERENCES

Dr. Jaime B. Windeler (Advisor and Dissertation Chair)

Associate Dean of Undergraduate Programs and Student Experience
Associate Professor of Operations, Business Analytics and Information Systems
Carl H. Lindner College of Business; University of Cincinnati
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Dr. Stacie Petter (Co-author and Dissertation Committee Member)
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