

Dr. Max Kilger
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The University of Texas at San Antonio

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Work Phone:
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Education

Doctor of Philosophy, Sociology, Stanford University

Master of Arts, Sociology, Stanford University

Bachelor of Science, Sociology, Oregon State University

Academic Positions

2020 - Present Affiliated faculty member, UTSA AI Consortium for Human Well-Being

2019 - Present Affiliated Faculty Member, UTSA Cyber Center for Security and Analytics

2017 - Present associate Professor of Practice, UTSA

2021 - 2022 Adjoint Associate Professor, UT Health San Antonio

2015 - 2017 Senior Lecturer, UTSA

Administrative Assignments

2015 - Present Director, Masters in Data Analytics Program

Research Interests

Big data, new research methodologies, relationship of people to digital technology, cyber security , social structure of the hacking community, cyberterrorism

SCHOLARSHIP/RESEARCH/CREATIVE WORKS

Intellectual Contributions

Book, Chapter in Scholarly Book-New - Peer-Reviewed/Refereed

2022

4. Ahvanooley, M., Zhu, M., Mazurczyk, W., Kilger, M., Choo, R. (2022). Do Dark Web and Cryptocurrencies Empower Cybercriminals?, In Pavel Gladyshev, Sanjay Goel, Joshua James, George Markowsky, Daryl Johnson (Eds.), *International Conference on Digital Forensics and Cyber Crime* (pp. 277-293). Cham: Springer.

2021

3. Kilger, M. (2021). The Need to Develop Kinetic-Cyber Equivalencies. In Akdemir, N., Lawless, J. and Turksen U (Eds.), *Cybercrime in Action: An International Approach to Cybercrime* (pp. 19). Nobel Publishing.

2019

2. Kilger, M. Strategic Complexities of Kinetic-Cyber Relationships in Conflict. In Itamara Lochard (Eds.), *Information-Related Hybrid Threats in SE Europe* (pp. 12). Brussels: NATO. (Accepted)

2016

1. Kilger, M. (2016). Evaluating Technologies as Criminal Tools. In M. McGuire and T. Holt (Eds.), *The Handbook of Technology, Crime and Justice*. New York, New York: Routledge.

Journal Article, Academic Journal - Peer-Reviewed/Refereed

2022

8. Ahvanooley, M., Zhu, M., Mazurczyk, W., Li, Q., Kilger, M., Choo, R., Conti, M. CovertSYS: A Systematic Covert Communication Approach for Providing Secure End-to-End Conversation via Social Networks . *To appear in Journal of Information Security and Applications*. (Accepted)

2021

7. Sowan, A., Stagers, N., Berndt, A., Austin, T., Reed, C., Malshe, A., Kilger, M., Fonseca, E., Vera, A., Chen, Q. (2021). Improving the safety, effectiveness, and efficiency of clinical alarm systems: simulation-based usability testing of physiologic monitors. *JMIR Nursing*, 4(1).

2017

6. Holt, T., Kilger, M., Chiang, L., Yang, C.-s. (2017). Exploring the Correlates of Individual Willingness to Engage in Ideologically Motivated Cyber-Attacks.

Deviant Behavior, 38(3), 356-373.

2012

5. Kilger, M., Holt, T. (2012). Examining the willingness to attack critical infrastructure on and off-line. *Crime & Delinquency*, 58(5), 798-82.
4. Holt, T., Kilger, M., Smirnova, O., Strumsky, D. (2012). Examining the social networks of malware writers and hackers. *International Journal of Cyber Criminology*, 6(1), 891-903.

2007

3. Kilger, M., Romer, E. (2007). Do measures of media engagement correlate with product purchase likelihood?, *Journal of Advertising Research*, 47(3), 313-325.

2004

2. Garrick, B.J., Hall, J., Kilger, M., McDonald, J., O'Toole, T., Probst, P., Rindskopf Parker, e., Rosenthal, R., Trivelpiece, A., Van Arsdale, L., Zebroski, E. (2004). Confronting the risks of terrorism: Making the right decisions. *Reliability Engineering and System Safety*, 86(2), 129-176.

1994

1. Kilger, M. (1994). The digital individual. *Information Society*, 10(2), 93-99.

Conference Proceeding - Peer-Reviewed/Refereed

2015

1. Kilger, M. (2015). Integrating Human Behavior Into the Development of Future Cyberterrorism Scenarios. In IEEE (Eds.), *2015 10th International Conference on Availability, Reliability and Security (ARES)* (pp. 8). New York, New York: IEEE.

Technical Report - Peer-Reviewed/Refereed

2020

1. Kilger, M. Emerging Threat Actor Perspectives in the 2040 NATO Cyber Domain Environment. In NATO (Eds.), *Perspectives on the 2040 NATO Cyber Domain Threat Environment*. Norfolk, Virginia: HEADQUARTERS, SUPREME ALLIED COMMANDER TRANSFORMATION. (Completed)

Publication, Other - Peer-Reviewed/Refereed

2018

1. Kilger, M. (2018). Cybermarketing. In Bruce Arrigo (Eds.), *The SAGE Encyclopedia of Surveillance, Security, and Privacy* (pp. 263-265). Thousand Oaks, California: Sage Publications.

Book, Scholarly-New - Not Peer-Reviewed/Refereed

2017

2. Malin, C., Holt, T., Guaditis, T., Kilger, M. (2017). *Deception in the Digital Age*. Cambridge, MA: Academic Press.

2012

1. Bodmer, S., Kilger, M., Carpenter, G., Jones, J. (2012). *Reverse Deception: Organized Cyber Counter-Exploitation*. (pp. 464). New York, New York: McGraw-Hill.

Book, Chapter in Scholarly Book-New - Not Peer-Reviewed/Refereed

2021

10. Kilger, M. (2021). Terrorism and Targeting People, Healthcare Systems and the Effect on National Security During the COVID 19 Pandemic. In Zlatogor Minchv (Eds.), *Digital Transformation in the Post Informational Age*. Sophia: Institute of ICT, Bulgarian Academy of Sciences & Softtrade Publishing House.
<https://www.iict.bas.bg/EN/publishing.html>

2017

9. Kilger, M. (2017). Anticipating the Nature and Likelihood of a Cyberterror Community. In Tarek Saadawi and John Cowell Jr. (Eds.), *Critical Infrastructure Protection Volume III* (vol. 3, pp. 157-192). Carlisle, PA: Department of Defense, Strategic Studies Group, Army War College.

2016

8. Kilger, M. (2016). The Evolving Nature of Nation State – Malicious Online Actor Relationships. In Tom Holt (Eds.), *Cybercrime Through an Interdisciplinary Lens* (pp. 30). London: Routledge.
7. Kilger, M. (2016). Interventions, Policies, and Future Research Directions in Cybercrime. In Carlos Cuevas (Eds.), *The Wiley-Blackwell Handbook on the Psychology of Violence*. Hoboken, New Jersey: Wiley-Blackwell.

2015

6. Holt, T., Kilger, M., Chiang, L., Yang, C.-s. (2015). Exploring the behavioral and attitudinal correlates of civilian cyberattacks. In Martin Bouchard (Eds.), *Social Networks, Terrorism and Counter-terrorism: Radical and Connected (Contemporary Terrorism Studies)* (pp. 26). New York, New York: Routledge.

2014

5. Holt, T., Smirnova, O., Strumsky, D., Kilger, M. (2014). Case Study: Advancing research on hackers through social network data. In Catherine Marcum and George Higgins (Eds.), *Social Networking as a Criminal Enterprise* (pp. 145-166). Boca Raton, FL: CRC Press.

2013

4. Kilger, M. (2013). The role of nation states in cyberattacks. In Thomas Holt and Bernadette Schell (Eds.), *Hackers and Hacking: A Reference Handbook* (pp. 6). Santa Barbara, California: ABC-CLIO.
3. Kilger, M. (2013). The emergence of the civilian cyber warrior. In Tarek Saadawi and Louis Jordan (Eds.), *Cyber Infrastructure Protection* (vol. 2, pp. 21). Carlisle, PA: Department of Defense, Strategic Studies Institute, Army War College.

2010

2. Kilger, M. (2010). Social dynamics and the future of technology-driven crime. *Corporate Hacking and Technology Driven Crime: Social Dynamics and Implications*. Hershey, PA: IGI-Global.

2008

1. Garrick, B.J., Christie, R.F., Hornberger, G.M., Kilger, M., Stetkar, J.W. (2008). Terrorist attack on the national electrical grid. *Quantifying and Controlling Catastrophic Risks*. Waltham, MA: Academic Press.

Book, Chapter in Non-Scholarly Book-New - Not Peer-Reviewed/Refereed

2004

2. Kilger, M., Stutzman, J., Arkin, O. (2004). Profiling. In The HoneyNet Project (Eds.), *The HoneyNet Project Know Your Enemy* (pp. 505-556). Boston, MA: Addison Wesley Professional.

2001

1. Kilger, M., Stutzman, J. (2001). In their own words. In The HoneyNet Project (Eds.), *Know Your Enemy: Revealing the Security Tools, Tactics and Motives of the BlackHat Community* (pp. 151-265). Indianapolis, IN: Addison Wesley.

Book Segment, Other - Not Peer-Reviewed/Refereed

2016

2. Kilger, M. (2016). Cybermarketing. *The SAGE Encyclopedia of Surveillance, Security, and Privacy*. Los Angeles, CA: Sage Publications.

2015

1. Kilger, M. (2015). Putting big data and big data metrics into perspective. In Stephen Rappaport (Eds.), *The Digital Metrics Field Guide*. Amsterdam: BIS Publishers.

Conference Proceeding - Not Peer-Reviewed/Refereed

2008

1. Holt, T., Kilger, M. (2008). Techcrafters and makecrafters: A comparison of two populations of hackers. In IEEE (Eds.), (pp. 67-78). Amsterdam: IEEE WISTDCS

WOMBAT Proceedings.

Intellectual Property

2006

1. Kilger, M., & Engel, W. Process and system for integrating information from disparate databases for purposes of predicting consumer behavior.20060143073, Experian.

Patent

2013

1. Kilger, M., Fetto, J., & Algranati, D. Multimedia engagement study.20130218638, Experian.

Contracts, Fellowships, Grants, Sponsored Research and Residencies

Grant - Funded

2021

1. Kilger, M., "The UTSA IC CAE Critical Technology Studies Program PI's/Co-PI's;Sharedcredit: Kilger, Max PI - 60.00% Najafirad, Peyman Co-PI - 40.00%," Sponsored by US DOD Defense Intelligence Agency, \$2,000,000.00. (September 28, 2018 - September 27, 2021).

Grant - Submitted

2031

5. Kilger, M., "UTSA IC Centers for Academic Excellence: Integrated STEM-Social Science Cross Training Intelligence Program," Sponsored by The Office of the Director of National Intelligence (ODNI), \$2,500,000.00. (August 15, 2022 - August 14, 2031).

2024

4. Kilger, M., "Collaborative Research: HDR DSC: Data-Driven Ecosystem for Scientific Cyber Intelligence Workforce Development PI's/Co-PI's;Sharedcredit: Niu, Jianwei PI - 50.00% Gutierrez, Juan Co-PI - 10.00% Reddick, Christopher Co-PI - 10.00% Kilger, Max Co-PI - 10.00% Huggins, John Co-PI - 10.00% Yuen, Timothy Co-PI - 10.00%," Sponsored by Natl Science Fdn, \$840,205.00. (September 1, 2021 - August 31, 2024).

2022

3. Kilger, M., "HT-Patroller: A Safety and Protection Information Platform for the Detection, Rescue and Recovery of Victims and Tracking of Criminal Behavior

PI's/Co-PI's;Sharedcredit: Agaian, Sos PI - 63.00% Chanmugam, Amy Co-PI - 30.00% Grigoryan, Artyom Co-PI - 1.00% Kilger, Max Co-PI - 1.00% Beebe, Nicole Co-PI - 1.00% Lee, Wonjun Co-PI - 1.00% Patrick, Kellie Co-PI - 1.00% Sparks, Corey Co-PI - 1.00% Tillyer, Robert Co-PI - 1.00%," Sponsored by MacArthur Foundation, \$100,000,000.00. (October 1, 2017 - September 30, 2022).

2019

2. Kilger, M., "Fraud and Money Laundering Detection using Data Science and Machine Learning Techniques PI's/Co-PI's;Sharedcredit: Kilger, Max PI - 100.00%," Sponsored by ConTex, \$71,600.00. (June 1, 2017 - June 1, 2019).

2016

1. Kilger, M., "Contextual Analysis of the Social Dynamic of a Hackerspace PI's/Co-PI's;Sharedcredit: Kilger, Max PI - 100.00%," Sponsored by UTSA VPR Office, \$2,500.00. (September 1, 2015 - August 31, 2016).

Subaward - Submitted

2022

6. Kilger, M., "Engineering Research Center for the Innovation for Carbon Capture, Utilization, and Storage (InFOCUS) PI's/Co-PI's;Sharedcredit: Gomez, Juan PI - 40.00% Kilger, Max Co-PI - 12.00% Halvaksz, Jamon Co-PI - 12.00% Ponce Pedraza, Arturo Co-PI - 12.00% Tunstall, Thomas Co-PI - 12.00% Elnakat, Afamia Co-PI - 12.00%," Sponsored by Brown University, \$3,291,666.00. (August 1, 2017 - July 31, 2022).
5. Kilger, M., "Nationwide suspicious activity reporting initiative PI's/Co-PI's;Sharedcredit: Choo, Kim-Kwang PI - 25.00% Liu, Zhechao Co-PI - 12.50% Rios, Anthony Co-PI - 12.50% Zhu, Hongyi Co-PI - 12.50% Kilger, Max Co-PI - 12.50% Malshe, Ashwin Co-PI - 12.50% Ye, Keying Co-PI - 12.50%," Sponsored by Pennsylvania State University, \$1,500,000.00. (March 23, 2020 - March 22, 2022).

2021

4. Kilger, M., "Cybersecurity Big Data Research: Identifying Hacker Community Assets, Networks, and Threats PI's/Co-PI's;Sharedcredit: Kilger, Max PI - 100.00%," Sponsored by Univ of Arizona, \$199,998.00. (October 1, 2017 - September 30, 2021).
3. Kilger, M., "CRI Preliminary: CI-New: CRI for Cybersecurity: A Cyber Threat Intelligence (CTI) Perspective PI's/Co-PI's;Sharedcredit: Kilger, Max PI - 100.00%," Sponsored by Univ of Arizona, \$90,000.00. (July 1, 2018 - June 30, 2021).

2020

2. Kilger, M., "BIGDATA:Collaborative Research:IA: Cybersecurity Big Data Research: Identifying Hacker Community Assets, Networks, and Threats

PI's/Co-PI's;Sharedcredit: Kilger, Max PI - 100.00%," Sponsored by Univ of Arizona, \$244,197.00. (August 1, 2016 - July 31, 2020).

2019

1. Kilger, M., "Securing Cyber Space: Understanding the Cyber Attackers and Attacks via Social Media Analytics" PI's/Co-PI's;Sharedcredit: Kilger, Max PI - 100.00%," Sponsored by Univ of Arizona, \$225,192.00. (January 1, 2016 - December 31, 2019).

Presentations

Invited Talk - Peer-Reviewed/Refereed

2022

23. Kilger, M., "Strategic Complexities of Kinetic-Cyber Relationships in Conflict," NATO Terrorist Use of Cyberspace, NATO - Center for Excellence for Defense Against Terrorism, Ankara, Turkey. (September 21, 2022). (In Progress)
22. Kilger, M., "Integrating Human Behavior into the Development of Future Cyberterrorism Scenarios," NATO Terrorist Use of Cyberspace, NATO - Center for Excellence for Defense Against Terrorism, Ankara, Turkey. (September 19, 2022).

2020

21. Kilger, M., "Countering terrorism via the internet," NATO Terrorist Use of Cyberspace, NATO - Center for Excellence for Defense Against Terrorism, Ankara, Turkey. (March 10, 2020).
20. Kilger, M., "Integrating Human Behavior into the Development of Future Cyberterrorism Scenarios," NATO Terrorist Use of Cyberspace, NATO - Center for Excellence for Defense Against Terrorism, Ankara, Turkey. (March 10, 2020).

2019

19. Kilger, M., "Hybrid Attacks: Synergies between Civilian Intention for Cyber and Physical Terrorist Attacks," NATO Science for Peace and Security (SPS) Senior Leadership Roundtable on Information-Related Hybrid Threats in South East Europe, NATO Science for Security and Peace Programme, Ohrid, North Macedonia. (October 8, 2019).

2018

18. Kilger, M., "Terrorist Use of the Internet: Information Operations in Cyberspace," Terrorism and Changing Nature of Conflict, NATO - Center for Excellence for Defense Against Terrorism, Ankara, Turkey. (November 27, 2018).
17. Kilger, M. (Author & Presenter), "Cybercriminals, TCOs and Facilitating Access to Weapons of Mass Destruction," Honeynet Annual Workshop, Honeynet Project, Taipei, Taiwan. (July 9, 2018).

2017

16. Kilger, M. (Author & Presenter), & Malin, C. (Author), "CYber Jihad and Deception," 2017 HoneyNet Project Annual Workshop, The HoneyNet Project, Australian Defence Force Academy, Canberra, Australia. (November 13, 2017).

2016

15. Kilger, M., "Integrating Human Behavior into the Development of Future Cyber terrorism Scenarios," 2016 Annual HoneyNet Project Workshop, The HoneyNet Project, UTSA. (May 17, 2016).
14. Kilger, M., "Synergy and Discordance: Forecasting the future cooperation of nation-states and non-nation state actors," 3rd Annual Michigan State University Interdisciplinary Conference on Cybercrime, Michigan State University, Michigan State University. (March 17, 2016).

2014

13. Kilger, M., "unclassified talk on a information security topic," 2nd Annual Psyber Behavioral Analysis Symposium, National Security Agency, Fort Meade, MD. (August 2014).

2012

12. Kilger, M. (Author & Presenter), "Personal privacy attitudes and applications," Do Not Track Workshop, World Wide Web Consortium, Berkeley, CA. (November 26, 2012).

2010

11. Kilger, M. (Author & Presenter), "Black hat, white hat, gray hat, red hat: What Dr. Seuss forgot to tell you about the computer hacker community 2.0," AUS2010, AusCERT, Brisbane, Australia. (May 19, 2010). (Completed)
10. Holt, T. (Author), & Kilger, M. (Author & Presenter), "The role and function of social networks in the Russian malware community," AUS2010, AusCERT, Brisbane, Australia. (May 19, 2010).
9. Holt, T. (Author), & Kilger, M. (Author & Presenter), "Examining the behaviors of Russian malware writers (expanded edition to closed audience)," Australian Online Crime Symposium, AusCERT, Brisbane, Australia. (May 18, 2010).
8. Kilger, M. (Author & Presenter), "Motivations and objectives that are shaping emerging and future information security threats," Source2010, Source Conference, Boston, MA. (April 20, 2010).

2009

7. Kilger, M. (Author & Presenter), "Some important emerging shifts in the motivations and objectives of cyberattackers," SeacureIT Security Conference, SeacureIT, Milan, Italy. (October 21, 2009).
6. Holt, T. (Author & Presenter), Kilger, M. (Author & Presenter), Strumsky, D. (Author), & Smirnova, O. (Author), "Identifying, exploring and predicting threats in the Russian malware hacker community," DEFCON17, DEFCON, Las Vegas, NV. (July 31, 2009).

5. Kilger, M. (Author & Presenter), "Basic profiling perspectives in the digital world," Annual Honeynet Project workshop, IMPACT United Nations backed cyber threat research center, Putrajaya, Malaysia. (March 2, 2009).

2007

4. Kilger, M. (Author & Presenter), "An example of a successful international information security research alliance," Third Annual European Network and Information Security Conference, European Commission, Vilnius, Lithuania. (November 20, 2007).

2005

3. Kilger, M. (Author & Presenter), "Ghosts in the machine," 22C3 Computer Chaos Conference, Computer Chaos Club, Berlin, Germany. (December 27, 2005).

2003

2. Kilger, M. (Author & Presenter), "Different perspectives on the social structure and actors within the hacker counterculture," Future of Cybercrime Conference, FBI Behavior Science Unit, FBI Academy, Quantico, VA. (August 2003).

2002

1. Kilger, M. (Author & Presenter), "Social motivations of the black hat community," AusCERT 2002, AusCERT, Surfers Paradise, Australia. (May 2002).

Keynote/Plenary Address - Peer-Reviewed/Refereed

2018

2. Kilger, M., "Integrating Human Behavior into the Development of Future Scenarios of Terrorist Use of Cyberspace," Taiwan International Cyber Security Organization Summit, Cloud Security Alliance Taiwan Chapter, the Honeynet Project Taiwan Branch, and the OWASP Taiwan Chapter, Taipei, Taiwan. (July 11, 2018).

2004

1. Kilger, M. (Author & Presenter), "Clarice meets the matrix: The science of profiling takes a whole new direction," AusCERT2004, AusCERT, Brisbane, Australia. (May 2004).

Lecture - Peer-Reviewed/Refereed

2018

8. Kilger, M. (Author & Presenter), "Nation State versus Non-Nation State Collaborations in Cyberterrorism," NATO training course - Terrorist Use of Cyberspace, NATO, Ankara, Turkey. (May 15, 2018).
7. Kilger, M., "Digital Life+Government Policy+National Security," SXSW, SXSW, austin, texas. (March 14, 2018).

2017

6. Kilger, M. (Author & Presenter), & Ngyuen, C. (Author), "Nation State versus Non-Nation State Collaborations in Cyberterrorism," NATO training course - Terrorist Use of Cyberspace, NATO, Ankara, Turkey. (November 7, 2017).
5. Kilger, M. (Author & Presenter), & Ngyuen, C. (Author), "Asymmetry in Cyberattack Targets: A Social Science Perspective," NATO training course - Terrorist Use of Cyberspace, NATO, Ankara, Turkey. (April 25, 2017). (Completed)
4. Kilger, M. (Author & Presenter), "Anticipating the Nature and Likelihood of a Cyberterror Community," artintoscience conference, information security community, austin, texas. (January 25, 2017).

2016

3. Kilger, M. (Author & Presenter), & Ngyuen, C. (Author), "Asymmetry in Cyberattack Targets: Comparisons between Foreign Country and Homeland as Terrorist Target," NATO training course - Terrorist Use of Cyberspace, NATO, Ankara, Turkey. (November 8, 2016).
2. Kilger, M. (Author & Presenter), "Integrating Human Behavior Into the Development of Future Scenarios of Terrorist Use of Cyberspace," NATO training course - Terrorist Use of Cyberspace, NATO, Ankara, Turkey. (November 7, 2016).

2015

1. Kilger, M. (Author & Presenter), "Integrating Human Behavior Into the Development of Future Scenarios of Terrorist Use of Cyberspace," NATO training course - Terrorist Use of Cyberspace, NATO, Ankara, Turkey. (November 12, 2015).

Oral Presentation - Peer-Reviewed/Refereed

2013

1. Kilger, M. (Author & Presenter), McGavick, H. (Author), & Spayer, A. (Presenter), "Influence of the growing Hispanic population on non-Hispanics," Rethink! Conference, Advertising Research Foundation, New York, New York. (March 17, 2013).

Panelist - Peer-Reviewed/Refereed

2010

1. Kilger, M. (Panelist), McIntyre, S. (Panelist), Ranum, M. (Panelist), Dingleline, R. (Panelist), MacGibbon, A. (Panelist), Gampe, P. (Panelist), & Redhead, T. (Panelist), "Information Security Speed Debate Panel," AusCERT 2012, AusCERT, Brisbane, Australia. (May 19, 2010).

Paper - Peer-Reviewed/Refereed

2021

24. Ahvanooy, M. (Author & Presenter), Zhu, M. (Author), Mazurczyk, W. (Author), Kilger, M. (Author), & Choo, K.-K., "Do Dark Web and Cryptocurrencies Empower Cybercriminals?," 12th EAI International Conference on Digital Forensics & Cyber Crime, European Alliance for Innovation, Singapore. (December 9, 2021). (Accepted)
23. Joshi, R. (Author & Presenter), Guzman, H. (Author), Desai, K. (Author), Guzman, V. (Author), & Kilger, M. (Author), "Multimodal Data Streaming using Visual IoTs and Wearables for Telerehabilitation and Teletreatment," World Automation Congress, IEEE SMC Society, San Antonio, TX - virtual. (August 4, 2021).

2015

22. Kilger, M. (Author & Presenter), "Integrating Human Behavior Into the Development of Future Cyberterrorism Scenarios," 2015 10th International Conference on Availability, Reliability and Security (ARES), IEEE, Toulouse, France. (August 24, 2015).
21. Bourtese, J. (Author & Presenter), Kilger, M. (Author), & Leonard, J. (Author), "Patterns of Response and Nonresponse to Sexual Orientation Measures," American Association for Public Opinion Research Annual Conference, American Association for Public Opinion Research, Hollywood, FL. (May 14, 2015).
20. Leonard, J. (Author & Presenter), Kilger, M. (Author), & Bouterse, J. (Author), "The Effects of Total Navigational Burden, Length of Instrument and Page Complexity on Item Non-Response," American Association for Public Opinion Research Annual Conference, American Association for Public Opinion Research, Hollywood, FL. (May 14, 2015).
19. Kudisch, C. (Author & Presenter), Kilger, M. (Author), Leonard, J. (Author), & Palit, C. (Author), "U.S. Hispanic Receptivity to Self-Reported Measure of Sexual Orientation," American Association for Public Opinion Research Annual Conference, American Association for Public Opinion Research, Hollywood, FL. (May 14, 2015).

2014

18. Dobrikova, R., Kudisch, C., Sanford, S., & Kilger, M., "Challenges and strategies involved in adapting a very large scale survey for online administration," American Association for Public Opinion Research Annual Conference, American Association for Public Opinion Research, Anaheim, CA. (August 8, 2014).

2013

17. Kilger, M. (Author), & Boals, T. (Author & Presenter), "The mechanics of GPS geolocation for mobile devices: Their potential for measurement error and some illustrative data," American Association for Public Opinion Research Annual Conference, American Association for Public Opinion Research, Boston, MA. (May 16, 2013).

16. Kilger, M. (Author & Presenter), & Romer, E., "A cost efficient scalable strategy for estimation of advertising ROI," Print and Digital Research Forum Semi-Annual Conference, Print and Digital Research Forum, Nice, France. (October 13, 2013).

2012

15. Kilger, M., & Jovanova, D., "Predictors of Personal Data Privacy Attitudes and Behaviors and the Consequences for Survey Researchers," American Association for Public Opinion Research Annual Conference, American Association for Public Opinion Research, Orlando, FL. (May 17, 2012).
14. Kilger, M. (Author & Presenter), & Boals, T. (Author), "Use of Passive Meters in Collecting Data on Consumer Mobile Phone Use," American Association for Public Opinion Research Annual Conference, American Association for Public Opinion Research, Orlando, FL. (May 17, 2012).
13. Kilger, M. (Author & Presenter), Leonard, J. (Author), Simantov, E. (Author), & Mathis, T. (Author), "Exploring media use today: Profiles of cross-platform media consumption," Rethink! Conference, Advertising Research Foundation, New York, New York. (March 26, 2012).

2011

12. Kilger, M. (Author & Presenter), & Palit, C. (Author), "Consumer Confidence and Consumer Purchase Behavior During the Economic Crisis of 2008," American Association for Public Opinion Research Annual Conference, American Association for Public Opinion Research, Phoenix, AZ. (May 14, 2011).
11. Palit, C. (Author & Presenter), & Kilger, M. (Presenter), "An analysis of the relationship between public sentiment and corporate performance during a crisis as illustrated by the British Petroleum Gulf Coast crisis," American Association for Public Opinion Research Annual Conference, American Association for Public Opinion Research, Phoenix, AZ. (May 12, 2011).
10. Kilger, M. (Author & Presenter), & Romer, E. (Author), "Unique learnings in creating a 360 view of mobile consumers," Print and Digital Research Forum Semi-Annual Conference, Print and Digital Research Forum, San Francisco, CA. (October 2011).

2010

9. Kilger, M. (Author & Presenter), & Shagan, C. (Author), "Time series analysis of consumers reaction to economic recession," Rethink! Conference, Advertising Research Foundation, New York, New York. (March 22, 2010).

2009

8. Kilger, M. (Author & Presenter), Dougherty, H. (Author), & Lipton, T. (Author), "Islands in the clickstream: An analysis of pathways to a magazine title," Worldwide Readership Research Symposium, Worldwide Readership Research Forum, Valencia, Spain. (October 11, 2009).

2008

7. Kilger, M. (Author & Presenter), & Holt, T. (Author), "Techcrafters and makers: A comparison of two populations of hackers," WOMBAT conference, EU Commission and the Free University of Amsterdam, Amsterdam, The Netherlands. (April 21, 2008).
6. Kilger, M. (Author & Presenter), "Media engagement - developing consistent measures across multiple media channels," ESOMAR World Wide Media Measurement Conference, ESOMAR, Budapest, Hungary. (June 2008).

2005

5. Kilger, M. (Author & Presenter), "Obesity and consumer choice: Understanding the relationship between body size and consumer behavior," ESOMAR Consumer Insights Conference, ESOMAR, Barcelona, Spain. (November 2005).
4. Kilger, M. (Author & Presenter), "Temporal and antecedent patterns in magazine and newspaper reading," Worldwide Readership Research Symposium, Worldwide Readership Research Forum, Prague, Czech Republic. (October 2005).

2004

3. Kilger, M. (Author & Presenter), "Demographic, behavioral and attitudinal changes in the migration from low speed to high speed Internet access," ESOMAR Online and Outdoor Conference, ESOMAR, Geneva, Switzerland. (June 2004).
2. Kilger, M. (Author & Presenter), "Media multiplexing in the United States," ESOMAR Television Audience Conference, ESOMAR, Geneva, Switzerland. (June 2004).

1993

1. Kilger, M. (Author & Presenter), "The Digital Individual," CFP'93, Computer Professionals for Social Responsibility, Burlingame, CA. (March 9, 1993).

Briefing - Not Peer-Reviewed/Refereed

2015

1. Kilger, M. (Author & Presenter), "Briefing on a number of cyber security issues," The Home Office, Department of Security and Counterterrorism, London, England. (August 27, 2015).

Invited Talk - Not Peer-Reviewed/Refereed

2023

36. Kilger, M., "Big Data Security Challenges in Healthcare from an Academic Perspective," 5G Telemedicine Security Summit, KnowledgeBridge International Inc, Austin, TX. (March 8, 2023).

2022

35. Kilger, M., "Integrating Substantive Tracks into Cyber Security Programs," 2022 Cybersecurity and Intelligence Congress, Jenkins Graduate School UDLAP, Mexico City, Mexico. (October 28, 2022).
34. Kilger, M. (Author & Presenter), "Federal efforts to ensure sufficient manpower to secure US cyberspace," Study of the U.S. Institutes (SUSI) for Scholars and Secondary Educators on U.S. Foreign Policymaking, U.S. State Department / University of Delaware, virtual. (July 19, 2022).
33. Kilger, M. (Author & Presenter), "National Security and Human-Digital Technology Relationship," Executive Master in Strategic Leadership and Digital Transformation, The Center for Higher Defence Studies - Italian Government, Rome, Italy (virtual). (May 12, 2022).
32. Kilger, M. (Author & Presenter), "Big Data: integrating data analytics to improve strategic decision making and lead change," Executive Master in Strategic Leadership and Digital Transformation, The Center for Higher Defence Studies - Italian Government, Rome, Italy (virtual). (May 4, 2022).
31. Kilger, M. (Author & Presenter), "Terrorism and Targeting People, Healthcare Systems and the Effect on National Security During the COVID 19 Pandemic," 2022 MSU Interdisciplinary Conference on Cybercrime, Michigan State University, East Lansing, Michigan (virtual). (June 6, 2022).

2021

30. Kilger, M. (Author & Presenter), "Invited talk on the role of social and psychological forces in cyberterrorism," Second Annual International Security Conference, Turkish Ministry of the Interior, Gendarmerie and Coast Academy, Gendarmerie and Coast Academy, Ankara, Turkey. (September 21, 2021).
29. Kilger, M. (Author & Presenter), "Human - Digital Technology Relationships from a National Security Perspective," Study of the U.S. Institutes (SUSI) for Scholars and Secondary Educators on U.S. Foreign Policymaking, U.S. State Department / University of Delaware, virtual. (July 22, 2021).
28. Kilger, M. (Author & Presenter), "Integrating Human Behavior Into the Development of Future Cyberterrorism Scenarios," International Conference on Advanced Research and Technology for Defence, Securing Digital Future 21, Institute of ICT, Bulgarian Academy of Sciences, Varna, Bulgaria. (June 29, 2021).
27. Kilger, M., "The Future Dynamics of Cognitive Warfare in the Cyber Domain," NATO TIDE Sprint 2021, NATO Allied Command Transformation HQ, Virtual. (October 26, 2021).

2020

26. Kilger, M., "BLACK HAT, WHITE HAT, GRAY HAT RED HAT: WHAT DR. SEUSS FORGOT TO TELL YOU ABOUT COMPUTER HACKERS," UTSA Global Intelligence Association meeting, UTSA GIA, virtual. (October 29, 2020).
25. Kilger, M., "BLACK HAT, WHITE HAT, GRAY HAT RED HAT: WHAT DR. SEUSS FORGOT TO TELL YOU ABOUT COMPUTER HACKERS," UTSA ACM student chapter meeting, UTSA ACM, virtual. (October 7, 2020).

2019

24. Kilger, M. (Author & Presenter), "Discussion of cyberterrorism and US National Security Policy," SUSI visiting scholars meeting at UTSA, US Department of State. (June 27, 2019).
23. Kilger, M., "Counterterrorism in the Cyber Domain," Sovos Global Compliance Series: GCS Intelligent Reporting Summit, Sovos, San Antonio, TX. (October 29, 2019).
22. Kilger, M., "White Hat Black Hat Red Hat Gray Hat: What Dr. Seuss Forgot to Tell You About Computer Hackers," UTSA 50th Anniversary Faculty Speaker Series, UTSA, Geekdom Event Center San Antonio. (July 30, 2019).

2018

21. Kilger, M., "Future Emerging Trends in Cybercrime and Cyberterrorism," LUISS Guido Carli University / European Union Law Enforcement Training Agency, Rome, Italy. (May 24, 2018).
20. Kilger, M., "Integrating Human Behavior Into the Development of Future Cyberterrorism Scenarios," Human Factors and Medicine Panel Research Workshop, NATO Science and Technology Organization, Sofia, Bulgaria. (April 16, 2018).

2017

19. Kilger, M., "Motivations and Social Dynamics of Malicious Online Actors," Meeting of Association of Information Technology Professionals - San Antonio Chapter, San Antonio, TX. (October 18, 2017).

2016

18. Kilger, M., "Be Careful What You Wish For: The Importance of Heuristics and Measurement in Big Data," Texas Fresh Air Conference, University of Texas Regents, UTSA. (March 31, 2016).
17. Kilger, M., "Big data; Leveraging new analytical strategies," Real Estate Council of San Antonio, San Antonio, TX. (August 1, 2016).

2014

16. Kilger, M. (Author & Presenter), "Nation state versus kids who skate: the role of social scientists in identifying and understanding emerging cyberthreats," Annual Michigan State University Interdisciplinary Conference on Cybercrime, Michigan State University, Michigan State University. (March 23, 2014).
15. Kilger, M. (Author & Presenter), "The future of emerging cyberthreats," TEDxFAU, TEDx, Florida Atlantic University, Jupiter, FL. (April 18, 2014).

2012

14. Kilger, M. (Author & Presenter), "The nature of the Hispanic mobile market," Portada Mobile Marketing Forum, Portada, New York, New York. (November 7, 2012).

2011

13. Kilger, M. (Author & Presenter), "Motivations for malicious online behavior and consequent emerging cross-national cyberthreats," Center for Policing, Intelligence and Counter-terrorism, McQuarie University, Sydney, Australia. (December 7, 2011).
12. Kilger, M. (Author & Presenter), "The emerging threat from the civilian cyber warrior," Workshop on Cyber Security and Global Threats, Office of Naval Research, George Mason University and Hungary CERT, Budapest, Hungary. (May 31, 2011).
11. Kilger, M. (Author & Presenter), & Holt, T. (Author & Presenter), "Understanding the social behavior of cyberattackers on and offline," HoneyNet Project Annual Workshop, EISEA and the HoneyNet Project, Paris, France. (March 22, 2011).
10. Kilger, M., "What is possible - what is needed in big data analytics," Advertising Research Foundation Industry Leader Forum, Advertising Research Foundation, New York, New York. (October 27, 2011).

2010

9. Kilger, M. (Author & Presenter), "Motivations for malicious online behavior and consequent emerging cross-national cyberthreats," Workshop on Cyber Security and Global Threats, Office of Naval Research, George Mason University and Swiss Federal Institute of Technology, Zurich, Switzerland. (July 7, 2010).
8. Kilger, M. (Author & Presenter), "Cyber Threats and National Security," Cyber Squad, FBI Field Office Los Angeles, Federal Bureau of Investigation, Los Angeles, CA. (September 1, 2010).

2008

7. Kilger, M. (Author & Presenter), "A look at emerging threats on the Internet from a social scientist's eyes," Interdisciplinary Conference on Cybercrime, University of North Carolina, Charlotte, NC. (May 15, 2008).

2006

6. Kilger, M. (Author & Presenter), & Watson, D. (Author & Presenter), "Profiling the black hat community," Information Security Conference, Pacific Northwest National Laboratories, Hanford, WA. (March 2006).

2005

5. Kilger, M. (Author & Presenter), "Motivations of the black hat community," EADS security meeting, European Aeronautic Defence and Space Systems, Paris, France. (February 2005).

2004

4. Kilger, M. (Author & Presenter), "Can you catch more bees with a honeynet?," CSFG meeting, U.S. Department of Energy, Washington, D.C. (July 2004).
3. Kilger, M. (Author & Presenter), "Hacker profiling for law enforcement and intelligence agencies," Law enforcement conference, U.S. Attorneys Office, Chicago, IL, Chicago, IL. (October 2004).

2002

2. Kilger, M. (Author & Presenter), "UNCLASS undisclosed talk on cyber adversaries," CNO SSG meeting, Chief of Naval Operations Strategic Studies Group, Navy War College, Newport, Rhode Island. (December 20, 2002).
1. Kilger, M. (Author & Presenter), "White hat, black hat, red hat, gray hat: A look into the social structure of the computer hacking community," Department of Energy Mission Computing Conference, U.S. Department of Energy, Washinton, D.C. (February 2002).

Keynote/Plenary Address - Not Peer-Reviewed/Refereed

2019

4. Kilger, M., "The Role of Geospatial Data in the Larger Cyber Threatspace," Geoprofessional Business Association Fall Conference, Geoprofessional Business Association, Louisville, KY. (October 4, 2019).

2018

3. Kilger, M., "Technology, Cybercrime and the Threat of Weapons of Mass Destruction," Year of the Dog, Year of the X, Munich, Germany. (April 18, 2018).

2016

2. Kilger, M., "The Faces Behind Digital Crime and Cyberterrorism," National Science Writers Conference, National Science Writers Association, San Antonio, TX. (October 30, 2016).

2013

1. Kilger, M. (Author & Presenter), "The future of emerging cyberthreats and the potential effects on commerece and national security," Congreso Seguridad en Computo, UNAM university and UNAM CERT, Mexico City, Mexico. (November 2013).

Lecture - Not Peer-Reviewed/Refereed

2021

9. Kilger, M., "The Value of Data," chapter meeting, American Statistical Association UTSA student chapter, utsa. (February 25, 2021).
8. Kilger, M., "Big Data," UTSA Top Scholar meeting, UTSA Top Scholar, UTSA. (January 28, 2021).

2019

7. Kilger, M., "Air Force Data Analytics Presentation," Data Analytics lecture, Air Force Manpower Command, Randolph Air Force Base San Antonio TX. (April 10, 2019).
6. Kilger, M., "Motivations of Malicious Online Actors," United Nations Southeast

Asia Regional Exercise on Cyber Threat Intelligence Collaboration for Joint Cybercrime and Counter Terrorism Response, United Nations, Bali, Indonesian. (March 5, 2019).

5. Kilger, M., "Psychological, Behavioral and Structural Components Involved in the Instigation of Malicious Online Acts," United States Secret Service Cyber Conference, United States Secret Service, UTSA. (June 28, 2019).

2017

4. Kilger, M., "Potential Motivations That Prompt Entities to Perform Cyber Operations," South Central NSA/DHS National Center of Academic Excellence (CAE) Regional Resource Center (CRRC), San Antonio College. (April 12, 2017). (Completed)

2016

3. Kilger, M., "Homeland Security and Multidisciplinary Approaches – Get Involved!," UTSA DHS Scholars Lecture Series, university of texas at san antonio, UTSA. (October 25, 2016).

2011

2. Kilger, M. (Author & Presenter), "Big data; Leveraging new analytical strategies," Big Data Workshop, Advertising Research Foundation, New York, New York. (October 2011).

2002

1. Kilger, M. (Author & Presenter), "undisclosed," private conference near Ft Meade, MD, National Security Agency, Ft Meade, MD. (2002).

Oral Presentation - Not Peer-Reviewed/Refereed

2019

4. Kilger, M., "UTSA MSDA program," Darmstadt Delegation visit, UTSA, UTSA. (February 25, 2019).
3. Kilger, M., "CTSP IC CAE Program," UTSA Research External Advisory Council Meeting (REAC) - Parking instructio, UTSA, UTSA. (April 22, 2019).
2. Kilger, M., "Presentation of UTSA MSDA and CTSP programs," Visit by General O'Brien 25th AF commander, UTSA, UTSA. (February 25, 2019).

2014

1. Kilger, M. (Author & Presenter), "Personal privacy attitudes," Direct Marketing Association Email Evolution Conference, Direct Marketing Association, Miami, FL. (February 12, 2014).

Panel Member - Not Peer-Reviewed/Refereed

2002

1. Kilger, M. (Panelist), "Panel Discussion," Defending Against Information

Warfare Conference, Strategic Research Institute, Arlington, VA. (March 2002).

Panel member - Not Peer-Reviewed/Refereed

2023

1. Kilger, M., "Panel on sharing successful tactics for legacy IC CAE programs," 2023 IC Centers for Academic Excellence (IC CAE) annual PI Development Summit, Office of the Director of National Intelligence, Orlando, Florida. (January 26, 2023). (Accepted)

Panelist - Not Peer-Reviewed/Refereed

2020

1. Kilger, M. (Panelist), "Next Decade of InfoSec and Beyond," PacSec 2020, secwest.net, virtual -normally held in Japan. (November 7, 2020).

Paper - Not Peer-Reviewed/Refereed

2015

2. Kilger, M. (Author & Presenter), "Anticipating the Nature and Likelihood of a Cyberterror Community," Critical Infrastructure Protection Conference 2015, Department of Defense, Strategic Studies Group, Army War College, CCNY, New York City, New York. (September 13, 2015).

2011

1. Kilger, M. (Author & Presenter), "Rise of the Civilian Cyber Warrior," Critical Infrastructure Protection Conference 2011, Department of Defense, Strategic Studies Group, Army War College, New York, New York. (June 8, 2011).

Round Table discussion - Not Peer-Reviewed/Refereed

2019

3. Kilger, M. (Panelist), (Panelist), (Panelist), & (Panelist), "Discussion of cyberterrorism and US National Security Policy," US Department of State. (January 24, 2019). (Completed)

2018

2. Kilger, M. (Panelist), "Discussion of cyberterrorism and US National Security Policy," US Department of State. (January 25, 2018).

2017

1. Kilger, M., & Dietrich, G. B., "Discussion of cyberterrorism and US National Security Policy," US Department of State. (January 26, 2017).

member of panel - Not Peer-Reviewed/Refereed

2015

1. Kilger, M. (Panelist), Ahearne, M., Davied, D., Swaminathan, V., & Jaworski, B., "The Pursuit of Relevant, Meaningful Firm-Focused Research," American Marketing Association Winter Educator's Conference, American Marketing Association, San Antonio, TX. (February 13, 2015).

TEACHING

Teaching Interests

Statistics, research methodology, human aspects of cyber security, nature of cyberterrorism

Courses Taught

Graduate

MS5003

MS5023

Undergraduate

MKT 3083

Directed Student Learning

Dissertation Committee Member, "Investigating the Human Aspects That Influence End User Email Phishing Avoidance Behavior." Completed, (December 9, 2019).

Advised: Robert Sandoval

Dissertation Committee Member. In-Process, (July 30, 2017 - April 24, 2019).

Advised: Jordan Nielson

Master's Non-Thesis Committee Member, "Data Science framework for detecting fraud and money laundering: A case study on publicly available financial statements."

Completed, (June 1, 2018).

Advised: Bronson Duhart

Academic Advising

2022 - Present Advised 1 Graduate Students

2022 Advised 1 Graduate Students

2019 Advised 1 Graduate Students

- 2018 Advised, 1 Undergraduate Students
- 2015 - 2017 Advised, 1 Undergraduate Students

Other Instructional Activities

- 2020 - Present Commitment to synchronous learning during the pandemic, UTSA COB, I committed to continuing to deliver all my classes in academic year 202-2021 in live synchronous format (including recording them for students who could not attend) during the pandemic so that students would have the opportunity to ask questions and explore topics that might not have been on the main agenda for the lecture. I am continuing that commitment as long as the pandemic forces us into a virtual teaching environment.
- 2021 Curriculum Development, UTSA COB, Development of a fundamental statistics workshop for incoming msda students to take prior to their first semester at UTSA. Part of a whole bootcamp initiative that I along with Ashwin Malshe and Rita Mitra led to develop an entire bootcamp for incoming msda students in statistics, R, Python and SAS. Bootcamp launched 8/9/2021.
- 2019 Workshop, UTSA, IC CAE program, DIA,, Organized and ran colloquium "Analytics and the Cyber Domain" for CTSP and interested students. Speakers from JIOWC, Army Planning Center, Army Strategy, Alteryx, Va Hospital, UT Health Science. A chance for students and UTSA faculty to hear from data analytics practitioners. A
- 2019 Technology Development for Curriculum/Course, EMBA Program, Development of online components to MS5003 and MS5023 for use in the EMBA program as requested by the director of the program.
- 2019 Field trip to washington dc for ctsp students to visit IC agencies - "Spookapalooza", UTSA, Visits to NSA, DIA, NGA, Andrews AF Base, Congressman Will Hurds Office to have students meet with IC analysts and recruiters to provide them with valuable information about the career as well as contacts within the agencies.
- 2018 Management/Executive Development, UTSA, Conduct one day Big Data workshop for UTSA CPE Executive Education Leadership Course
- 2018 Management/Executive Development, Chase, Conduct one day workshop "Understanding the Basics of Data Analytics" for UTSA CPE Executive Education at Chase
- 2018 Management/Executive Development, USAA, One day workshop Data

- Analytics Bootcamp for USAA employees
- 2018 Management/Executive Development, USAA, One day workshop Data Analytics Bootcamp for USAA employees
- 2018 Management/Executive Development, USAA, One day workshop Data Analytics Bootcamp for USAA employees
- 2018 Management/Executive Development, USAA, One day workshop Data Analytics Bootcamp for USAA employees
- 2015 Workshop, TSERI, Teach some of the interns at the TSERI program the SAS statistical package so that they can begin to analyze data for some of the projects that TSERI is carrying out.

SERVICE

Department Service

- 2021 - 2022 Committee Member, FTT search committee, UTSA. Help review applications for FTT positions in the Marketing Department as a member of the search committee.

College Service

- 2019 - Present Committee Member, MSDA program committee, utsa. Provide input and advice for the msda program curriculum. Help evaluate the success of the program.
- 2015 - Present Committee Member, Program Committee, UTSA. Participate in improving the EMBA program content and courses
- 2015 - Present Committee Member, Admissions Committee, UTSA EMBA Program. Review, interview and vote on candidates for Executive Masters in Business Administration program.
- 2021 Committee Member, VDI ad hoc committee, utsa. Assist the COB in adopting the new VDI computer platform
- 2016 - 2019 Committee Chair, Admissions Committee MSDA program. Lead admissions committee in selecting students for the MSDA program.
- 2015 - 2019 Faculty Advisor, Graduate Advisor of Record, UTSA MSDA Program. GAR for MSDA program. Advise students, evaluate for scholarships

and stipend awards, guide curriculum.

2015 - 2019 Graduate Advisor of Record, Masters in Data Analytics Program, UTSA. Advise graduate students in the MSDA program and approve various aspects or deviations in student coursework.

University Service

2022 - Present Committee Member, School of Data Science Search Committee for of Director of Workforce Development / Professor of Instruction, School of Data Science. Participate in a national search for the right candidate for this position.

2021 - Present Committee Member, Draper Stewardship Council, UTSA. Help guide the development and deployment of the \$1 million Draper Data Science Business Plan competition scheduled for Spring 2022.

2021 - Present Committee Member, UTSA Draper Data Analytics Competition Committee, UTSA. Assist in planning the 2021-2022 UTSA Draper data analytics competition with the assistance of the \$1 million grant from Tim Draper.

2019 - Present Committee Member, EMBA committee, UTSA. Serve on EMBA committee to provide advice and counsel in improving EMBA program.

2018 - Present Committee Member, NSCC/NSA Quarterly meeting MSDA representative, UTSA/NSA. Represent the MSDA program to NSA for their quarterly update with UTSA at the NSCC. Describe MSDA research and student activities as well as curriculum improvements. Encourage NSA recruitment of MSDA/CTSP students.

2022 Special Institutional Assignment, UTSA Top Scholar Program, UTSA. Interview and evaluate student for UTSA Top Scholar program

2019 - 2021 Committee Member, SDS Search Committee, UTSA. Member of search committee looking for director and strategic data strategist for school of data science.

2021 Committee Chair, DoD Hoover Institution Conference invitation proposal, UTSA / DoD / Stanford Hoover Institution. Organize faculty members and members of the NSCC as well as write invitation proposal to DoD / Stanford Hoover Institution conference.

2021 Special Institutional Assignment, Review of DIA CIO, UTSA. Here was the task as handed off to us by Oakridge National Laboratories

ORAU is working with the Defense Intelligence Agency (DIA) Chief Informaon Office (CIO) to support the agency’s CIO modernizaon. Aached to this email is the newly released CIO Strategy for 2021-2025. The document provides four overarching goals that, when implemented, will fully support the DIA-CIO’s vision to be the Defense Intelligence Enterprise’s preferred Informaon and Communicaons Technology provider. The DIA-CIO specifically requested that ORAU engage its member uniersies in reviewing the strategy document to determine if there are any gaps in the content that may have been missed or should be considered. For purposes of this inial request, please focus your review on the long-term strategy and less on implementaon. For example, in Goal 4: Equip our Workforce, consider the makeup of the future workforce – which tradional jobs may go away and what new ones will be needed, including the opmal culture for diversity and inclusion. Please summarize your university’s input into no more than a one-page write up. You can structure your responses focused on a single goal or muple goals, and there is no set format that needs to be followed. Your feedback will be incorporated into a summary document that will be sent to CIO on January 25; therefore, the due date of January 23 is crical. Your input will also be factored into the annual connuous strategic management process as the foundaon for the DIA CIO Strategy for 2022-2026. We ancipate that this first step to engage our member uniersies will result in new oportunities with the DIA-CIO. Addionally, the DIA-CIO will conduct a Virtual Townhall on February 16, 2021 at 9:00 a.m. EST to provide an overview of the current CIO strategy and to answer any quesons. The link to the event can be found here.

- 2019 Committee Member, AI Conference Program Committee Member, UTSA. Help plan and implement UTSA AI Conference. Serve as Poster Judge for student poster competition.

- 2017 Workshop Organizer, Key Organizer Big Data Conference, UTSA. Help organize and run UTSA’s third Big Data conference. Contact speakers, assist with designing agenda, act as conference MC. Negotiate waiving speaker fee for New York Times best selling author.

- 2016 Committee Member, RIEAG Committee, UTSA. Make recommendations for the future of research computing at UTSA for the next 5-10 years in the areas of Big Data, Training and Visualization

- 2016 Workshop Organizer, Key Organizer Information Security Conference, The Honeynet Project. The Honeynet Project annual workshop brings 40-50 information security experts in from around the world to share their latest research as well as provide training workshops to faculty, students and the public

- 2016 Committee Member, Program Committee - 2016 Texas Fresh Air Conference, UT System. Provide assistance in organizing the recruiting of UT faculty and industry leaders to speak at the conference

- 2015 - 2016 Faculty Mentor, TSERI, UTSA. Provide advice and counsel to TSERI in terms of big data platforms and analytics

- 2015 Workshop Organizer, Key Organizer Big Data Conference, UTSA. Help organize and run UTSA's first Big Data conference. Contact speakers, assist with designing agenda, act as conference MC. Negotiate waiving speaker fee for New York Times best selling author.

Professional Service

- 2022 - Present Co-Director for Intelligence, Analytica for Intelligence and Security Studies, Torino. Work with my co-director in supervising and training new security and intelligence analysts

- 2022 - Present Scientific Board Member, Analytica for Intelligence and Security Studies, Torino. Advise this non-profit Italian think tank on topics and research that is suggested to be pursued.

- 2017 - Present Member of Scientific Board, Luiss Guido Carli University Interdisciplinary Cyber Security Program, Rome. Invited and accepted to the scientific board of the new Interdisciplinary Masters program in Cyber Security at Luiss Guido Carli University

- 2016 - Present Senior Instructor, NATO Defence Against Terrorism Center of Excellence, Ankara. Instructor for NATO Counterterrorism courses focusing on cyberspace. Help teach the week long course in Ankara Turkey several times a year to senior and flag officers from NATO countries as well as participating non-member countries.

- 2022 Program Organizer, Office of the Director of National Intelligence, UTSA San Antonio, Texas. This was a post grant site visit by ODNI. The objective was to promote UTSA's IC CAE program accomplishments during the three years of the grant.

- 2021 Committee Member, International Congress on Security for Intelligence and Security, Ankara. Provide guidance and evaluation on submissions to the International Congress on Security presented by the Gendarmerie and Coast Guard Academy of Turkey. This organization is responsible for civil order, borders and counterterrorism enforcement in Turkey.

- 2021 Reviewer, Defense Intelligence Agency 2025 Strategic CIO Plan, Defense Intelligence Agency / Oakridge National Laboratories,

- Oakridge, Tennessee. Provide comment and review of the Defense Intelligence Agency's 2025 CIO Strategic Plan
- 2020 Reviewer, Journal Article, NATO Center of Excellence - Defence Against Terrorism, Ankara. Review submitted journal articles for Journal Defence Against Terrorism Review published by NATO.
- 2020 Reviewer for new Master Program in Cyber Security Management, King Abdulaziz University, Jeddah. Serve as one of the reviewers for their new Master in Cyber Security Management program.
- 2017 Conference Coordinator, Organizer, The Honeynet Project, Canberra, ACT. Work with other members of the organization coordinating and running the 2017 Honeynet Project Workshop and Conference in Canberra, Australi
- 2016 Reviewer, Journal Article, International Journal of Offender Therapy and Comparative Criminology. Review article entitled "Assessing the Macro-Level Correlates of Malware Infections Using a Routine Activities Framework" for International Journal of Offender Therapy and Comparative Criminology

Public Service

- 2016 - Present Board Member, The Honeynet Project, Virtual Global Organization. Help found and still help run this not for profit international information security organization working for the public good. Current board member, current membership chair.
- 2009 - Present Committee Member, The Honeynet Project, Virtual Global Organization. Member of the annual workshop committee that organizes and runs the annual workshop somewhere in the world each year.
- 2016 Committee Member, UTSA IT Task Force Committee, san antonio, TX. Survey UTSA faculty on hardware and software research computer needs and analyze the data.
- 2000 - 2016 Committee Chair, The Honeynet Project, Virtual Global Organization. Chief membership officer for the organization. Responsible for recruitment and vetting of new members, resolving issues among members.
- 2002 - 2003 Committee Member, National Academy of Engineering Counterterrorism Committee, Washington, D.C. Appointment recommend by Executive Office of the President staff. Work with other experts to define terrorist threats and vulnerabilities that threaten

the safety and national security of the United States.

Consulting

2019 - Present For Profit Organization, Picnic Corporation, Chevy Chase, MD

Awards, Honors, and Biographical Listings

2019 2019 Patrick J. Clynes Endowed College of Business Excellence in Service Award, UTSA College of Business

2019 President's Distinguished Achievement Award for University Service, UTSA Office of the President

2017 UTSA College of Business NTT Teaching Excellence Award, UTSA College of Business

Media Contributions

2023 KSAT

2023 KENS 5

2022 The San Antonio Express-News

2022 WOAI radio

2022 Own Your Career - Rod Colon Online Radio

2022 News 4 Fox 29

2022 KENS 5

2022 SA Express News

2022 WOAI

2022 KOAI

2021 Popular Mechanics

2020 KENS

2020 DEFCAMP website

2020	KENS CBS tv station
2019	NBC 4 San Antonio
2019	KSAT
2018	Cyberwire
2018	Cyberscoop
2018	mic.com
2018	Science Magazine
2018	mic.com
2018	Texas Public Radio
2018	Paisano UTSA Student Newspaper
2018	Paisano
2018	News 4 San Antonio
2018	Fort Worth Telegram
2018	Consumers Digest
2018	SC Magazine
2017	KSAT
2017	UTSA website
2017	Texas Public Radio
2017	NBC News 4
2017	Quartz online magazine
2016	PBS Newshour
2016	WOAI
2016	Univision

2016	PBS Newshour
2016	KENS (CBS)
2016	Crains
2016	Time Warner Cable News
2016	Texas Public Radio
2015	Politico
2015	WOAI

Government, Industry, Military and Professional Positions

1998 - 2015	Chief Behavioral Scientist, Experian Marketing Services
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Faculty Development Activities Attended

2020 - Present	Conference Attendance, ODNI IC CAE Program annual conference, Office of the Director of National Intelligence, boca raton, FLORIDA
2019	Conference Attendance, Defense Intelligence Agency Center of Academic Excellence Summit, Defense Intelligence Agency, El Paso, Texas

External Connections and Partnerships

2020	UT Health Science, San Antonio, Texas
2019	Captial Group, San Antonio, TX
2019	UIW, San Antonio, TX
2019	University of Texas at San Antonio, san antonio, Texas
2018	USAA, San Antonio, TX
2016	USAA, San Antonio, Texas
2016	Texas A & M University, College Station, Texas

2015

USAA, San Antonio, Texas