Dr. Michael R. Ryan

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Education and Post Graduate Training

BA, Thomas Edison State College.
Major: Psychology

EMTM (Executive Masters in Technology Management), Wesley J. Howe School of Technology Management, Stevens Institute of Technology, 2004.
Major: Technology Management

Ph D, Stevens Institute of Technology, 2008.
Major: Technology Management/Organizational Behavior
Dissertation Title: Ambassadorial Leadership Behavior: A Research Study on Influencing Virtual Team Performance

Teaching Waiver, Texas Tech University, 2021.

Academic and Professional Experience

Adjunct Professor, Texas Tech University (June 2023 – present).

Professor of Practice, Texas Tech University. (September 2022 - 2023).

Associate Professor of Practice, Texas Tech University. (October 2013 - August 2022).

Assistant Professor of Practice, Texas Tech Universtiy. (August 2008 - October 2013).

Adjunct Professor, Stevens Institute of Technology. (August 2006 - August 2008).

TEACHING

Courses Taught

Texas Tech University

3305, Organization and Management, 1 course.
BA 3305, Organization Management, 19 courses.
BA 7000, Research: Team Development and Leadership, 2 courses.
HOM 5308, Healthcare Operations Management and Quality, 2 courses.
IS 5031, Internship in Interdisciplinary Studies, 1 course.
MGT 3370, Organization/Management, 2 courses.
MGT 3376, Organizational Behavior, 4 courses.
MGT 4373, Leadership Ethics, 16 courses.
MGT 4383, Special Topics in Management: Applied Entrepreneurship, 1 course.
MGT 4389, Team Leadership, 30 courses.

MGT 5371, Managing Organizational Behavior and Organizational Design, 10 courses.
MGT 5372, Leadership and Ethics, 32 courses.
MGT 5378, Leading and Managing the Effective Family Business, 1 course.
MGT 5379, Applied Entrepreneurship, 1 course.

Non-Credit Instruction

Workshop, Innovation hub, 40 participants. (January 2022 - Present).

Guest Lecture, TTUHSC, 35 participants. (April 15, 2022).

Workshop, Innovation Hub, 40 participants. (January 1, 2019 - December 31, 2021).

Workshop, Innovation Hub, 40 participants. (January 1, 2019 - December 31, 2021).

Management/Executive Development, Texas Women in Business, 10 participants. (November 3, 2019).

Workshop, Innovation Hub/NSF, 20 participants. (October 2, 2019).

Workshop, Innovation Hub, 40 participants. (January 1, 2018 - December 31, 2018).

Workshop, Innovation Hub, 40 participants. (January 1, 2018 - December 31, 2018).

Workshop, Association for Fundraising Professional, 40 participants. (August 9, 2018).

Workshop, Volunteer Center of Lubbock, 15 participants. (April 17, 2018).

Directed Student Learning

Ramy Hindiyeh, Dissertation Committee Member, "Uncovering Trends in Team Performance Measurement through Meta-Analysis," Industrial, Manufacturing, and Systems Engineering. (September 12, 2019 - December 2022).

Cory Powell, Master's Non-Thesis Committee Member, "My Interdisciplinary Journey," Interdisciplinary. (February 2021 - May 2021).

Cara Wessels-Wells, Other, "Promoting gestation by determining viability of embryos," Other (Within Texas Tech University). (May 2018 - May 2020).

Ross Fleming, Master's Non-Thesis Committee Member, "Military Leadership," Interdisciplinary. (September 18, 2019 - December 14, 2019).

Erika Haeussler-Warnick, Dissertation Committee Member, "College and University Recruiting of “Employees Who Study” With Access to Employer Tuition Assistance Benefits Programs: A Qualitative Inquiry," Other (Within Texas Tech University). (November 2011 - October 2, 2013).

Kenneth Mias, Dissertation Committee Member, "The Relationship between Servant Leadership and Organizational Effectiveness using the Competing Values Framework," Other (Outside Texas Tech University). (August 1, 2008 - December 7, 2009).

Teaching Awards and Honors

Faculty C-Startup Program, Innovation Hub at Research Park. (May 18, 2018).

RESEARCH

Published Intellectual Contributions

Book, Chapter in Scholarly Book-New

Mitchell, R., Mitchell, J. Robert, Zachary, M., Ryan, M. Simulating socially-situated cognition in exchange creation. In J. Robert Mitchell, Ronald K. Mitchell, & Brandon Randolph-Seng (Eds.) (Ed.), *HANDBOOK OF ENTREPRENEURIAL COGNITION*. London: Edward Elgar.

Ryan, M. (2010). Managing Virtual Teams – Leadership. In R. Ubell (Ed.), *Virtual Teamwork*. Hoboken, N.J/John Wiley & Sons: Virtual Teamwork.

Conference Proceeding

Ryan, M. (2011). *Ambassadorial Leader Behavior and its Relationship with Virtual Team Performance*. Kauai, HI: Hawaii International Conference on System Sciences.

Journal Article, Academic Journal

Ryan, M., Ryan, S. (2016). A Pedagogy for Ethical Decision Making. *European Journal of Management Studies, 21*(1), 25 - 47.

Presentations Given

Ryan, M., HBCU Entrepreneurship Conference, "Innovative Approaches to Building Sustainable University Entrepreneurship Ecosystems," Bowie State University, Virtual. (October 6, 2022).

Ryan, M. (Panelist), Deshpande Symposium, "Innovative Curriculum and Program Initiatives: Focusing on Economic Development," Deshpande Foundation and the University of Massachusetts Lowell, Cleveland, OH. (June 15, 2022).

Gramm, K., Ryan, M., Marin Melo, A., Fish, M., GCEC, The Global Consortium of Entrepreneurship Centers, "Panel: Texas Tech and STEM MBA Integrative Project," Loyola University Maryland and the University of Baltimore, Baltimore. (October 14, 2021).

Ryan, M. R., Mitchell, R., Marin Melo, A., Bella, C., Elder, R., OPEN 2021 Venture Well, "Unlocking the Patent Pantry: The Triple Promise of Technology Transfer: The Students, The Inventor, and The Institution," Venture Well, Online. (March 17, 2021).

Ryan, M. R. (Presenter & Author), Ryan, S. L. (Other), 2019 Regional Engaged Scholarship Symposium, "Student Empowerment and Engagement," TTU Outreach and Engagement, Texas Tech. (April 10, 2019).

Ryan, M. (Presenter & Author), Gramm, K. (Presenter & Author), Open 2018 Conference, "Innovation Hub at Research Park: Stirring the Pot," VentureWell, Austin. (March 23, 2018).

Ryan, M., Chamber University, "Ethics and Business:Whose Responsibility?," Lubbock Chamber of Commerce, Rawls College. (March 7, 2013).

Ryan, M., Program for Semiconductor Product Engineering, "Ethics and Leadership – Engineering," Whitacre College of Engineering, Electrical Engineering Department, Texas Tech. (December 2, 2010).

Gardner, W. (Presenter & Author), Ryan, M. (Presenter & Author), Texas Tech Health Education Series, "Ethics – Theory and Practice," Texas Tech University Health Science Center, TTUHSC. (November 2010).

Ryan, M., Lubbock Chamber Business Development Committee, "Ethics: What role does it play in business?," Lubbock Chamber of Commerce, Lubbock, TX. (October 20, 2010).

Contracts, Grants and Sponsored Research

Awarded

Park, O.-H. (Lead Principal Investigator), Moustaid-Moussa, N. (Principal Investigator), Thompson, L. (Principal Investigator), McMurrey, D. (Supporting), Ryan, M. (Principal Investigator), "ORI Sorghum: Opportunities as a Sustainable Crop for Human Consumption in the U.S.," Sponsored by United Sorghum Checkoff Program, Industry/For Profit, $150,000.00. (September 1, 2021 - August 31, 2023).

Ryan, M. (Lead Principal Investigator), Marin Melo, A. (Principal Investigator), "STEM-MBA Integrative Project," Sponsored by Venture Well, College or University, $30,000.00. (February 1, 2020 - August 31, 2023).

Ryan, M. (Principal Investigator), Gramm, K. (Lead Principal Investigator), Dallas, T. (Principal Investigator), Frias, K. (Principal Investigator), "Texas Tech University I-Corps Site for Innovation and Entrepreneurship," Sponsored by National Science Foundation, Federal, $254,998.00. (January 2019 - March 2023).

Ewing, B. (Principal Investigator), Gramm, K. (Lead Principal Investigator), Ryan, M. (Lead Principal Investigator), "Hub Fuel, A Seed Fund for Agriculture Technology (Ag-Tech) Startups," Sponsored by DOC Economic Development Administration, Federal, $649,000.00. (January 1, 2019 - December 31, 2022).

Galyean, S. (Lead Principal Investigator), Childress, A. (Principal Investigator), Alcorn, M. (Principal Investigator), Ryan, M. (Principal Investigator), "eCulinary Medicine - Using AI for Personalized Nutritional Disease Management ," Sponsored by NSF, Federal, $50,000.00. (April 1, 2022 - Present).

Qiu, J. (Lead Principal Investigator), Ryan, M. (Principal Investigator), Sponsored by National Science Foundation, Federal, $50,000.00.

Mitchell, R. (Lead Principal Investigator), Ryan, M. (Principal Investigator), Marin Melo, A. (Principal Investigator), Parvatiyar, A. (Supporting), Villegas Pizarro, D. (Supporting), Fish, M. (Supporting), "VentureWell Faculty Grant," Sponsored by VentureWell, Other Nonprofit Org, $35,000.00. (September 2019 - Present).

Research and Scholarly Works Awards and Honors

Service Learning Scholar, TLPDC. (September 24, 2018).

Research in Progress

"Sorghum Research Development" (On-Going). (2020).
Develop program to seek grant with the United Sorghum Checkoff Program

SERVICE

University Service

Committee Member, American Association of University Professors. (January 1, 2022 - Present).

Executive Director, Center for Family Business and Entrepreneurship. (January 2022 - Present).

Executive Director, Institute for Leadership Research. (January 2021 - Present).

Lead Instructor, Regional I-Corps. (January 2021 - Present).

Faculty Advisor, SLING Health. (April 2020 - Present).

Faculty Mentor, Cross Campus Innovation Initiatives. (January 2020 - Present).

Ambassador, Innovation Hub Faculty Ambassador. (January 2020 - Present).

Contributor to Entrepreneurial efforts, TTUHSC. (January 2020 - Present).

Pitchbook Support. (January 2019 - Present).

Various, Innovation Hub. (January 1, 2018 - Present).

Executive Director, Center for Family Business and Entrepreneurship. (January 2021 - December 2021).

Committee Member, American Association of University Professors. (March 1, 2019 - December 2021).

Lead Instructor, Regional I-Corps. (January 2020 - December 2020).

Committee Chair, Texas Tech Ethics Symposium Committee – University. (January 2018 - December 2020).

Executive Director, Center for Family Business and Entrepreneurship. (August 2008 - December 2020).

Executive Director, Institute for Leadership Research. (August 2008 - December 2020).

Committee Member, ORC Assessment Committee. (June 2020).

Ambassador, Innovation Hub Faculty Ambassador. (June 2018 - December 2019).

Committee Member, Academic Senate - POP Status Sub-Committee. (2018 - May 2018).

College Service

Committee Member, Undergraduate Programs and Assessment Committee (UPAC). (September 2022 - Present).

Competition Adjudicator/Juror, BA 5322 Final Presentation Judge. (January 2021 - Present).

CATME Support. (January 2021 - Present).

Committee Member, STEM - Integrative Project. (June 1, 2019 - Present).

Faculty Advisor, Faculty Advisor Collegiate Entrepreneurs Organization. (January 2018 - Present).

Attendee, Meeting, Rawls Student Leaders. (January 2022 - December 2022).

Competition Adjudicator/Juror, 2022 Sales & Customer Relationship Strategy Competition. (May 10, 2022).

Competition Adjudicator/Juror, 2021 Sales & Customer Relationship Strategy Competition. (2021).

Faculty Mentor, Other Mentor Activities. (January 2018 - December 2018).

Committee Member, Student Engagement Task Force. (January 2018 - April 2018).

Department Service

Committee Chair, Curriculum. (August 2010 - January 2013).

Public Service

liaison, Lubbock Chamber of Commerce, Lubbock, TX. (January 2009 - Present).

Instructor, National/Super Regional I-Corps Programs. (January 2020 - December 2020).

Service/Performance Partnerships

Texas Tech University Innovation Hub at Research Park Entrepreneur-in-Residence. This position centers on supporting several Accelerator Teams in their quest for commercialization. This role includes serving as the lead mentor for the Accelerator Teams and supporting other programs offered through the Innovation Hub. (July 24 through present).

NSF Hub West I-Corps, Economic Engagement, Research and Creative Activity, The Hub West I-Corps program, hosted by the University of Southern California, delivers the ZAP and Boom programs, that like the Texas Tech Regional I-Corps, are designed to provide an introduction to the Business Model Canvas which is the prevailing approach supported by the National Science Foundation (NSF) for entrepreneurship and commercialization of research discoveries. The underlying focus of NSF is to ensure that supported discoveries are introduced to society. The I-Corps program provides a practical and cost-effective method for teams to translate research into commercialized products/services. Texas. (March 1, 2024 - Present).

2020 Sales & Customer Relationship Strategy Competition, Credit Courses and Programs, Economic Engagement, Engaged Research and Creative Activity, Experiential or Service Learning, Noncredit Classes and Programs, Public Programs, Events and Resources, Relationship Development, Sales Strategy Competition is a unique experiential learning program in which groups of students twork on projects for sponsoring companies and develop their sales and customer relationship strategies, Student teams compete for top scholarship awards to winning teams., Illinois. (February 3, 2020 - May 2020).

NSF Regional I-Corps, Economic Engagement, Research and Creative Activity, The regional I-Corps program is designed to provide an introduction to the Business Model Canvas which is the prevailing approach supported by the National Science Foundation (NSF) for entrepreneurship and commercialization of research discoveries. The underlying focus of NSF is to ensure that supported discoveries are introduced to society. The I-Corps program provides a practical and cost-effective method for teams to translate research into commercialized products/services., Texas. (September 1, 2018 - Present).

TTU Regional I-Corps & Innovation and Entrepreneurship Programs, Economic Engagement, Engaged Research and Creative Activity, Noncredit Classes and Programs, Program Development/Delivery/Evaluation, Public Programs, Events and Resources, Technical or Expert Assistance, Summary of activities focused on the Innovation and Entrepreneurship Eco-System within the West Texas Economic Region., Texas. (September 1, 2018 - Present).

UMC- HSC Leadership Development Program, Noncredit Classes and Programs, Create and deliver a leadership development program focused on a cohort of clinical professionals within the University Medical Center and the TTUHSC, Texas. (September 1, 2018 - August 2019).

Association for Talent Development, Public Programs, Events and Resources, Service on Boards, Committees, and Commissions, Professional Organization, Texas. (September 1, 2017 - August 2017).

Innovation and Entrepreneurship Programs, Economic Engagement, Public Programs, Events and Resources, Summary of activities focused on the Innovation and Entrepreneurship Eco-System within the West Texas Economic Region., Texas. (September 1, 2017 - August 2018).

NSF National I-Corps Program, Economic Engagement, Research and Creative Activity, The I-Corps program is designed to promote a translation from research discoveries to commercializable product. It provides a practical and cost effective approach that allows innovative discoveries to be explored for potential market viability., Oklahoma. (October 1, 2017 - December 2017).

NSF National I-Corps Program, Economic Engagement, Research and Creative Activity, The I-Corps program is designed to promote a translation from research discoveries to commercializable product. It provides a practical and cost effective approach that allows innovative discoveries to be explored for potential market viability., Oklahoma. (April 1, 2018 - June 2018).

NSF Regional I-Corps, Economic Engagement, Research and Creative Activity, The regional I-Corps program is designed to provide an introduction to the Business Model Canvas which is the prevailing approach supported by the National Science Foundation (NSF) for entrepreneurship and commercialization of research discoveries. The underlying focus of NSF is to ensure that supported discoveries are introduced to society. The I-Corps program provides a practical and cost-effective method for teams to translate research into commercialized products/services., Texas. (September 1, 2017 - October 2017).

NSF Regional I-Corps, Economic Engagement, Research and Creative Activity, The regional I-Corps program is designed to provide an introduction to the Business Model Canvas which is the prevailing approach supported by the National Science Foundation (NSF) for entrepreneurship and commercialization of research discoveries. The underlying focus of NSF is to ensure that supported discoveries are introduced to society. The I-Corps program provides a practical and cost-effective method for teams to translate research into commercialized products/services., Texas. (February 1, 2018 - April 2018).

UMC Leadership Development Program, Noncredit Classes and Programs, Create and deliver a leadership development program focused on a cohort of clinical professionals within the University Medical Center, Texas. (September 1, 2017 - May 2017).

UMC Leadership Development Program, Noncredit Classes and Programs, Create and deliver a leadership development program focused on a cohort of clinical professionals within the University Medical Center, Texas. (November 29, 2018 - May 2017).

Association for Talent Development, Public Programs, Events and Resources, Service on Boards, Committees, and Commissions, Professional Organization, Texas. (September 1, 2016 - August 2017).

Innovation and Entrepreneurship Programs, Economic Engagement, Public Programs, Events and Resources, Summary of activities focused on the Innovation and Entrepreneurship Eco-System within the West Texas Economic Region., Texas. (September 1, 2016 - August 2017).

Mandela Washington Fellows, Public Programs, Events and Resources, Technical or Expert Assistance, Peripheral support for the cohort of Mandela Washington Fellows in the area of Entrepreneurship., District of Columbia. (June 21, 2017 - July 2017).

UMC Leadership Development Program, Noncredit Classes and Programs, Create and deliver a leadership development program focused on a cohort of clinical professionals within the University Medical Center, Texas. (September 16, 2016 - May 2017).

Ethics Workshop - Volunteer Center of Lubbock, Technical or Expert Assistance, Discussion based workshop designed to explore developing an open culture in order to encourage staffs to discuss their values and examine moral dilemmas from a broader perspective., Texas. (May 21, 2015 - Present).

GENERAL

Consulting

Startup Commercialization - Accelerator Team (for profit), 3 CulinaryMed Docs, Lubbock. (August 2021 - Present).

For Profit Organization, Flemtec, International. (January 2020 - Present).

For Profit and Research Jointly with TTUHSC, 2TheEdge (Drone), Lubbock. (June 2021 - 2022).

For Profit Organization, B. Tiller - GISC, Lubbock. (January 2020 - 2022).

Startup Commercialization - Accelerator Team (for profit), StarKrug, Lubbock. (May 2021 - November 2022).

Startup Commercialization - Accelerator Team (for profit), QRS 3D, Lubbock. (June 2021 - May 2022).

I-Corps National Program, 3 CulinaryMed Docs, Lubbock. (March 1, 2022 - April 23, 2022).

Startup Commercialization - Accelerator Team (for profit), CIPDAR, Lubbock. (June 2021 - December 2021).

I-Corps National Program - Footprint, Footprint, Lubbock. (June 2020 - 2021).

For Profit Organization, IoT Animals, Lubbock. (June 2020 - 2021).

I-Corps National Program - Meta-Meter, Meta-Meter, Lubbock. (October 1, 2019 - 2021).

Startup Commercialization - Accelerator Team (for profit), Captivist, Lubbock. (May 2019 - December 2021).

Startup Commercialization - Accelerator Team (for profit), Criticoll, Lubbock. (May 2019 - December 2021).

I-Corps National Program - QRS 3D, QRS 3D, Lubbock. (October 1, 2019 - 2020).

Startup Commercialization - Accelerator Team (for profit), Diabrawlical, Lubbock. (May 2019 - December 2020).

Startup Commercialization - Accelerator Team (for profit), EmGenisys, Lubbock. (May 2019 - 2020).

Startup Commercialization - Accelerator Team (for profit), Envirostatus, Lubbock. (May 2019 - December 2020).

Startup Commercialization - Accelerator Team (for profit), Little Luminary, Lubbock. (May 2019 - 2020).

For Profit Organization, Flemtec, New Zealand. (January 1, 2019 - 2020).

For Profit Organization, In/Out Capsule, Lubbock. (June 22, 2018 - 2020).

Startup Commercialization - Accelerator Team (for profit), BaoNano, Lubbock. (May 2018 - 2020).

Startup Commercialization - Accelerator Team (for profit), Embryotics, Lubbock. (May 2018 - December 2020).

Startup Commercialization - Accelerator Team (for profit), Nemalife, Lubbock. (May 2018 - December 2020).

For Profit Organization, Tyler Technologies, Lubbock. (July 24, 2019).

Startup Commercialization - Accelerator Team (for profit), C-Safe, Lubbock. (May 2017 - 2018).

For Profit Organization, Electrogen HydroFuels, Inc., Lubbock, TX. (September 2013 - December 31, 2018).

For Profit Organization, E2Amm, Lubbock. (January 1, 2018 - October 9, 2018).

Startup Commercialization - Accelerator Team (for profit), Flow Raider, Lubbock. (May 2017 - May 2018).

Non-Governmental Organization (NGO), Lubbock Chamber of Commerce, Lubbock, TX. (January 23, 2013 - April 15, 2013).

For Profit Organization, Tyler Technologies, Lubbock, TX. (June 7, 2012 - January 30, 2013).

For Profit Organization, Turbo Trac, Frisco, TX. (October 2008 - December 2012).

Non-Governmental Organization (NGO), Lubbock Chamber of Commerce, Lubbock, TX. (June 26, 2012 - August 30, 2012).

Academic, Texas Tech Health Education System, Lubbock, TX. (October 2010 - November 2010).

Professional Memberships

At Large Board Member, American Association of University Professors - TTU Chapter. (January 2022 - Present).

Vice President, American Association of University Professors. (September 2020 - 2021).

V.P. Programming; Board member, Association for Talent Development. (January 1, 2018 - December 31, 2018).

Development Activities Attended

Faculty Fellowship, "Ethics in Teaching & Learning," TLPDC-TTU Division of Diversity, Lubbock, TX. (September 1, 2022 - Present).

Faculty Fellowship, "Institute of Inclusive Excellence," TLPDC-TTU Division of Diversity, Lubbock, TX. (September 13, 2019 - Present).

Self-Study Program, "Non-Tenure Writing Group," TLPDC, Lubbock, TX. (September 1, 2019 - Present).

Continuing Education Program, "iTTU Mentor Program," Innovation Hub, Lubbock, TX. (January 1, 2018 - Present).

Workshop, "TLPDC - Various," Texas Tech - TLPDC, Lubbock, TX. (January 2009 - Present).

Conference Attendance, "SBIR/STTR Spring Innovation Conference in Boston, MA," TechConnect, Boston, MA, USA. (June 16, 2019 - June 19, 2019).

Conference Attendance, "Spark Conference," Texas Tech University, Lubbock, TX. (April 1, 2019 - April 5, 2018).

Workshop, "TLPDC - Various," TLPDC, Lubbock, Texas. (January 1, 2018 - December 12, 2018).

Conference Attendance, "SW I-Corps Conference," NSF - SW I-Corps Node, Houston, TX. (October 25, 2018 - October 26, 2018).

Conference Attendance, "Academy of Management," Academy of Management, Chicago, IL. (August 10, 2018 - August 14, 2018).

Conference Attendance, "Spark Conference," Texas Tech University, Lubbock, TX. (April 23, 2018 - April 24, 2018).

Seminar, "Critical Thinking, Problem Solving, and Assessment," Rawls College, Lubbock, TX. (December 6, 2012 - December 7, 2012).

Workshop, "Service Learning Development Workshops," Texas Tech - TLPDC, Lubbock, TX. (January 21, 2012 - April 12, 2012).

Workshop, "Harvard’s “Participant Centered Learning” seminar," Rawls College, Lubbock, TX, USA. (March 2, 2012).

Continuing Education Program, "Comprehensive PLS Path Modeling," Virginia Commonwealth University, online. (April 11, 2011 - May 15, 2011).

Continuing Education Program, "The Experiential Classroom," Oklahoma State University, Tulsa, Oklahoma. (September 22, 2010 - September 26, 2010).