

Aaron Becker

Mays Teaching Fellow | Clinical Professor
Graduate MIS Advisor | Assistant Department Head
Department of Information and Operations Management
Mays Business School
Texas A&M University

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Education

- *Doctor of Philosophy*, Management Information Systems, University of Oklahoma, July 2009
Dissertation: “Leveraging Group Knowledge: The Effects of Collaborative Technology Appropriation on Group Outcomes”
- *Master of Business Administration*, University of Oklahoma, May 2004
- *Bachelor of Business Administration*, Management Information Systems, University of Oklahoma, December 2000 (*Magna Cum Laude*)

Academic Work Experience

- Clinical Professor, INFO Department, Texas A&M University (2022 – present)
 - ISTM 281/481 Professional Development in Information Systems Seminar, Fall 2022, Spring 2023, Spring 2024
 - ISTM 315 Database Programming, Fall 2022, Spring 2023, Fall 2023, Spring 2024
 - ISTM 615 Business Database Systems, Fall 2022, Spring 2023, Summer 2023, Fall 2023, Spring 2024
- Clinical Associate Professor, INFO Department, Texas A&M University (2018 – present)
 - ISTM 281/481 Professional Development in Information Systems Seminar, Fall 2018, Fall 2019, Fall 2020, Spring 2021, Fall 2021, Spring 2022
 - ISTM 315 Database Programming, Fall 2018, Spring 2019, Fall 2019, Spring 2020, Fall 2020, Spring 2021, Fall 2021, Spring 2022
 - ISTM 615 Business Database Systems, Fall 2018, Spring 2019, Summer 2019, Fall 2019, Spring 2020, Summer 2020, Fall 2020, Spring 2021, Summer 2021, Fall 2021, Spring 2022, Summer 2022
 - ISTM 705 Information Management for Decision Making, Spring 2019, Spring 2020
- Clinical Assistant Professor, INFO Department, Texas A&M University (2012 – 2018)
 - ISYS/ISTM 210 Fundamentals of Information Systems, Fall 2012
 - ISYS/ISTM 250 Business Programming Logic and Design, Spring 2014, Fall 2014, Spring 2015, Fall 2015, Spring 2016, Fall 2016, Fall 2017
 - ISYS/ISTM 281/481 Professional Development in Information Systems Seminar, Fall 2016 (Web Scraping with Python), Spring 2017 (Data Analytics and Risk Management), Fall 2017 (Data Visualization with Tableau)
 - ISYS 315 / INFO 328 Database Management Systems, Summer 2013, Fall 2013, Summer 2014, Fall 2014
 - ISYS/ISTM 315 Database Programming, Spring 2015, Fall 2015, Spring 2016, Fall 2016, Spring 2017, Fall 2017, Spring 2018

- ISYS 320 / INFO 330 Business Systems Analysis and Design, Summer 2013
- ISYS 410 / INFO 439 Management of Information Systems, Fall 2012, Spring 2013, Spring 2016, Spring 2017
- ISYS 415 Large-Scale Information Systems Project, Fall 2013
- ISTM 489 Foundations of Data Analytics for Non-MIS Majors, Spring 2018
- ISYS 601 Fundamentals of Business Programming (C#), Fall 2013, Fall 2014, Fall 2015, Fall 2016
- ISYS/ISTM 615 / INFO 628 Business Database Systems, Summer 2013, Summer 2014, Summer 2015, Summer 2016, Summer 2017, Spring 2018, Summer 2018
- INFO 629 Systems Analysis and Design, Summer 2013
- ISYS 631 Information Systems Design and Development Project, Spring 2013, Spring 2014
- ISYS 705 Information Management for Decision Making, Spring 2017, Spring 2018
- Visiting Assistant Professor, MIS Division, Baylor University (2009 – 2012)
 - MIS 3301 Introduction to Programming Logic (VB.Net), Spring 2010, Fall 2010, Spring 2011, Fall 2011, Spring 2012
 - MIS 3305 Management Information Systems, Fall 2009
 - MIS 5325 (Graduate) Information Systems for Management, Fall 2009, Fall 2010, Fall 2011
- Instructor, MIS Division, University of Oklahoma (2006 – 2009)
 - MIS 2113 Introduction to MIS Lab, Fall 2006, Spring 2007, Fall 2008, Spring 2009
 - MIS 3033 Introduction to VB.Net, Spring 2008
 - MIS 3353/ACCT 4710 Database Management and Accounting Information Systems, Fall 2005, Spring 2006
- Teaching Assistant, MIS Division, University of Oklahoma
 - MIS 3033 Introduction to VB.Net, Fall 2007
 - MIS 3353 Database Management, Spring 2005
- Research Assistant, MIS Division, University of Oklahoma
 - For Professor Traci Carte, Fall 2004 to Spring 2005

Industry Experience

- Honors Intern (Software Developer), Criminal Justice Information Services (CJIS) Division, Federal Bureau of Investigation, June 2003 to August 2003, Clarksburg, WV
- Software Engineer/Technical Consultant, Metasolv, Inc., January 2001 to August 2002, Denver, CO

Refereed Publications

- Gomillion, D., Becker, A., George, J., and Scialdone, M. (2020) “Learning How to Teach: The Case for Faculty Learning Communities,” *Information Systems Education Journal*, Vol. 18(4), pp. 74-79.
- Carte, T. and Becker, A. (2017) “Emergent Leadership in Self-managed Virtual Teams: A Replication,” *AIS Transactions on Replication Research*, Vol. 3, Article 5.
- Carte, T., Chidambaram, L., and Becker, A. (2006) “Emergent Leadership in Self-Managed Virtual Teams: A Longitudinal Study of Concentrated and Shared Leadership Behaviors,” *Group Decision and Negotiation*, 15(4), pp. 323-343.

Presentations/Proceedings (Refereed)

- Gomillion, D., Becker, A., George, J., and Scialdone, M. (2019) “Learning How to Teach: The Case for Faculty Learning Communities,” *EDSIG Conference on Information Systems and Computing Education (EDSIGCON)*, Cleveland, OH, November 2019
- Gomillion, D., George, J., Scialdone, M., and Becker, A. (2019) “Cognitive Apprenticeship: Teaching Students How to Think Like an Expert,” *EDSIG Conference on Information Systems and Computing Education (EDSIGCON)*, Cleveland, OH, November 2019

- Carte, T. and Becker, A. (2016) “Emergent Leadership in Self-managed Virtual Teams: A Replication,” *Americas Conference on Information Systems (AMCIS)*, San Diego, CA, August 2016
- Becker, A., Carte, T., and Chidambaram, L. (2008) “The Effects of Collaborative Technology Appropriation on Group Outcomes,” DIGIT 2008 Workshop, held in conjunction with the International Conference on Information Systems (ICIS), Paris, France, December 2008
- Becker, A. (2008) “Leveraging Group Knowledge: The Effects of Collaborative Technology Appropriation on Group Outcomes,” *Big XII MIS Research Symposium*, Lubbock, TX, April 2008
- Becker, A. (2007) “Negotiating Technology Choice in Groups: The Importance of Shared Realms of Consideration,” *AMCIS Doctoral Consortium*, held in conjunction with the *Americas Conference on Information Systems (AMCIS)*, Keystone, CO, August 2007
- Becker, A., Carte, T., and Chidambaram, L. (2007) “Negotiating Technology Choice in Groups: The Importance of Shared Realms of Consideration,” *Big XII MIS Research Symposium*, Lawrence, KS, April 2007
- Becker, A., Carte, T., and Chidambaram, L. (2006) “Shared Realms of Consideration: Technology Choices by Groups and Their Impact on Performance,” *Journal of the Association of Information Systems (JAIS) Theory Development Workshop* held in conjunction with the *International Conference on Information Systems (ICIS)*, Milwaukee, WI, December 2006
- Becker, A., Carte, T., and Chidambaram, L. (2006) “Shared Realms of Consideration: Technology Choices by Groups and Their Impact on Performance,” *SIG IS Cognitive Research Exchange (IS-CORE) Workshop*, held in conjunction with the *International Conference on Information Systems (ICIS)*, Milwaukee, WI, December 2006
- Becker, A., Carte, T., and Chidambaram, L. (2006) “Shared Realms of Consideration in Virtual Teams: Some Field-Based Experiences,” *Americas Conference on Information Systems (AMCIS)*, August 2006, Acapulco, Mexico.
- Carte, T., Chidambaram, L., Becker, A., and Clay, S. (2005) “Emergent Leadership in Virtual Teams: A Longitudinal Study of Concentrated and Distributed Leadership Behaviors.” *Group Decision and Negotiation Conference*, July 2005, Vienna, Austria.
- Sharma, R., Carte, T., Coglisier, C., and Becker, A. (2005) “Management Support and the Implementation of Information Systems: A Review of the Construct.” *Academy of Management Conference (AOM)*, August 2005, Honolulu, HI.

Academic Service

Academic Community

- Chair, The College Board CLEP Information Systems Exam Committee (July 2021 – July 2022)
- Member, The College Board CLEP Information Systems Exam Committee (July 2017 – July 2021)

University

- Member, TAMU Mobile App Evaluation Team, Texas A&M University (October 2015 – January 2018)

College

- Member, Mays Assessment Steering Committee (MASC), Texas A&M University (August 2018 – present)
- Member, Mays Undergraduate Curriculum Committee (MUCC), Texas A&M University (August 2018 – present)
- Member, Mays CBK Review Sub-Committee, Texas A&M University (August 2018 – present)
- Member, Mays Graduate Curriculum Committee, Texas A&M University (June 2015 – present)
- Member, Mays Curriculum and Assessment Committee, Texas A&M University (June 2015 – August 2018)
- Member, Mays CBK Committee, Texas A&M University (June 2015 – August 2018)

Department

- Assistant Department Head, Texas A&M University (June 2015 – present)

- Undergraduate MIS Advisor, Texas A&M University (June 2015 – May 2018; May 2020 – May 2022)
- Graduate MIS Advisor, Texas A&M University (May 2018 – May 2020; May 2021 – present)
- Chair, MIS Clinical Faculty Search Committee, Texas A&M University (May 2016 – present)
- Chair, Graduate MIS Curriculum Committee, Texas A&M University (March 2018 – present)
- Chair, BBA in MIS Curriculum Committee, Texas A&M University (June 2015 – present)
- Leader, MIS Teaching Improvement Collaborative (MISTIC), Texas A&M University (August 2019 – present)
- Member, CMIS Faculty Advisory Board, Texas A&M University (June 2015 – present)
- Member, INFO Department Scholarship Selection Committee, Texas A&M University (January 2015 – present)

Awards and Honors

- INFO Teaching Excellence Award – Undergraduate (2023)
- INFO Teaching Excellence Award – Undergraduate (2022)
- INFO Teaching Excellence Award – Graduate (2022)
- Mays Business School Faculty Service Excellence Award (2021)
- INFO Department Faculty Service Award (2021)
- Association of Former Students College-Level Distinguished Achievement in Teaching Award (2021)
- INFO Teaching Excellence Award – Undergraduate (2021)
- INFO Teaching Excellence Award – Undergraduate (2020)
- INFO Teaching Excellence Award – Undergraduate (2019)
- INFO Teaching Excellence Award – Graduate (2019)
- Mays Business School Teaching Grant (2018)
- INFO Teaching Excellence Award – Undergraduate (2018)
- INFO Teaching Excellence Award – Graduate (2018)
- Mays Teaching Fellow (2017)
- INFO Teaching Excellence Award – Undergraduate (2017)
- INFO Teaching Excellence Award – Graduate (2017)
- INFO Teaching Excellence Award – Undergraduate (2016)
- INFO Teaching Excellence Award – Graduate (2016)
- Nancy and William J. Gardiner '76 Teaching Excellence Award (2016)
- INFO Department Faculty Service Award (2015)
- Mays Business School Teaching Grant (2014)
- OU Graduate Foundation Fellowship (2004 – 2008)
- Michael F. Price College of Business Doctoral Student Research Fellowship (2006)

Ad Hoc Reviewer

- *Information Systems Research*
- *Journal of Management Information Systems*
- *Group Decision and Negotiation*
- *The DATA BASE for Advances in Information Systems*
- *Team Performance Management*
- International Conference on Information Systems (ICIS)
- Americas Conference on Information Systems (AMCIS)
- Journal of the Association of Information Systems (JAIS) Theory Development Workshop
- Big XII MIS Research Symposium

Societal Impact Statement

The primary societal impact of my work at Texas A&M is through my teaching. A teacher can change the way a person thinks, not just about a given topic, but about everything. As such, teaching by its very nature generates a societal impact, whether for good or bad. I strive to ensure a positive societal impact of

my teaching not only by delivering high-quality content, but also through the ways in which I interact with my students. In my classes, I try to ensure that they feel seen, heard, understood, and that their thoughts and opinions are valuable. Further, I am keenly aware of the fact that several of my students are first-generation college students, and as such, I take very seriously my responsibility for shaping their minds in such a way as to prepare them for future success. For this reason, in addition to teaching modules related to technology (e.g., programming, databases, personal information security, and ethical frameworks in IT), I also teach modules covering life skills that they might not receive elsewhere, such as metacognition strategies, empathy, logical fallacies, and even personal finance.

I also try to create a positive societal impact through my service roles as Assistant Department Head and Graduate MIS Advisor. In my role as Assistant Department Head, I try to make decisions that improve the quality of life of both my faculty and the students they teach. In my role as the Graduate MIS Advisor, I provide not only academic guidance, but also career and life guidance where possible.

Finally, I try to create positive societal impact through my pedagogical research, by sharing innovations that have worked for me – such as Self-Directed Learning Exercises (SDLEs) and Nascent Teaching – and starting up a Faculty Learning Community (MIS Teaching Improvement Collaborative – MISTIC). My desire is for other teachers to be able to read about those innovations and adapt them to improve their own teaching.