

Ozer Erdem

Assistant Professor of Accounting Cameron School of Business, University of St. Thomas
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EDUCATION

- Ph.D., 2018-2023, Accounting, University of Houston
 - MBA, June 2004, Indiana State University
 - BA, Business Administration, June 2000, ODTU (Ankara-Turkey)
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ACADEMIC APPOINTMENTS

Assistant Professor of Accounting Cameron School of Business, University of St. Thomas,
2023-Present

MSA Program Coordinator Cameron School of Business, University of St. Thomas, 2024-Present

- Coordinate the Master of Science in Accounting (MSA) program, including course scheduling, student advising, and alignment of curriculum with CPA eligibility and market needs.
- Work closely with department chairs and the dean's office to integrate data analytics and AI-focused content into the MSA curriculum.
- Led the successful effort to obtain STEM designation for the MSA program, enabling international graduates to qualify for up to 3 years of OPT work authorization.

Teaching / Research Assistant University of Houston, C.T. Bauer College of Business, 2018-2023

TEACHING EXPERIENCE

Teaching Interests

Data Analytics, Artificial Intelligence in Accounting and Accounting Information Systems.

Teaching Experience

University of St. Thomas Graduate Level:

- Accounting Information Systems
 - Spring 2025 Evaluations: Overall Mean 4.55/5.00
 - Fall 2024 Evaluations: Overall Mean 4.63/5.00
 - Spring 2024 Evaluations: Overall Mean 4.71/5.00
 - Fall 2023 Evaluations: Overall Mean 4.91/5.00
- Managerial Accounting (MBA)
 - Summer 2024 Evaluations: Overall Mean 4.83/5.00
 - Fall 2024 Evaluations: Overall Mean 4.70/5.00
 - Fall 2023 Evaluations: Overall Mean 4.94/5.00

Undergraduate Level:

- Accounting Information Systems
 - Spring 2025 Evaluations: Overall Mean 4.55/5.00
 - Spring 2024 Evaluations: Overall Mean 4.71/5.00
 - Fall 2023 Evaluations: Overall Mean 4.91/5.00
- Principles of Accounting
 - Spring 2025 Evaluations: Overall Mean 4.67/5.00
 - Fall 2024 Evaluations: Overall Mean 4.69/5.00
 - Spring 2024 Evaluations: Overall Mean 4.81/5.00
 - Fall 2023 Evaluations: Overall Mean 4.91/5.00

University of Houston

- Introduction to Data Analytics
 - Summer 2024 Evaluations: Overall Mean 4.92/5.00
 - Fall 2022 Evaluations: Overall Mean 4.91/5.00
 - Summer 2021 Evaluations: Overall Mean 4.94/5.00
 - Spring 2021 Evaluations: Overall Mean 4.91/5.00

Course Development

- Data Analytics for Accounting and Finance, University of St. Thomas, Spring 2026
- Accounting Data Analytics, University of Houston, Spring 2020

AREAS OF INTEREST

Financial Disclosures, Textual Analysis, Audio Analysis

DISSERTATION

What You Say and How You Say It: Textual And Audio Disclosures in Earnings Calls

WORKING PAPERS

Investor Pricing of Comprehensive Income: Evidence from Accounting Standard Update 2016-01 This paper examines whether investors differentially price fair value adjustments reported in other comprehensive income following ASU 2016-01. Using a difference-in-differences design, I test how the relocation of unrealized gains and losses on equity securities affects return-earnings relations and the value relevance of comprehensive income components.

Financial Misreporting in the Age of AI I investigate how the availability of advanced AI tools changes both the incentives and the mechanics of financial misreporting. The study explores whether AI-enabled text generation and anomaly detection shift the balance between opportunistic reporting and effective monitoring, with implications for regulators and standard setters.

ChatGPT as an Accounting Tutor: Benchmarking AI-Generated Explanations Against Textbook Solutions This paper evaluates ChatGPT’s performance as an accounting “tutor” by

comparing its solutions and explanations on a curated set of textbook-style problems in financial and managerial accounting. I construct accuracy and explanation-quality metrics to assess how closely AI-generated answers align with authoritative solutions and where systematic conceptual distortions arise.

AI-Enabled Workflow Automation for Routine Accounting Tasks: An n8n Design and Evaluation Framework This study develops n8n-based automated workflows for common accounting tasks such as reconciliations, variance analyses, and periodic reporting, integrating large language models where appropriate. Using synthetic but realistically structured transaction data, I evaluate the resulting workflows on processing time, error rates, robustness to data anomalies, and the transparency of their audit trails.

Workflow Automation, Internal Controls, and Process Risk: Simulation Evidence from n8n-Based Accounting Systems In this paper, I model core accounting cycles as executable n8n workflows and introduce simulated errors and manipulation attempts at different points in the process. By tracking how these perturbations propagate-or are blocked-under alternative control configurations, I provide evidence on how automation design choices affect control reliability, residual risk, and the nature of audit evidence generated by the system.

CONFERENCE/WORKSHOPS PARTICIPATION

Conference Presentations

- 2026 SWBATC Conference, Texas Southern University (abstract accepted)
- 2023 Lone Star Conference

Conference Attendance

- 2026 International Conference - Philosophy of AI, University of St. Thomas
- 2025 Teaching with AI Seminar, Harvard Business School, Boston, MA
- 2025 Global Education Symposium - Classrooms of the Future: AI Tools and Technology in Teaching and Pedagogy, Asia Society Texas
- 2025 Invest: Houston Leadership Summit, Houston, TX
- 2025 Acton Institute Conference, Grand Rapids, MI
- 2025 Acton University Summer Conference, Grand Rapids, MI
- 2025 Learning with Technology: Global Hybrid Conference - Focus: GenAI, University of St. Thomas
- 2025 CELT Circle Event for Faculty and Staff, University of St. Thomas
- 2025 Title V CORE Grant Workshop, University of St. Thomas
- 2024 Acton's Business Matters Conference, University of St. Thomas
- 2024 AIS Midyear Meeting
- 2023 AIS Midyear Meeting
- 2023 On-Campus Drug Overdose Seminar (Proactive Response), University of St. Thomas
- 2023 Narcan Training Seminar, University of St. Thomas (Organizer)
- 2022 AIS Midyear Meeting
- 2022 FARS Midyear Meeting
- 2021 JAR Conference
- 2021 Accounting Information Systems Meeting

- 2021 Oil and Gas High Performance Computing Conference
 - 2021 Bauer Accounting Research Symposium
 - 2021 FARS Section Midyear Meeting Doctoral Consortium
 - 2020 Stata Workshop at HPE DSI: Introduction to Time Series Analysis for Causal Inference Using STATA
 - 2020 HPE DSI: A Unique End-to-End Machine Learning Workflow Prediction
 - 2020 HPE DSI: Deep Learning Workshop with MATLAB
 - 2019 Lone Star Conference, Austin, TX
 - 2019 Southwest Region/FBD Meeting, Houston, TX
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HONORS & RECOGNITION

- Nominee, Saint Thomas Aquinas Excellence in Teaching Award, University of St. Thomas, 2024-2025.
 - Alteryx SparkED Verified Educator & Designer License Holder, supporting integration of data analytics into accounting and business courses.
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GRANTS & INSTITUTIONAL INITIATIVES

- **Grant Development Team Member**, U.S. Department of Education FIPSE Proposal (Cameron School of Business)
 - Co-developed a multi-year, multi-million-dollar proposal focused on:
 - Integrating AI into the business curriculum,
 - Developing short-term AI and data analytics credentials, and
 - Scaling AI + entrepreneurship experiential programs (e.g., summer camps and freshmen symposiums).
 - **Participant**, Title V CORE Grant Development Workshop, University of St. Thomas
 - Engaged in institutional grant strategy sessions to strengthen competitive federal proposals aligned with student success and innovation in teaching.
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PROFESSIONAL EXPERIENCE

- Portfolio Manager (2009-2018), AK Asset Management
 - Portfolio Manager (2008-2009), Is Portfolio Management
 - Research Assistant (2004-2007), Networks Financial Institute (Indianapolis)
 - Internal Auditor (2000-2001), Vakif Bank
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CERTIFICATES

- Financial Risk Manager
 - Robotic Process Automation (RPA) Certification (UIPath, 2019-2020)
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COMPUTER SKILLS

- Python, SAS, Stata
 - UIPath, Alteryx, Tableau, PowerBI
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PROFESSIONAL ASSOCIATIONS/AFFILIATIONS

- CFA Institute, CFA Society of Istanbul, Member
 - Global Association of Risk Managers, Member
 - The Professional Risk Managers' International Association, Member
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SERVICE & PROFESSIONAL ENGAGEMENT

Faculty Ambassador, Texas Society of CPAs (TXCPA) Selected as a TXCPA Faculty Ambassador to promote the CPA profession, mentor students, and support the CPA pipeline (2024-2026).

Program Coordinator, Master of Science in Accounting (MSA), Cameron School of Business Serve as faculty coordinator for the MSA program, advising prospective and current graduate students on course selection, CPA-track planning, and career pathways. Collaborate with the Accounting Society, Career Services, and employer partners to align MSA outcomes with recruiting needs and to promote graduate study to high-performing undergraduates.

Faculty Mentor & Advisor, UST Accounting Society 2023-Present. Work closely with the Accounting Society executive team to support student professional development and employer engagement. Collaborate with the Accounting Society and Career Services Center to promote and encourage student attendance at the Meet the Firms Business Mixer, connecting students with Houston-area employers and internship opportunities. Support and help promote on-campus events such as the UST Accounting Society General Meeting with MaloneBailey LLP. Promote external professional networking opportunities for Accounting Society members. Regularly share internship and job opportunities with Accounting Society members and accounting students via email and class announcements.

Panelist, CELT Circle Panel on Artificial Intelligence in Teaching, University of St. Thomas Invited panelist discussing practical and innovative uses of AI in teaching, assessment, and academic integrity across disciplines.

Contributor, CELT Circle AI Sessions (Faculty/Staff Development) Shared classroom applications of generative AI and workflow automation in accounting and data analytics with faculty and administrators, including university leadership.

Student Mentorship & Recommendation Letters Provided academic and professional advising and authored recommendation letters for students applying to competitive scholarships (e.g., AI-focused awards) and international conferences.

PUBLICATIONS

- Performance of Indiana Small Banks. ResearchBuzz Vol 3, Issue 3, (2007) pp. 4-5.
- Refund Anticipation Loans. ResearchBuzz Vol 3, Issue 2 (2007), pp. 4-5.
- Uninsured in Indiana, ResearchBuzz Vol 2, Issue 8 (2006), pp. 3-5.
- An Update on Indiana's Banking Sector, ResearchBuzz Vol 2, Issue 6 (2006), pp. 1-3.
- Indiana Insurance Industry, ResearchBuzz Vol 2, Issue 5 (2006), pp. 3-5.
- Bankruptcy and Foreclosure Rates in Indiana, ResearchBuzz Vol 2, Issue 4 (2006), pp. 4-5.
- State's Banking Industry Experiences Recent Changes, ResearchBuzz Vol 2, Issue 3 (2006), pp. 4-5.
- High Rate of Foreclosures in Indiana, ResearchBuzz Vol 2, Issue 11 (2006), pp. 1-3.
- Military personnel often targets of financial scams: Are payday lenders preying on our troops?, ResearchBuzz Vol 2, Issue 1 (2006), pp. 3-4.