

Erin Sikkel Barry
erin.barry@usuhs.edu

CURRENT POSITION

Assistant Professor • Department of Anesthesiology (primary)
Assistant Professor • Department of Military & Emergency Medicine (secondary)
Assistant Professor • Department of Health Professions Education (secondary)
Uniformed Services University (USU), Bethesda, MD

EDUCATION

Nov 2024 **Maastricht University • Maastricht, Netherlands**
PhD in Health Professions Education, completed June 2024
Dissertation topic: Leadership and Followership within Healthcare Teams:
Exploring the roles and collaborative dynamics in interprofessional teams

2020 **Uniformed Services University of the Health Sciences • Bethesda, MD**
Advanced Foundations Certificate in Health Professions Education

2008 **University of Texas at Arlington • Arlington, TX**
Master of Science, Biomedical Engineering

2006 **Vanderbilt University • Nashville, TN**
Bachelor of Engineering, Biomedical Engineering Major, Mathematics Minor

ACADEMIC APPOINTMENTS

2024 – Present Term Lecturer, Mass General Brigham Institute of Health Professions (MGHIHP)
2022 – Present Assistant Professor, Health Professions Education (HPE)
2022 – Present Assistant Professor, Anesthesiology (ANE), USU
2021 – Present Assistant Professor, Military & Emergency Medicine (MEM), USU
2016 – 2021 Research Assistant Professor, MEM, USU

PROFESSIONAL POSITIONS AND EXPERIENCE

2022 – Present **Assistant Professor • Anesthesiology (ANE)**
USU • Bethesda, MD

- Conducts quantitative and qualitative leadership research on healthcare teams
- Creates curriculum for professional and leader development sessions
- Delivers instruction for School of Medicine (SOM), Graduate School of Nursing (GSN), and Graduate School (GEO) learners, faculty, and staff
- Collaborates w/local and national faculty at USU and at other institutions
- Provides leadership coaching to faculty, staff, and learners
- Develops and refine assessment instruments
- Collaborates with ANE team on Knowledge, Skills, Abilities (KSA) project
- Chairs Leadership working group, USU Long-Term Career Outcome Study (LTCOS)
- Mentors learners on capstone and research projects

2020 – 2022 **Course Developer & Instructor Support • Office of the Professor of Military Science (OPMS)**

USU/Infused Solutions/Angayut · Bethesda, MD

- Created curriculum for professional and leader development sessions
- Delivered instruction for SOM and GSN learners
- Trained faculty and staff in SOM and GSN
- Developed and refined assessment instruments for sessions
- Provided coaching to the SOM and GSN faculty, staff, and learners
- Conducted quantitative and qualitative leadership research
- Collaborated and networked w/scholars at USU and other institutions
- Chaired Leadership working group, USU LTCOS

2014 – 2020 **Research Associate · Leader and Leadership Education and Development (LEAD) Program · MEM**

USU/Henry M. Jackson Foundation (HJF) · Bethesda, MD

- Conducted research and development of concepts, activities, and evaluations
- Developed and delivered curriculum for LEAD sessions
- Created leader and leadership assessment instruments
- Assessed and analyzed learner leader performance
- Developed learner educational reports about leader performance
- Conducted quantitative and qualitative research
- Wrote grant proposals and scholarly manuscripts
- Managed data, budgets, and operations
- Chaired Leadership working group, USU LTCOS Group
- Collaborated and networked w/scholars at USU and at other institutions
- Co-mentored and supervised research for learners and staff

2015 – 2020 **Study Coordinator/Research Associate · Center for Rehabilitation Sciences Research**

Walter Reed National Military Medical Center/HJF · Bethesda, MD

- Managed a multidisciplinary PTSD intervention project
- Prepared grant proposal, IRB documentation, and budget

2013 – 2017 **Scientist · Consortium for Health and Military Performance (CHAMP)**

USU/HJF · Bethesda, MD

- Advised on study design and IRB/IACUC documentation
- Performed statistical analyses of integrated behavioral and biological measures

2012 – 2016 **Research Associate/Laboratory Manager · Medical and Clinical Psychology (MPS) and MEM Departments**

USU/HJF · Bethesda, MD

- Conducted and supervised research projects, educated and trained personnel, maintained equipment, assured safety compliance, and managed budget
- Performed statistical analyses; co-authored manuscripts, experimental protocols, and grant applications; disseminated findings

2010 – 2012 **Research Assistant · MPS Department**

USU/HJF · Bethesda, MD

- Conducted research projects, educated and trained personnel
- Performed statistical analyses; co-authored manuscripts, experimental protocols, and grant applications; disseminated findings

2009 **Clinical Coordinator • Clinical Department**
Storms Clinical Research Institute • Colorado Springs, CO

- Managed IRB protocols and supervised project budgets

2007 – 2009 **Research Assistant • Microarray Department**

Baylor Institute for Immunology Research • Dallas, TX

- Conducted and managed research projects, educated and trained personnel, maintained quality control
- Performed statistical analyses and presented experimental findings to collaborators and pharmaceutical companies

2006 – 2007 **Research Assistant • Neuroscience Department**

Center for BrainHealth • Dallas, TX

- Analyzed MRI scans of patients with and without Alzheimer’s disease

CERTIFICATIONS

- 2021 Leadership Coach Certificate • Kansas Leadership Center (KLC)
60 hrs of professional training and practice in leadership coaching competencies w/ feedback from Professional and Master Certified Coaches
- 2021 Diversity, Equity, and Inclusion in the Workplace • Muma College of Business at the University of South Florida (MCB USF)
- 2021 Innovative Leadership Facilitator • Innovative Leadership Institute
- 2022 Emotional Quotient Inventory (EQ-I 2.0) Certified Facilitator
- 2022 Demystifying Measurement • Rice University
- 2022 Inclusive & Ethical Leadership • MCB USF
- 2024 Allyship Faculty Development Certificate • USU

PROFESSIONAL MEMBERSHIPS

- 2017 – Present Member, AMSUS The Society of Federal Health Professionals
- 2018 – Present Member, International Leadership Association (ILA)
- 2018 – Present Member, Association of Medical Educators of Europe (AMEE)
- 2019 – 2023 Member, Association of Leadership Educators (ALE)
- 2021 – Present Member, International Association of Medical Science Educators (IAMSE)
- 2022 – Present Member, International Coaching Federation (ICF)

UNIFORMED SERVICES UNIVERSITY COMMITTEES AND ACTIVITIES

- 2012 – 2022 Member, Bushmaster Research Activity Group (BRAG)
- 2013 – 2017 Member, Consortium for Health and Military Performance (CHAMP)
- 2013 – 2017 Member, Human Performance and Resource Center (HPRC)
- 2013 – 2015 Executive Officer, USU Health, Safety, and Wellness Committee

2014 – 2022	Co-Chair, BRAG
2014 – 2022	Member, LEAD
2016 – 2021	Member, MEM Faculty Development Committee
2016 – Present	Member, Long-term career outcome study (LTCOS) team
2016 – Present	Chair, LTCOS Leadership study team
2017 – Present	Member, LTCOS Well-being study team
2018 – Present	Member, Team Leader Observer Controller (TLOC) Curriculum Development Working Group
2018 – 2021	Chair, sub-committee for Framework and Feedback TLOC Working Groups
2018 – Present	Member, LTCOS Gender, Diversity, and Culture study team
2018 – 2020	Member, MEM Education Committee
2018 – 2020	Member, Curriculum and Evaluation Committee, Program Evaluation subcommittee in Center for Health Professions Education (CHPE)
2018 – 2020	Member, Curriculum and Evaluation Committee, Curriculum mapping subcommittee in HPE
2019 – Present	Member, MEM Bushmaster Standards Setting Committee
2021 – Present	Member, Interprofessional Education within Leadership in Health Systems
2022 – Present	Member, ANE Faculty Development Committee
2022 – Present	Member, Faculty Senate Diversity & Inclusion Committee
2022 – Present	Member, ANE KSA working group
2023 – Present	Member, ANE Research Group
2023 – Present	Member, MEM Research Committee
2023 – Present	Member, HPE Admissions Committee
2024 – Present	Vice-Chair, ANE Faculty Development Committee
2024	Member, ANE Search Committee

OTHER PROFESSIONAL COMMITTEES AND ACTIVITIES

2014 – 2020	Member, Department of Defense Human Performance Optimization (HPO) Committee
2015 – Present	Member, Association of American Medical Colleges (AAMC) Southern Group on Educational Affairs (SGEA) Innovation and Leadership in Medical Education Special Interest Group
2016 – 2020	Member, Women in Combat (WIC) Working Group
2016 – 2020	Member, WIC leadership subgroup
2016 – 2021	Member, Women in Leadership, Presidential Leadership Scholars
2019 – 2022	Co-Chair, Healthcare Leadership community, ILA
2021 – 2022	Co-Chair, ILA Healthcare Leadership Conference Planning Committee (2 conferences planned as co-chair)
2021 – 2022	President, AAMC SGEA Innovation and Leadership in Medical Education Special Interest Group
2022 – 2023	Chair-Elect, ILA Healthcare Leadership Community
2022 – Present	Member, ILA Healthcare Leadership Conference Planning Committee
2023 – Present	Chair, ILA Healthcare Leadership Community
<u>Peer Reviewer Services</u>	
2018 – Present	International Journal of Leadership in Education

2019 – Present	International Leadership Association (ILA)
2020 – 2021	Group of Educational Affairs of the AAMC National Grant Program
2020 – Present	Cogent Psychology
2022 – Present	Teaching and Learning in Medicine
2022 – Present	Military Medicine
2023 – Present	Annals of Medicine
2024 – Present	Journal of Interprofessional Care
2024 – Present	BMJ Leader
2024 – Present	BMC Medical Education

EDUCATIONAL ACTIVITIES

School of Medicine

2013 – Present Instructor, Military Medicine 100/200 (MM100/MM200)
~170/class

- Create and deliver leadership sessions to medical students on the following topics: Assessment and Peer Feedback; Bad, Ineffective, Toxic Leaders and Followers; Coach-like Leadership; Communication Styles; Effective Team Building; Emotional Intelligence; Intro to Military Medical Leadership; Leader Philosophies; Leaders, Managers, Followers

2020 – Present Instructor, Exobiology course
~10/class

- Deliver 2, 3-hr sessions on Leadership and Followership; Effective Communication; Applied Officership and Professionalism

2020 – Present Instructor, Military, Medicine, and Space course
~10/class

- Deliver 2, 3-hr sessions on Leadership and Followership; Wellness; Shared Leadership; Going Rogue

2015 – Present Co-Course Developer, Faculty Leadership Training for field exercises
>100/year

- Create and deliver content for military field exercises (MFPs) to faculty and staff online and in-person
- Create courses for CME credit

Graduate School of Nursing

2024 – Present Course Director, Leadership and teamwork in the health professions: A military perspective (OPMS5000) – *OPMS5000, 5001, 5003 were combined into one course for the full year instead of 3 separate courses*
~70/course

2020 – 2023 Co-Course Director, Leadership and teamwork in the health professions: A military perspective I (OPMS5000)
~65/course

2020 – 2023 Co-Course Director, Leadership and teamwork in the health professions: A military perspective II (OPMS5001)
~65/course

2020 – 2024 Co-Course Director, Leadership and teamwork in the health professions:
A military perspective III (OPMS5002)
~65/course,

- Plan and coordinate course for GSN learners
- Created and deliver content on the following topics: Leader philosophy, emotional intelligence, inclusive leadership, and coach-like leadership, Antietam staff walk reflection, Communication, Leader identity and motivation, and Officership, Conflict, Trust, Moral Courage, Walter Reed Case Study, Roosevelt Case Study.
- Train cadre on topics and mentor them in teaching the material

2017 – 2018 Co-course developer, Principles and Science of Leadership
~4/course

- Created and delivered content for GSN learners on leadership and social psychology

2013 – 2020 Instructor, varied courses
~65/class

- Created and delivered content for GSN learners on leadership topics

Graduate Education Programs

GEO Leadership and Professional Development

2024 – Present Course Director, Leadership and teamwork in the Biomedical Sciences
and Public Health Professions (OPMS5003)
~10/course

2020 – 2024 Co-Course Director, Leadership and teamwork in the Biomedical Sciences
and Public Health Professions (OPMS5003)

- Plan and coordinate course for GEO learners
- Created and deliver content on the following topics: Leader Identity and Motivation, Emotional Intelligence, Inclusive Leadership, Communication Styles, Roosevelt Case Study, Adaptive Leadership and Communication, Intercultural Communication, Conflict, Trust, Moral Courage, Teamwork and Effective Following, Coach-like Leadership.
- Train cadre on topics and mentor them in teaching the material

2016 – 2018 Instructor, varied courses
~10/class

- Created and delivered content for GEO learners on leadership

Health Professions Education Program

2022 – Present Course Director, Leadership and Followership in Teams: A Social
Psychology Perspective (HPE610)
~3/course

- Plan and coordinate course for learners
- Created and deliver content on the following topics: Social Psychology, Social Perception and Cognition, Social Influence and Conformity, Interpersonal Relationship and Communication, Group Dynamics and Interpersonal Collaboration, and Diversity, Equity, and Inclusion in HPE

2023 – Present Co-Course Director, Online Learning (HPE506)
 ~20/course

- Plan and coordinate course for learners
- Created and deliver content

Neuroscience Program

2012 – 2017 Instructor, varied courses
 ~10/class

- Created and delivered content for GEO learners on animal models

USU Programs & Trainings

Sports Medicine Fellowship Program

2014 – Present Instructor, Sports Medicine Fellowship Program
 ~15/class,

- Create and deliver content on sports psychology and leadership

Faculty Leadership Training, Brigade

2019 – Present Instructor, Cadre Leadership program
 ~15/class

- Create and deliver content to cadre on leadership

Educations and Trainings outside USU

MGHIHP

2024 – Present Co-Course Director, Foundations of Educational Effectiveness (HE 713)
 20/course

- Plan and coordinate course for learners
- Deliver content to learners

2024 – Present Co-Course Direction, Educational Program Design, Implementation, and
 Evaluation (HE 715)
 ~20/course

- Plan and coordinate course for learners
- Deliver content to learners

Health Professions Scholarship Program (HPSP) Fundamentals of Military Medicine

2020 – Present Co-Course Developer, Psychological Well-being Module

2021 – Present Co-Course Developer, Military Medical Leadership Module

- Create and maintain content

Pendleton

2023 Co-Course Developer, Pendleton Leadership Day

- Plan and coordinate course for learners
- Deliver content to learners

Walter Reed Army Institute of Research (WRAIR)

- 2018 – 2022 Co-Course Developer, WRAIR Pre-Director Leadership Course,
~12/course
- Developed and delivered a multi-day course for individuals taking over Director positions within WRAIR on topics related to leadership

Tripler Army Medical Center (TAMC)

- 2022 Co-Course Developer, TAMC Leadership Day
~20/day
- Developed and delivered a one day course for individuals of all ranks and specialties within healthcare teams at TAMC on topics related to leadership

Fort Belvoir Community Hospital (FBCH)

- 2021 Co-Course Developer, Family Medicine Residency Faculty
~20/class
- Developed and delivered sessions for residents at FBCH on topics related to leadership

Civilian Logistics Career Management Officer (CLCMO)

- 2020 Co-Course Developer, CLCMO Leadership course
~20/class
- Developed and delivered a multi-day course for individuals of all ranks within CLCMO on topics related to leadership

National Air and Space Intel Center (NASIC)

- 2019 Co-Course Developer, NASIC Leadership Course
~40/course
- Developed and delivered a course for individuals of all ranks within NASIC on topics related to leadership

CURRICULUM DEVELOPMENT

De Novo Curriculum for Programs

School of Medicine

- 2013 – Present Instructor, Military Medicine 100/200 (MM100/MM200)
~170/class
- Develop objectives; create lectures; select pre-work; create small group discussion and activities; create assignments; grade assignments; develop feedback tool to collect information on utility of sessions; compile feedback from learners; coordinate panel discussions; serve as primary instructor
- 2015 – Present Co-Course Developer, Faculty Leadership Training for field exercises
>100/year
- Develop objectives; create lectures and videos; select pre-work; develop and maintain online site; create small group discussions/activities for in person; develop feedback tool to collect information on utility of sessions; compile feedback
 - Created the assessment card used at all four field exercises; Developed tools for data collection from faculty, staff, and learners

Graduate School of Nursing

- 2024 – Present Course Director, Leadership and teamwork in the health professions: A military perspective (OPMS5000) – *OPMS5000, 5001, 5003 were combined into one course for the full year instead of 3 separate courses*
~70/course
- 2020 – 2023 Co-Course Director, Leadership and teamwork in the health professions:
A military perspective I (OPMS5000)
~65/course
- 2020 – 2023 Co-Course Director, Leadership and teamwork in the health professions:
A military perspective II (OPMS5001)
~65/course
- 2020 – 2024 Co-Course Director, Leadership and teamwork in the health professions:
A military perspective III (OPMS5002)
- Develop objectives; create lectures; select pre-work; create small group discussion and activities; create assignments; grade assignments; develop feedback tool to collect information on utility of sessions; compile feedback from learners; coordinate panel discussions; serve as primary instructor

Graduate Education Programs

GEO Leadership and Professional Development

- 2024 – Present Course Director, Leadership and teamwork in the Biomedical Sciences and Public Health Professions (OPMS5003)
~10/course
- 2020 – 2024 Co-Course Director, Leadership and teamwork in the Biomedical Sciences and Public Health Professions (OPMS5003)
~10/course
- Develop objectives; create lectures; select pre-work; create small group discussion and activities; create assignments; grade assignments; develop feedback tool to collect information on utility of sessions; compile feedback from learners; coordinate panel discussions; serve as primary instructor

Health Professions Education Program

- 2022 – Present Course Director, Leadership and Followership in Teams: A Social Psychology Perspective (HPE610)
~3/course
- Develop objectives; create lectures; select pre-work; create small group discussion and activities; create assignments; grade assignments; develop feedback tool to collect information on utility of sessions; compile feedback from learners; serve as primary instructor
 - Revamped course (2024) to be more applied, applicable, and updated to newer material for learners based on feedback

USU Programs & Trainings

Faculty Leadership Training, Brigade

- 2019 – Present Instructor, Cadre Leadership program
~15/class

- Develop objectives; create lectures; select pre-work; create small group discussion and activities; develop feedback tool to collect information on utility of sessions; compile feedback from learners

Educations and Trainings outside USU

Pendleton

2023 Co-Course Developer, Pendleton Leadership Day

- Developed objectives; created lectures; created small group discussion and activities; developed feedback tool to collect information on utility of sessions; compiled feedback from learners; served as a primary instructor

Walter Reed Army Institute of Research (WRAIR)

2018 – 2022 Co-Course Developer, WRAIR Pre-Director Leadership Course
~12/course

- Developed objectives; created lectures; created small group discussion and activities; developed feedback tool to collect information on utility of sessions; compiled feedback from learners; served as a primary instructor

Tripler Army Medical Center (TAMC)

2022 Co-Course Developer, TAMC Leadership Day
~20/day

- Developed objectives; created lectures; created small group discussion and activities; developed feedback tool to collect information on utility of sessions; compiled feedback from learners; served as a primary instructor

Civilian Logistics Career Management Officer (CLCMO)

2020 Co-Course Developer, CLCMO sessions on Leadership
~20/class

- Developed objectives; created lectures; created small group discussion and activities; developed feedback tool to collect information on utility of sessions; compiled feedback from learners; served as a primary instructor

National Air and Space Intel Center (NASIC)

2019 Co-Course Developer, NASIC Leadership Course
~40/course,

- Developed objectives; created lectures; created small group discussion and activities; developed feedback tool to collect information on utility of sessions; compiled feedback from learners; served as a primary instructor

De Novo Curriculum for Courses/Sessions

School of Medicine

2020 – Present Instructor, Exobiology course
~10/class

- Develop objectives; create lectures; select pre-work; create small group discussion and activities; serve as a primary instructor

2020 – Present Instructor, Military, Medicine, and Space course
 ~10/class

- Develop objectives; create lectures; select pre-work; create small group discussion and activities; serve as a primary instructor

Graduate Education Programs

GEO Leadership and Professional Development

2016 – 2018 Instructor, varied courses
 ~10/class,

- Developed objectives; created lectures; select pre-work; created small group discussion and activities; developed feedback tool to collect information on utility of sessions; compiled feedback from learners; served as a primary instructor

USU Programs & Trainings

Sports Medicine Fellowship Program

2014 – Present Instructor, Sports Medicine Fellowship Program
 ~15/class

- Develop objectives; create lectures; create small group discussion and activities; serve as a primary instructor

Educations and Trainings outside USU

Health Professions Scholarship Program (HPSP) Fundamentals of Military Medicine

2020 – Present Co-Course Developer, Psychological Well-being Module

2021 – Present Co-Course Developer, Military Medical Leadership Module

- Develop objectives; create lectures and material; create activities and assignments

Educations and Trainings outside USU

Fort Belvoir Community Hospital

2021 Co-Course Developer, Family Medicine Residency Faculty
 ~20/class

- Developed objectives; created lectures; select pre-work; created small group discussion and activities; developed feedback tool to collect information on utility of sessions; compiled feedback from learners; served as a primary instructor

Revamped Curriculum

Graduate School of Nursing

2013 – 2020 Instructor, varied courses
 ~65/class

- Developed objectives; created lectures; select pre-work; created small group discussion and activities; developed feedback tool to collect information on utility of sessions; compiled feedback from learners; served as a primary instructor

2017 – 2018 Co-course developer, Principles and Science of Leadership
 ~4/course

- Developed objectives; created lectures; select pre-work; created small group discussion and activities; developed feedback tool to collect information on utility of sessions; compiled feedback from learners; served as a primary instructor

Graduate Education Programs

Health Professions Education Program

2023 – Present Co-Course Director, Online Learning (HPE506)
~20/course

- Select pre-work; create small group discussion and activities; serve as a primary instructor facilitating discussion boards and providing feedback on work; grade assignments and projects.

Neuroscience Program

2012 – 2017 Instructor, varied courses
~10/class

- Developed objectives; created lectures; select pre-work; served as a primary instructor

Educations and Trainings outside USU

MGHIHP

2024 – Present Co-Course Director, Foundations of Educational Effectiveness (HE 713)
20/course

- Select pre-work; create small group discussion and activities; serve as a primary instructor facilitating discussion boards and providing feedback on work; grade assignments and projects.

2024 – Present Co-Course Direction, Educational Program Design, Implementation, and
Evaluation (HE 715)
~20/course

- Select pre-work; create small group discussion and activities; serve as a primary instructor facilitating discussion boards and providing feedback on work; grade assignments and projects.

MENTORSHIP

Co-mentored Medical & Clinical Psychology (MPS) PhD learners; Graduate School of Nursing (GSN) PhD learners; and School of Medicine (SOM) Medical Student capstone projects in identifying research questions, designing appropriate research methods, training personnel, conducting data analyses, interpreting findings, disseminating findings.

MPS: M. Moosey, 2016; A. Weisbrod, 2017; A. Webb, 2018; K. Eklund, 2020

GSN: S. Huffman, 2018; L. Perla, 2021

SOM Medical Students:

L. Kiss, J. Green, J. Winters. Peer-to-peer leadership assessment instrument, 2016

J. Lowe. Intergenerational Leadership, 2017

M. Van Shuffin. Student Leadership Reflections from Bushmaster, 2023

P. Shronts. Healthcare Leadership & Self-Assessment and Peer Feedback, 2023

A. Wang. Impact of Assessing Students on Faculty, 2023

Z. Mattice, Leadership Communication, 2022-present

C. Failing, Leadership Communication, 2023-present
E. Elkins, Gathering Validity Evidence for the Bushmaster Assessment Tool, 2023-present
K. Bateman, Leader Philosophies Valued by Medical Students, 2023-present
N. Bosse, Inclusive Leadership Reflections, 2023-present
K. Simons, Gunpowder performance, 2023-present
B. Shambon, Roosevelt case study; Delphi study of self-assessment and peer report tool, 2023-present
R. Doud, Bushmaster faculty comments, 2023-present
K. Napierkowski, Bushmaster performance, 2023-present

HPE Learners:

Z. Malec, MEd-HPE, AI in medical education, 2024-present
K. Lipshy, Med-HPE, UME leadership, 2024-present

George Washington University SOM Medical Student:

K. Sallander, Development of Leadership classes & Summer Leadership Program analysis, 2020-2022

Madigan Army Medical Center Resident:

B. Matsas, Delphi Study of Peer Feedback form for acute care clinic, 2022-2024

Walter Reed National Military Medical Center:

D. Kolade, Trust in Anesthesiology, 2023
L. Tippit, Academic Coaching Program, 2023-present

MGH Institute of Health Professions

H. Dayag, PhD, Leadership Identity Formation in Military Medical Students, 2024-present

COACHING

Local and national USU faculty, staff, and learners
United States Military Academy (USMA) cadets

HONORS AND AWARDS

2022 International Association of Medical Science Educators (IAMSE) Travel Award
2023 Dean's Impact Award for "exceptional educational research and teaching in the leadership curriculum"
2024 "Super Mentor" for Capstone Students for mentoring multiple students per year

GRANTS

2022-2023 **Principal Investigator**, Leadership and followership within healthcare teams: Exploring the roles and collaborative dynamics in interprofessional teams, USU, \$13,215.
2022-2023 **Co-Principal Investigator**, Coaching to enhance leader development and improve leader identity, USU, \$11,700.
2020-2022 **Co-Principal Investigator** (w/ Mayo Clinic colleagues), Creating the missing link for integration of Science of Healthcare Delivery concepts into clinical practice:

- Faculty development using a practical and compelling story-based video approach, American Medical Association (AMA), \$29,998.
- 2019-2021 **Co-Principal Investigator** (w/ Duke University, University of South Florida, University of Texas A&M, Virginia Tech colleagues), Leadership Essentials in Undergraduate Medical Education and the Barriers to Implementation; International Association of Medical Science Educators (IAMSE), \$5,000.
- 2018-2021 **Co-Principal Investigator**, USU Leadership Education and Development; USU/HJF, \$665,922.
- 2018-2022 **Consultant** (research design, statistician), Mitochondria-focused diagnostic and treatment strategies for combined blast traumatic brain injury and hemorrhagic shock in rats, CDMRP.
- 2015-2018 **Co-Investigator**, USU Leadership Education and Development; USU/HJF
2015-2020 **Study Coordinator/Associate Investigator**, Biopsychosocial efficacy of service dog training in service members with PTSD; DoD HA, \$2M.
- 2014-2016 **Co-Investigator**, Developing a Peer-to-Peer Leadership Assessment Instrument (P2P LAI) for USU Medical Students; USU.
- 2014-2017 **Co-Investigator**, Behavioral effects of stress, nicotine, and caffeine in male and female rats; USU.
- 2014-2017 **Co-Investigator**, Evaluation of military medical leadership in a simulated field setting, USU.

PUBLICATIONS

Peer-Reviewed

1. Sharma, P., Yan, A., Hu, X., Li, X., **Barry, E.S.**, Grunberg, N.E., Zhang, L., (2012). Mitochondrial targeted neuron focused genes in hippocampus of rats with traumatic brain injury. *International Journal of Critical Illness & Injury Science*. 2(3), 172-179. <https://doi.org/10.4103/2229-5151.100931>
2. Kamnaksh, A., Kwon, S.K., Kovesdi, E., Ahmed, F., **Barry, E.S.**, Grunberg, N.E., Long, J., Agoston, D. (2012). Neurobehavioral, cellular, and molecular consequences of single and multiple mild blast exposure. *Electrophoresis*. 33(24), 3680-92. <https://doi.org/10.1002/elps.201200319>
3. Yarnell, A.M, Shaughness, M.C., **Barry, E.S.**, Ahlers, S.T., McCarron, R.M., Grunberg, N.E., (2013). Blast traumatic brain injury in the rat using a blast overpressure model. *Current Protocols in Neuroscience*. Chapter 9, Unit 9.41. <https://doi.org/10.1002/0471142301.ns0941s62>.
4. Ariyannur, P.S., Arun, P., **Barry, E.S.**, Andrews-Shigaki, B., Bosomtwi, A., Tang, H., Selwyn, R., Grunberg, N.E., Moffett, J.R., Namboodiri, M.A. (2013). Do reductions in brain N-Acetylaspartate levels contribute to the etiology of some neuropsychiatric disorders? *Journal of Neuroscience Research*. 91(7), 934-42. <https://doi.org/10.1002/jnr.23234>
5. Kamnaksh, A., Ahmed, F., Kovesdi, E., **Barry, E.S.**, Grunberg, N.E., Long, J.B., & Agoston, D.V. (2013). Molecular mechanisms of increased cerebral vulnerability after repeated mild blast-induced traumatic brain injury. *Translational Proteomics*. 3, 22-37. <https://doi.org/10.1016/j.trprot.2013.11.001>
6. Xing, G.* , **Barry, E.S.***, Benford, B., Grunberg, N.E., Li, H., Watson, W.D., & Sharma, P. (*equal contributing authors). (2013). Impact of repeated stress on traumatic brain injury-

- induced mitochondrial electron transport chain expression and behavioral responses in rats. *Frontiers in Neurology*. 4(196), 1-13. <https://doi.org/10.3389/fneur.2013.00196>
7. Sharma, A., Chandran, R., **Barry, E.S.**, Bhomia, M., Hutchison, M.A., Balakathiresan, N.S., Grunberg, N.E., & Maheshwari, R.K. (2014). Identification of serum microRNA signatures for diagnosis of mild traumatic brain injury in a closed head injury model. *PLoS One*. 9(11), 1-20. <https://doi.org/10.1371/journal.pone.0112019>
 8. Nindl, B.C., Purvis-Jaffin, D.P., Dretsch, M.N., Chevront, S.N., Wesensten, N.J., Kent, M.L., Grunberg, N.E., Pierce, J.R., **Barry, E.S.**, Scott, J.M., Young, A.J., O'Connor, F.G., Deuster, P.A. (2015). Human performance optimization (HPO) metrics: Consensus findings, gaps, and recommendations for future research. *Journal of Strength Conditioning Research*. 29, S221-245. <https://doi.org/10.1519/JSC.0000000000001114>
 9. Yarnell, A.M., **Barry, E.S.**, Mountney, A., Shear, D., Tortella, F., Grunberg, N.E. (2016). The Revised Neurobehavioral Severity Scale (NSS-R). *Current Protocols in Neuroscience*. 75, 9.52.1-9.52.16. <https://doi.org/10.1002/cpns.10>
 10. Grunberg, N.E., **Barry, E.S.**, Kleber, H., McManigle, J.E., Schoomaker, E.B., (2018). Charting a course for leader and leadership education and development in American medical schools. *MedEdPublish*, 7(1) 37. <https://doi.org/10.15694/mep.2018.0000037.1>.
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53. **Barry, E.S.**, Teunissen, P., Varpio, L., Vietor, R., Kiger, M. (2024). Leadership and followership dynamics in interprofessional healthcare teams: An attending physician perspective. *Academic Medicine*. <https://doi.org/10.1097/ACM.0000000000005819>
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57. **Barry, E.S.**, L'Huillier, J.C., White, B.A. (under review). Diagnosing conflict in medical education. *BMJ Leader*.
58. Konopasky, A.W., Bunin, J.L., Highland, K.B., Soh, M., **Barry, E.S.**, Maggio, L.A. (under review). Scientific inquiry of queerness of physicians and physician trainees: A queer reading of published literature in medicine. *Teaching and Learning in Medicine*.
59. **Barry, E.S.**, Teunissen, P., Varpio, L., Vietor, R., Kiger, M. (under review). Preparing Military Interprofessional Healthcare Teams to Function as a Team. *Military Medicine*.

Non-Peer-Reviewed

1. **Barry, E.S.** (2018). Interview with Dr. Cees van der Vleuten: An assessment expert in health professions education. http://www.ceesvandervleuten.com/application/files/3115/3088/0121/Interview_van_der_Vleuten.pdf.

Books

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2. Metcalf, M., **Barry, E.S.**, Mushalko, D., Mushalko, D., Grunberg, N.E. (2023). *Innovative leadership & followership in the age of AI: A handbook for creating your future as leader, follower, and AI ally*. Portland, OR: Phronesis Publishing (Pty) Ltd.

3. White, B.A.A.W., Quinn, J.F., **Barry, E.S.** (2024) Leading self and others with emotional intelligence. Dubuque, IA: Kendall Hunt Publishing Company.

Book Chapters

1. Grunberg, N.E., & **Barry, E.S.** (2016). Tobacco Use. In S.K. Whitbourne (Ed.), *Encyclopedia of Adulthood and Aging*. Malden, Oxford: John Wiley and Sons, Inc., 1402-1406.
2. Eklund, K.E., **Barry, E.S.**, Grunberg, N.E. (2017). Gender and Leadership. In A. Alvinus (Ed.), *Gender Differences in Different Contexts*, InTech, 129-150.
3. Grunberg, N.E., **Barry, E.S.**, Kleber, H., McManigle, J.E., Schoomaker, E.B., (2017). Seven steps to establish a leader and leadership education and development (LEAD) program. In M. Clark & C.W. Gruber (Eds.), *Leader Development Deconstructed*. Cham, Switzerland: Springer International Publishing, 301-322.
4. Yarnell, A.M., **Barry, E.S.**, & Grunberg, N.E. (2019). Psychological well-being. In: O'Connor FG, Schoomaker EB, Smith DC, eds. *Fundamentals of Military Medicine*. San Antonio, TX: Borden Institute; 363-380.
5. **Barry, E.S.**, & Grunberg, N.E. (2019). Healthcare teams. In J.F. Quinn, & B.A. White (Eds.), *Cultivating Leadership in Medicine*. Dubuque, IA: Kendall Hunt Publishing Company, 117-130.
6. **Barry, E.S.**, & Grunberg, N.E., McManigle, J.E. (2019). Uniformed services university school of medicine leader and leadership education and development program. In J.F. Quinn, & B.A. White (Eds.), *Cultivating Leadership in Medicine*. Dubuque, IA: Kendall Hunt Publishing Company, 141-154.
7. Grunberg, N.E., & **Barry, E.S.** (2019). Effective communication. In J.F. Quinn, & B.A. White (Eds.), *Cultivating Leadership in Medicine*. Dubuque, IA: Kendall Hunt Publishing Company, 77-89.
8. Grunberg, N.E., **Barry, E.S.**, Morrow-Fox, M., & Metcalf, M. (2021). Optimizing Innovative Leadership and Followership. In M. Franco (Ed.), *Leadership: New Insights*, InTech. 1-17. <https://doi.org/10.5772/intechopen.99860>
9. Kurzweil, D., & **Barry, E.S.**, (2022). Tools for Teaming. In J. Goodell (Eds.), *Learning Engineering Toolkit*. 255-268.
10. Grunberg, N.E., & **Barry, E.S.** (2022). From empathy to the aggression-compassion continuum. In S. Ventura (Ed.), *Empathy: Advanced Research and Applications*, InTech. 1-14. <https://doi.org/10.5772/intechopen.106516>.
11. **Barry, E.S.**, & Grunberg, N.E. (2022). Healthcare teams: Leaders, followers, and teams as a system. In J.F. Quinn, & B.A. White (Eds.), *Cultivating Leadership in Medicine* (2nd ed.). Dubuque, IA: Kendall Hunt Publishing Company. 117-136.
12. **Barry, E.S.**, & Grunberg, N.E., McManigle, J.E., Yarnell, A.M. (2022). Uniformed Services University School of Medicine Leader Development Program. In J.F. Quinn, & B.A. White (Eds.), *Cultivating Leadership in Medicine* (2nd ed.). Dubuque, IA: Kendall Hunt Publishing Company. 173-186.
13. Grunberg, N.E., & **Barry, E.S.** (2022). Effective communication in medicine. In J.F. Quinn, & B.A. White (Eds.), *Cultivating Leadership in Medicine* (2nd ed.). Dubuque, IA: Kendall Hunt Publishing Company. 77-90.
14. White, B.A.A.W., **Barry, E.S.**, Quinn, J.F. (2024). Historical Trajectory of Leadership Theory. In B.A.A. White, J.F. Quinn, & E.S. Barry (Eds.), *Leading Self and Others with Emotional Intelligence*. Dubuque, IA: Kendall Hunt Publishing Company.

15. **Barry, E.S.**, (2024). Followership. In B.A.A. White, J.F. Quinn, & E.S. Barry (Eds.), *Leading Self and Others with Emotional Intelligence*. Dubuque, IA: Kendall Hunt Publishing Company.
16. White, B.A.A., **Barry, E.S.**, Quinn, J.F. (2024). Self-awareness and self-management. In B.A.A. White, J.F. Quinn, & E.S. Barry (Eds.), *Leading Self and Others with Emotional Intelligence*. Dubuque, IA: Kendall Hunt Publishing Company.
17. **Barry, E.S.**, White, B.A.A., Grunberg, N.E. (2024). Effective Communication. In B.A.A. White, J.F. Quinn, & E.S. Barry (Eds.), *Leading Self and Others with Emotional Intelligence*. Dubuque, IA: Kendall Hunt Publishing Company.
18. **Barry, E.S.**, White, B.A.A. (2024). Leading with EI in Teams. In B.A.A. White, J.F. Quinn, & E.S. Barry (Eds.), *Leading Self and Others with Emotional Intelligence*. Dubuque, IA: Kendall Hunt Publishing Company.
19. Grunberg, N.E., & **Barry, E.S.** (2024). How to AID Leadership and Followership in Multidisciplinary Healthcare Teams. In N.E. Grunberg (Ed.), *Multidisciplinary teamwork in the healthcare setting*. InTech Publishers. 1-20. <http://dx.doi.org/10.5772/intechopen.1004644>
20. Kleber, H.G., Yarnell, A.M., Evans, L., **Barry, E.S.** (2024). Harness a Leadership Superpower: How to be a coach-like communicator. In A. Wefald (Eds.), *Critical Perspectives on the Intersections of Coaching and Leadership*. Hershey, PA: IGI Global Publishing Tomorrow's Research Today. <https://doi.org/10.4018/979-8-3693-1086-1.ch008>
21. Samuel, A., Weiner, J., Battistone, M., Barker, A., **Barry, E.S.**, (in press). The Invisible Work of Technology Professionals. In *A Thunderous Chorus of Silent Voices: The Invisible Work of Medical Education*.
22. **Barry, E.S.**, Kleber, H.G., Grunberg, N.E., Callahan, C., Shronts, P. & Yarnell, A.M. (in press). Military medical leadership. In F.G. O'Connor, E. B. Schoomaker, & D.C. Smith (Eds.), *Fundamentals of Military Medicine*. San Antonio, TX: Borden Institute.
23. Yarnell, A.M., Mattice, Z., Failing, C., Grunberg, N.E., **Barry, E.S.** (in press). Military communication. In F.G. O'Connor, E. B. Schoomaker, & D.C. Smith (Eds.), *Fundamentals of Military Medicine*. San Antonio, TX: Borden Institute.
24. Yarnell, A.M., Kochanski, K.M., Grunberg, N.E., **Barry, E.S.** (in press). Psychological well-being. In F.G. O'Connor, E. B. Schoomaker, & D.C. Smith (Eds.), *Fundamentals of Military Medicine*. San Antonio, TX: Borden Institute.

CONFERENCE PLANNING

National Conferences:

1. USU Leader and Leadership Education and Development (LEAD) Summit, Charting a Course for Leadership Education, April 2017
2. USU LEAD Summit, What, When, and How of LEAD Curricula and Assessments, April 2018
3. USU LEAD Summit, LEAD across the Professional Life-Cycle, April 2019

International Conferences:

4. International Leadership Association (ILA) Healthcare Leadership, Strengthening the Ties Between Healthcare and Leadership, May 2021 (virtual)
5. ILA Healthcare Leadership, Strengthening the Ties Between Healthcare and Leadership: Experiences, Effects, and Resilience, May 2022 (virtual)
6. ILA Healthcare Leadership, Strengthening the Ties Between Healthcare and Leadership, October 2023
7. International Health Professions Education Virtual Conference, October 2024 (virtual)

8. ILA Healthcare Leadership, Strengthening the Ties Between Healthcare and Leadership Healthcare Summit, November 2024

ORAL PRESENTATIONS

Invited Lectures and Talks

1. Grunberg, N.E., & **Barry, E.S.** Use of slogans, images, and characters in Federal information systems security education. Keynote address, Federal Information Systems Security Educators' Association (FISSEA) Conference, *A New Era in Cybersecurity Awareness, Training, and Education*, NIST, Gaithersburg, MD, March 27-29, 2012.
2. Grunberg, N.E., & **Barry, E.S.**, A transdisciplinary tobacco research program for South Carolina. Medical University of South Carolina keynote address, Charleston, SC, April 27, 2012.
3. Grunberg, N.E., **Barry, E.S.**, Yarnell, A.M., Communication for executive coaching. Presented to Office of Command Psychologist staff, Fort Knox, KY, June 17, 2012.
4. Grunberg, N.E., **Barry, E.S.**, Yarnell, A.M., Leadership seminar for executive coaching. Presented to Office of Command Psychologist staff, Fort Knox, KY, June 18, 2012.
5. Grunberg, N.E., & **Barry, E.S.**, Information security system educators must be leaders. Keynote address, Federal Information Systems Security Educators' Association (FISSEA) Conference, *Changes, Challenges, and Collaborations: Effective Cybersecurity Training*, NIST, Gaithersburg, MD, March 24-25, 2015.
6. Grunberg, N.E., **Barry, E.S.**, Kleber, H., Women/Gender in leadership. Presented to the Women in Leadership working group, Presidential Leadership Scholars Teleconference, January 19, 2017 & January 23, 2017.
7. Grunberg, N.E., & **Barry, E.S.**, Psychosocial and behavioral factors in health and medicine: Tobacco Use and Substance Abuse. Drexel University, November 21, 2017.
8. Grunberg, N.E., & **Barry, E.S.**, Leaders, managers, followers. Debevoise & Plimpton, December 14, 2017.
9. Grunberg, N.E., & **Barry, E.S.**, Psychosocial and behavioral factors in health and medicine: Tobacco Use and Substance Abuse. Drexel University, April 18, 2018.
10. Grunberg, N.E., & **Barry, E.S.**, Effective Communication in Healthcare Settings. Cooper University Hospital, Camden, NJ, November 26, 2018.
11. Grunberg, N.E., & **Barry, E.S.**, Psychosocial and Behavioral Factors in Health and Medicine: Tobacco Use and Substance Abuse. Psychosocial and Behavioral Factors in Health/Medicine, Drexel University, November 27, 2018.
12. Grunberg, N.E., **Barry, E.S.**, McManigle, J.E., Schoomaker, E.S., Medical Leader and Leadership Education and Development. Navy Medicine Professional Development Center, December 4, 2018.
13. Grunberg, N.E., McManigle, J.E., Schoomaker, E.S., **Barry, E.B.**, & Kleber, H.G. USU LEAD for USAMRMC Leaders: Team Building and Emotional Intelligence. United States Army Medical Research and Materiel Command (USAMRMC), Fort Detrick, MD, January 14, 2019.
14. Grunberg, N.E., & **Barry, E.S.**, Leader and Leadership Education: Framework, Team Building, and Leaders, Managers, and Followers. Navy Medicine Operational Training Center, NAS Pensacola, FL, January 24, 2019.
15. Grunberg, N.E., McManigle, J.E., Schoomaker, E.S., **Barry, E.B.**, & Kleber, H.G. USU LEAD for USAMRMC Leaders: Personality, Understanding Teams, and Emotional Intelligence. USAMRMC, Fort Detrick, MD, February 27, 2019.

16. Grunberg, N.E., & **Barry, E.S.**, Psychosocial and Behavioral Factors in Health and Medicine: Tobacco Use and Substance Abuse. Drexel University, April 16, 2019.
17. Grunberg, N.E., & **Barry, E.S.**, Psychosocial and behavioral factors in health and medicine: Tobacco use and substance abuse. Drexel University, November 12, 2019.
18. Grunberg, N.E., & **Barry, E.S.**, Psychosocial and behavioral factors in health and medicine: Tobacco use and substance abuse. Drexel University, April 7, 2020.
19. **Barry, E.S.**, & Grunberg, N.E., Teams, members of a team, and teams as a system. Practice Leadership within Complex Healthcare Systems, University of Maryland, July 10, 2020.
20. **Barry, E.S.**, & Grunberg, N.E., Teams, members of a team, and teams as a system. Practice Leadership within Complex Healthcare Systems, University of Maryland, October 30, 2020.
21. **Barry, E.S.**, Leadership Education through Simulation: Operation Bushmaster. Southern Group on Education Affairs (SGEA) Leadership Special Interest Group, November 20, 2020.
22. **Barry, E.S.**, & Grunberg, N.E., Leadership, followership, and teams as a system. Translational Research in Sleep and Circadian Science T32 Seminar, University of Pittsburgh, January 22, 2021.
23. **Barry, E.S.**, & Grunberg, N.E., Improving leader development through emotional intelligence, Stanford Department of Surgery Resident Leadership Program, Stanford University, February 10, 2021.
24. **Barry, E.S.**, & Grunberg, N.E., Leadership, followership, and teams as a system in health sciences, Integrated Brain Health research seminar, Massachusetts General Hospital, April 2, 2021.
25. **Barry, E.S.**, Teams as a system: Activity theory, SGEA Leadership Special Interest Group, May 21, 2021.
26. **Barry, E.S.**, & Grunberg, N.E., Teams, members of a team, and teams as a system. Practice Leadership within Complex Healthcare Systems, University of Maryland, June 11, 2021.
27. **Barry, E.S.**, Effective Team Building, Summer Program for Leadership Education and Development, University of South Carolina School of Medicine – Greenville, June 25, 2021.
28. **Barry, E.S.**, & Grunberg, N.E., Teams, members of a team, and teams as a system. Practice Leadership within Complex Healthcare Systems, University of Maryland, October 29, 2021.
29. **Barry, E.S.** Communication Styles. Texas A&M College of Medicine James Knight Leadership Scholars Program, College Station, TX, April 23, 2022.
30. **Barry, E.S.**, Teamwork in Medicine. Texas A&M College of Medicine James Knight Leadership Scholars Program, College Station, TX, April 23, 2022.
31. **Barry, E.S.**, Effective Team Building, Summer Program for Leadership Education and Development, University of South Carolina School of Medicine – Greenville, June 27, 2022.
32. **Barry, E.S.**, & Grunberg, N.E., Teamwork in Medicine. Practice Leadership within Complex Healthcare Systems, University of Maryland, July 15, 2022.
33. **Barry, E.S.**, & Grunberg, N.E., Improving leader development through emotional intelligence, Stanford Department of Surgery Resident Leadership Program, Stanford University, August 11, 2022.
34. **Barry, E.S.**, EI Skills and Motivation for Adaptive Leadership in Medicine. Texas A&M College of Medicine James Knight Leadership Scholars Program, College Station, TX, October 1, 2022.
35. **Barry, E.S.**, Followership in Healthcare: How we got here, Where we are now, Where we can go next. International Leadership Association, Followership Community, June 29, 2023.

36. **Barry, E.S.**, Teamwork in Healthcare. Practice Leadership within Complex Healthcare Systems, University of Maryland, September 29, 2023.
37. **Barry, E.S.**, Survey Design. Military & Emergency Medicine Research Meeting, Uniformed Services University, December 12, 2023.
38. Yarnell, A.M., & **Barry, E.S.**, Faculty as Leaders, SGEA Leadership Special Interest Group, January 26, 2024.
39. **Barry, E.S.**, Leadership Coaching in Health Professions Education, Leading with Emotional Intelligence course, Department of Health Professions Education, School of Healthcare Leadership, MGH Institute of Health Professions, April 15, 2024.
40. **Barry, E.S.** The Leadership-Followership Continuum. MGH Institute of Health Professions (IHP) Alfaisal University Scholarship Seminar, April 28, 2024.
41. **Barry, E.S.** The Leadership-Followership Continuum. MGH IHP Capstone Seminar, June 12, 2024.
42. White, B.A.A.W., Quinn, J.F., **Barry, E.S.**, Leading with Emotional Intelligence. Kendall Hunt Publishing Company, July 17, 2024.

National/International Meeting Presentations

1. **Barry, E.S.**, Eklund, K.E., & Grunberg, N.E., Leadership, Communication, and Gender. American Society for Microbiology, Atlanta, GA, June 8, 2018.
2. **Barry, E.S.**, Dong, T., Durning, S.J., Schreiber-Gregory, D., Torre, D., Grunberg, N.E. Uniformed Services University Medical Student Leader Training in a Military Medical Field Exercise. MHSRS, Kissimmee, FL, August 20-23, 2018.
3. **Barry, E.S.**, & Grunberg, N.E., Healthcare needs LEAD: From conceptual framework to assessment. 20th Anniversary Global International Leadership Association: Authentic Leadership for Progress, Peace & Prosperity, October 25, 2018.
4. **Barry, E.S.** & Grunberg, N.E. A conceptual framework to guide leader and follower education, development, and assessment. 21st Annual Global International Leadership Association: Leadership: Courage Required, Ottawa, Canada, October 26, 2019.
5. **Barry, E.S.**, Session chair, Leadership and Healthcare Success, 21st Annual Global International Leadership Association: Leadership: Courage Required, Ottawa, Canada, October 26, 2019.
6. **Barry, E.S.**, McManigle, J.E., Grunberg, N.E. Uniformed services university leader and leadership education and development program overview. 21st Annual Global International Leadership Association: Leadership: Courage Required, Ottawa, Canada, October 27, 2019.
7. Grunberg, N.E. & **Barry, E.S.** Summits for medical student leader and leadership education and development. 21st Annual Global International Leadership Association: Leadership: Courage Required, Ottawa, Canada, October 27, 2019.
8. **Barry, E.S.**, Self-awareness is essential to development: How to make a learner more self-aware. American Psychological Association Annual meeting, Washington, DC, August 7, 2020.
9. **Barry, E.S.**, Session chair, Healthcare leadership education and development, 22nd Annual Global International Leadership Association: Leading at the Edge, San Francisco, CA, November 6, 2020.
10. Yarnell, A.M., Grunberg, N.E., & **Barry, E.S.**, Building optimal healthcare teams with allostatic leaders and followers. 22nd Annual Global International Leadership Association: Leading at the Edge, San Francisco, CA, November 6, 2020.

11. **Barry, E.S.**, & McManigle, J.E., Self-assessment and peer coaching tool for healthcare leader and leadership education. 22nd Annual Global International Leadership Association: Leading at the Edge, San Francisco, CA, November 7, 2020.
12. Burchard, M., Grunberg, N.E., **Barry, E.S.**, Building patient trust: “ASC DOC” hands-on workshop. 22nd Annual Global International Leadership Association: Leading at the Edge, San Francisco, CA, November 8, 2020.
13. **Barry, E.S.**, Larsen, K.B., Meyer, H., Durning, S.J., Varpio, L. What we can learn from leadership and followership in military interprofessional healthcare teams. 23rd Annual Global International Leadership Association: Reimagining Leadership Together, Online, October 24, 2021.
14. **Barry, E.S.**, Yarnell, A.M., Fitzpatrick, S., Dunlap, E. Formalizing mentorship and coaching. 23rd Annual Global International Leadership Association: Reimagining Leadership Together, Online, October 24, 2021.
15. Metcalf, M., **Barry, E.S.**, Blakah, D.M., Fitzpatrick, S., Grunberg, N.E., Morrow-Fox, M. Innovative Leadership for Health Care. 23rd Annual Global International Leadership Association: Reimagining Leadership Together, Online, October 25, 2021.
16. Yarnell, A.Y., Sallander, K., **Barry, E.S.** Small Groups Satisfy: A Descriptive Analysis of Engagement in Virtual Learning. Eastern Psychological Association 2022 Annual Conference, New York City, NY, March 4, 2022.
17. Yarnell, A.M., Brady, E., Schwartz, J., Vojta, L., **Barry, E.S.** Learning to care for those in harm’s way: Leader development applications for all healthcare education institutions from the Uniformed Services University. 2nd Annual ILA Healthcare Leadership Conference: Strengthening ties between healthcare and leadership: Experiences, Effects, and Resilience, Online, May 2, 2022.
18. **Barry, E.S.**, Merkebu, J., & Varpio, L. Towards a state-of-the-art literature review methodology: A six-step approach. 2022 Northeast Group of Educational Affairs (NEGEA) Annual Virtual Conference, Moving Forward: Engagement and Revitalization in Medical Education, Online, May 10, 2022.
19. Korndorffer, M.L., Dewsnap, M.A., **Barry, E.S.**, Grunberg, N.E., Musick, D.W., Quinn, J.F., Presence of leadership curricula in undergraduate medical education: Facilitators and barriers to implementation of leadership programs. 2022 Annual Meeting of the International Association of Medical Science Educators (IAMSE), Denver, CO, June 5-7, 2022.
20. **Barry, E.S.**, White, B.A., Zaveri, N., & Haramati, A. Are you a good leader? A good follower? Building leaders and followers together to create change. 2022 Annual Meeting IAMSE, Denver, CO, June 6, 2022.
21. **Barry, E.S.**, Fitzpatrick, S., Grunberg, N.E., Healthcare Leadership in Times of Crisis. 24th Annual Global International Leadership Association: Wisdom in Times of Crisis, Washington, DC, October 14, 2022.
22. Metcalf, M.M., Grunberg, N.E., **Barry, E.S.**, Innovating Leadership to Co-evolve Leaders and Organizations - Evolving the Frameworks. 24th Annual Global International Leadership Association: Wisdom in Times of Crisis, Washington, DC, October 16, 2022.
23. **Barry, E.S.**, Fitzpatrick, S., Schmidt, J., Lumpkins, K.M., Leadership education in undergraduate medical education. Association of American Medical Colleges (AAMC) Learn, Serve, Lead 2022 annual meeting, Nashville, TN, November 13, 2022.

24. **Barry, E.S.**, Zaveri, N., White, B.A., Building leaders and followers together to create change: Understanding leadership and followership. IAMSE First Annual Virtual Forum: Health Professions Education without Borders, virtual, December 2&3, 2022.
25. Yarnell, A.M., Brady, E., Kleber, H.K., **Barry, E.S.**, Power of coaching for increased self-awareness and leader development, Eastern Psychological Association 2023 Annual Conference, Boston, MA, March 3, 2023.
26. Vojta, L., Roberts, C., Cole, R., **Barry, E.S.**, Interprofessional experiences of advanced practice nursing students during a military field practicum, AMEE International Association for Health Professions Education, Glasgow, Scotland, August 28, 2023.
27. **Barry, E.S.**, Teunissen, P., Varpio, L., Followership in interprofessional healthcare teams: A state-of-the art review, AMEE International Association for Health Professions Education, Glasgow, Scotland, August 29, 2023.
28. Burchard, M.J., Veiss, S.D., Hunt, E.K., Hamstra, C., & **Barry, E.S.**, Ancient lore, current plight: How three countries' fairy tales shape leadership traits for crisis leadership, 25th Annual Global International Leadership Association: Cultivating Leadership for a Thriving Future, Virtual, October 3, 2023.
29. **Barry, E.S.**, Teunissen, P., Varpio, L., Followership in interprofessional healthcare teams: A state-of-the art review, 25th Annual Global International Leadership Association: Cultivating Leadership for a Thriving Future, Vancouver, Canada, October 14, 2023.
30. Servey, J., Tippit, L., **Barry, E.S.**, Use of an OSTE to train academic coaches. SGEA Annual Conference, Houston, TX, April 13, 2024.
31. **Barry, E.S.**, Zaveri, N., & Haramati, A. Leadership and Followership in Health Professions Education: From Principles to Practice. 2024 Annual Meeting IAMSE, Minneapolis, MN, June 18, 2024.
32. **Barry, E.S.**, Teunissen, P., Varpio, L., Vietor, R., & Kiger, M. Leadership and Followership dynamics in Interprofessional Healthcare Teams: Attending Physician Perspectives. AMEE International Association for Health Professions Education, Basel, Switzerland, August 26-28, 2024.
33. **Barry, E.S.**, Teunissen, P., Varpio, L., Vietor, R., & Kiger, M. Leadership and Followership dynamics in Interprofessional Healthcare Teams: Attending Physician Perspectives. AAMC Learn, Serve, Lead Annual Conference, Atlanta, GA, November 2024.

Local/Regional Meeting Presentations

1. Moosey, M., & **Barry, E.S.**, Institutional animal care and use committee (IACUC): Rationale, overview, and definitions. Presented to the Medical & Clinical Psychology Research Methods II class, USU, Bethesda, MD, December 16, 2013.
2. **Barry, E.S.**, Grunberg, N.E., Kleber, H.G, McManigle, J.E., Schoomaker, E.B. USU Leader and Leadership Education and Development (LEAD) Program. USU Education Day. May 30, 2018.
3. Grunberg, N.E., & **Barry, E.S.**, Leaders, Managers, and Followers. Henry M. Jackson Foundation, Rockville, MD, August 21, 2018.
4. Grunberg, N.E., **Barry, E.S.**, Kleber, H.G. Sports psychology: Definition, history, and fundamental principles. USU Integrative Health and Wellness Monthly Series, Bethesda, MD, February 14, 2019.

5. Roberts, C. **Barry, E.S.**, Operational Medicine redesign for doctorate of nursing practice programs: An ADDIE model approach. USU 16th Annual Education Day: Reimagining Education, Bethesda, MD, June 14, 2023.

Grand Round Presentations

1. **Barry, E.S.**, The Leadership Academy: A state-of-the-art review, Military & Emergency Medicine Grand Rounds, 20 August, 2020.

PODCASTS

9. Fabiano, S. (Host). (2023, June, 19). Followership Training in Healthcare Teams (No. 13) [Audio podcast episode]. In *Lead and Follow*.
<https://leadfollow.buzzsprout.com/1735834/13041929-followership-training-in-healthcare-teams-erin-barry>

POSTER PRESENTATIONS

National/International Meetings

1. Grunberg, N.E., & **Barry, E.S.**, (2011, July). Neurobiology and Psychology of Substance Abuse. Presented to USAF Worldwide Drug and Alcohol Conference, San Diego, CA.
2. Ariyannur, P.S., Arun, P., **Barry, E.**, Andrews-Shigaki, B., Bosomtwi, A., Tang, H., Selwyn, R., Grunberg, N., Moffett, J.R., & Namboodiri, A.M.A. (2012, October). Are NAA reductions etiological in neuropsychiatric disorders? Presented at the Society for Neuroscience (SfN), New Orleans, LA.
3. Baumann, M., Chwa, A., Cravedi, K.D., **Barry, E.S.**, Yarnell, A.M., Jacobowitz, D., McCarron, R., & Grunberg, N.E. (2012, October). Psychological stress and blast overpressure exposure differentially alter central monoamine transmission in male and female rats. Presented at the SfN, New Orleans, LA.
4. Grover, D., Verma, R., Hawley, R.V., Rico, P.J., Lombardini, E., Xu, X., **Barry, E.**, Cravedi, K., Grunberg, N.E., & Galdzicki, Z. (2012, October). Genome-wide alterations of gene expression and epigenetic modifications in mouse brain impacted by long term exposure to tungsten-alloy pellets. Presented at the SfN, New Orleans, LA.
5. Verma, R., Grover, D., Xu, X., Lombardini, E., **Barry, E.**, Cravedi, K., Grunberg, N.E., & Galdzicki, Z. (2012, October). Genome-wide epigenetic and expression profiling of mouse brain impacted by single and repetitive TBI. Presented at the SfN, New Orleans, LA.
6. O'Neill, J.T., Kehl, M.L., Johnson, K.P., Cravedi, K.D., **Barry, E.S.**, Grunberg, N.E. (2013, April). Perinatal Exposure to Low Levels of Carbon Monoxide Impairs Neurobehavioral Function in Adult Mice. Presented at the Federation of America Societies for Experimental Biology, Boston, MA.
7. O'Neill, J.T., Kehl, M.L., Shakin, S.M., **Barry, E.S.**, & Grunberg, N.E. (2014, May). Adult sex differences in the neurobehavioral response to perinatal exposure to low levels of carbon monoxide and nicotine in mice. Presented at Pediatric Academic Societies and Asian Society for Pediatric Research, Vancouver, Canada.
8. Yarnell, A.M., **Barry, E.S.**, & Grunberg, N.E. (2014, November). Neurobehavioral effects of stress are similar but central neurochemical effects of stress differ in female and male rats. Presented at SfN, Washington, D.C.

9. Mack, R.E., **Barry, E.S.**, Weisbrod, A.S., Baisley, M., Graham, A.M., Grunberg, N.E. (2015, February). Nicotine and stress affect activity differently for male and female rats. Presented at Society for Research on Nicotine and Tobacco (SRNT), Philadelphia, PA.
10. Moosey, M.J., **Barry, E.S.**, Finton, B.J., Cravedi, K., Graham, A.M., Weisbrod, A.S., Yarnell, A.M., Grunberg, N.E. (2015, February). Nicotine attenuates depression-related behaviors in female but not male rats. Presented at SRNT, Philadelphia, PA.
11. Mack, R.E., **Barry, E.S.**, Baisley, M., Graham, A.M., Weisbrod, A.S., Grunberg, N.E. (2015, March). Nicotine and stress have different cognitive effects in females and males. Presented at Eastern Psychological Association, Philadelphia, PA.
12. Bhomia, M., Chandran, R., Balakathiresan, N.S., Sharma, A., **Barry, E.S.**, Hutchison, M.A., Jia, M., Li, H., Grunberg, N., Maheshwari, R.K. (2015, April). Serum microRNA signatures as potential biomarkers of traumatic brain injury and PTSD: A comparative study of closed head injury and traumatic stress rodent models. Presented at the TBI Conference, Washington, D.C.
13. Baisley, M., Webb, A.R., Yarnell, A.M., **Barry, E.S.**, Mack, R.E., & Grunberg, N.E. (2015, May). Pouring a bucket of water on a man in a pool? An animal model of how caffeine and deployment stress affect information processing. Presented at Association for Psychological Science, New York, NY.
14. University of South Florida Select Team, **LEAD team**, Brown University team (2016, April). Leadership in medical education: Who, what, when, where, and why. Presented at the Northeast Group on Educational Affairs (NEGEA) meeting of the Association of American Medical Colleges (AAMC) meeting, Providence, RI.
15. Sharma, P., Benford, B., **Barry, E.S.**, & Grunberg, N.E. (2016, August). Blood based dipstick test for the biomarker of mitochondrial damage in TBI. Presented at the Military Health System Research Symposium (MHSRS), Kissimmee, FL.
16. Eklund, K.E., Platek, N., Givens, M.L., & **Barry, E.S.** (2017, August). Females engaged in elite training previously open to males: Exploring the variables of successful outcomes. MHSRS. Presented at Kissimmee, FL.
17. **Barry, E.S.**, Dong, T., Durning, S.J., Kleber, H.G., McManigle, J.E., Schoomaker, E.B., Schreiber-Gregory, D., Torre, D., Grunberg, N.E. (2018, October) Leadership Education and Assessment in a Medical School. Presented at Leadership in Higher Education, Minneapolis, Minnesota.
18. Federigan, R.P., Yutuc, J., Yarnell, A.M., **Barry, E.S.** (2022, May). Uniformed Services University Professional and Leadership Development Program. Presented at the 2nd Annual ILA Healthcare Leadership Conference: Strengthening ties between healthcare and leadership: Experiences, Effects, and Resilience, Online.
19. **Barry, E.S.**, Teunissen, P., Varpio, L., Followership in interprofessional healthcare teams: A state-of-the art review, Association of American Medical Colleges (AAMC) Learn, Serve, Lead 2023 annual meeting, Seattle, WA, November 3-7, 2023.
20. Matsas, B., **Barry, E.**, Szymanski, S., & Tolson, D. Creating a leadership skills assessment tool for use in medical simulation: A quality improvement project, Council of Residency Directors (CORD) in Emergency Medicine Conference, March 26, 2024.
21. Matsas, B., **Barry, E.**, Szymanski, S., & Tolson, D. Developing a leadership skills assessment tool for emergency medicine resident simulation: A quality improvement project, Madigan Army Research Day, May 4, 2024.

Local/Regional Meetings

1. Grunberg, N.E., Bangalore, R., **Barry, E.S.**, Chwa, A., Cravedi, K.D., Hutchison, M.A. Yarnell, A.M. (2010, October). Psychobiological assessment of mTBI in rodent models. Presented at Department of Medical and Clinical Psychology Seminar Series, USU, Bethesda, MD.
2. Grunberg, N.E., Bangalore, R., **Barry, E.S.**, Chwa, A., Cravedi, K.D., Hutchison, M.A. Yarnell, A.M. (2010, November). Neurobehavioral phenotyping of male and female rats in response to mTBI & stress. Presented at Neuroprotection and Modeling Group, Center for Neuroscience and Regenerative Medicine (CNRM), USU, Bethesda, MD.
3. Grunberg, N.E., Bangalore, R., **Barry, E.S.**, Chwa, A., Cravedi, K.D., Hutchison, M.A. Yarnell, A.M. (2011, January). Does psychological stress prevent brain injury? Presented to Department of Preventive Medicine, USU, Bethesda, MD.
4. Grunberg, N.E., Bangalore, R., **Barry, E.S.**, Chwa, A., Cravedi, K.D., Hutchison, M.A. Yarnell, A.M. (2011, March). Behavioral & cognitive neuroscience investigations of mTBI & stress. Presented to Neuroscience Program, USU, Bethesda, MD.
5. Chandran, R., Sharma, A., Hutchison, M.A., **Barry, E.**, Balakathiresan, N., Chomia, M., Gayen, M., Jia, M., Fu, A., McCabe, J., Li, H., Grunberg, N., & Maheshwari, R.K. (2011, May). Serum microRNAs as biomarkers of closed head injury and their correlation with neurobehavioral deficits and known protein biomarkers of injury in mice. Presented at USU Research Days, Bethesda, MD.
6. Grunberg, N.E., Bangalore, R., **Barry, E.S.**, Baumann, M., Chwa, A., Cravedi, K., Hutchison, M.A., Jacobowitz, D., McCarron, R., Shaughness, M., Wu, T.J., & Yarnell, A.M. (2011, May). Multidisciplinary study of mTBI and stress in rats. Presented at USU Research Days, Bethesda, MD.
7. Grunberg, N.E., Yarnell, A.M., Chwa, A., Hutchison, M.A., & **Barry, E.S.** (2011, May). A revised neurological severity scale (NSS-R and mNSS-R) for rodents. Presented at USU Research Days, Bethesda, MD.
8. Grunberg, N.E., Bangalore, R., **Barry, E.S.**, Chwa, A., Cravedi, K.D., Hutchison, M.A. Yarnell, A.M. (2011, June). Extending neurobehavioral investigations of mTBI and Stress from rats to wounded Warriors, National Intrepid Center of Excellence (NICoE), Bethesda, MD.
9. **Barry, E.S.**, & Grunberg, N.E., (2011, September). Analyses of cytokine and chemokine data from peripheral blood in blast traumatic brain injury with and without stress. Anatomy & Physiology Department, Bethesda, MD.
10. Sharma, A., Chandran, R., Hutchison, M.A., **Barry, E.S.**, Balakathiresan, N., Bhomia, M., Gayen, M., Jia, M., Fu, A., McCabe, J., Li, H., Grunberg, N.E., & Maheshwari, R. (2011, December). MicroRNA as biomarkers of mild traumatic brain injury. Presented at The 4th Annual Trauma Spectrum Conference, Bethesda, MD.
11. Ariyannur, P., Arun, P., **Barry, E.**, Andrews-Shigaki, B., Bosomtwi, A., Tang, H., Selwyn, R., Grunberg, N., Moffett, J., & Namboodiri, A. (2012, May). Are N-Acetylaspartate reductions etiological in neuropsychiatric disorders? Presented at USU Research Days, Bethesda, MD.
12. Bangalore, R., Chwa, A., **Barry, E.S.**, Yarnell, A.M., & Grunberg, N.E. (2012, May). Blast-induced mild traumatic brain injury increases anxiety and depression-related behaviors, interferes with learning, and decreases startle in male rats. Presented at USU Research Days, CNRM Annual Meeting, and National Capital Area (NCA) TBI Research Symposium, Bethesda, MD.

13. Baumann, M., Chwa, A., Cravedi, K.D., **Barry, E.S.**, Yarnell, A.M., Jacobowitz, D., McCarron, R., & Grunberg, N.E. (2012, May). Psychological stress and blast overpressure exposure differentially alter central monoamine transmission in male and female rats. Presented at USU Research Days, CNRM Annual Meeting, and NCA TBI Research Symposium, Bethesda, MD.
14. **Barry, E.S.**, Yarnell, A.M., McCarron, R., Jacobowitz, D., Eidelman, O., Dalgard, C.L., Joswik, C., Pollard, H., & Grunberg, N.E. (2012, May). Psychological stress alters plasma cytokines and chemokines in male and female rats. Presented at USU Research Days, CNRM Annual Meeting, and NCA TBI Research Symposium, Bethesda, MD.
15. Sharma, A., Chandran, R., Hutchison, M.A., **Barry, E.**, Balakathiresan, N., Bhomia, M., Gayen, M., Jia, M., Fu, A., McCabe, J., Li, H., Grunberg, N., & Maheshwari, R. (2012, May). Increasing severity of closed head injury; Its effect on behavior and serum microRNA profile. Presented at CNRM Annual Meeting, Bethesda, MD.
16. Sharma, A., Chandran, R., Hutchison, M.A., **Barry, E.**, Balakathiresan, N., Bhomia, M., Gayen, M., Jia, M., Fu, A., McCabe, J., Li, H., Grunberg, N., & Maheshwari, R. (2012, May). Mouse mild closed head injury and its effect on circulating microRNAs. Presented at USU Research Days, Bethesda, MD.
17. Verma, R., Grover, D., Xu, X., Lombardini, E., **Barry, E.**, Grunberg, N., & Galdzicki, Z. (2012, May). Genome-wide ChIP-Seq and RNA-Seq profiling of brain tissues in mouse model of single and repetitive TBI. Presented at NCA TBI Research Symposium, Bethesda, MD.
18. Bangalore, R., Chwa, A., **Barry, E.S.**, Yarnell, A.M., & Grunberg, N.E. (2012, October). Blast-induced mild traumatic brain injury increases anxiety and depression-related behaviors, interferes with learning, and decreases startle in male rats. Presented at USU Neuroscience Open House, Bethesda, MD.
19. **Barry, E.S.**, Yarnell, A.M., McCarron, R., Jacobowitz, D., Eidelman, O., Dalgard, C.L., Joswik, C., Pollard, H., & Grunberg, N.E. (2012, October). Psychological stress alters plasma cytokines and chemokines in male and female rats. Presented at USU Neuroscience Open House, Bethesda, MD.
20. Chandran, R., Sharma, A., **Barry, E.S.**, Balakathiresan, N.S., Hutchison, M.A., Bhomia, M., McCabe, J.T., Grunberg, N.E., & Maheshwari, R.K. (2013, April). Altered serum microRNA expression and neurobehavioral deficits following mild closed head injury in mice. Presented at the NCA TBI Research Symposium, Bethesda, MD.
21. Xing, G., Benford, B., Grunberg, N.E., **Barry, E.**, Watson, W.D., Li, H., & Sharma, P. (2013, April). Effects of prior stress exposure and TBI on mitochondrial and neurobehavioral function. Presented at the NCA TBI Research Symposium, Bethesda, MD.
22. Chandran, R., Sharma, A., **Barry, E.S.**, Balakathiresan, N.S., Hutchison, M.A., Bhomia, M., McCabe, J.T., Grunberg, N.E., & Maheshwari, R.K. (2013, April). Altered serum microRNA expression and neurobehavioral deficits following mild closed head injury in mice. Presented at the NCA TBI Research Symposium, Bethesda, MD.
23. Chandran, R., Sharma, A., **Barry, E.S.**, Balakathiresan, N.S., Hutchison, M.A., Bhomia, M., McCabe, J.T., Grunberg, N.E., and Maheshwari, R.K. (2013, May). Mild closed head injury leads to neurobehavioral deficits and altered serum microRNA profile in mice. Presented at USU Research Days, Bethesda, MD.
24. Kamnaksh, A., Ahmed, F., Kovedi, E., **Barry, E.S.**, Grunberg, N.E., Long, J.B., & Agoston, D.V. (2013, May). Frequency of insults affects the severity of functional and molecular

- outcomes in a rodent model of repeated mild blast traumatic brain injury. Presented at USU Research Days, Bethesda, MD.
25. Moosey, M., **Barry, E.S.**, Finton, B.J., Graham, A., Weisbrod, A., Yarnell, A.M., & Grunberg, N.E. (2013, May). Behavior, environment, affect, threat and nicotine (BEAT-Nic). Presented at USU Research Days, Bethesda, MD.
 26. Woodson, J., **Barry, E.S.**, Finton, B.J., Moosey, M., Weisbrod, A., Yarnell, A.M., & Grunberg, N.E. (2013, May). Bushmaster research activities group (BRAG). Presented at USU Research Days, Bethesda, MD.
 27. Kamnaksh, A., Ahmed, F., Baik, G., Yang, S., **Barry, E.**, Grunberg, N.E., Long, J., & Agoston, D. (2014, May). Early intervention mitigates cerebral vulnerability in repeated mild blast-induced traumatic brain injury. Presented at USU Research Days, Bethesda, MD.
 28. Jozwik, C., Jacobowitz, D., **Barry, E.**, Cravedi, K., Moosey, M., Chen, T., Eudy, Y., Starr, J., Eidelman, O., Srivastava, M., Grunberg, N., & Pollard, H. (2014, May). NFκB-dependent epigenetic mechanisms in blast-induced mild traumatic brain injury. Presented at USU Research Days, Bethesda, MD.
 29. Baisley, M., Webb, A.R., Yarnell, A.M., **Barry, E.S.**, Mack, R.E., & Grunberg, N.E. (2015, May). Pouring a bucket of water on a man in a pool? An animal model of how caffeine and deployment stress affect information processing. Presented at USU Research Days, Bethesda, MD.
 30. Chandran, R., Sharma, A., Balakathiresan, N.S., Bhomia, M., **Barry, E.S.**, Hutchison, M.A., Grunberg, N.E., Maheshwari, R.K. (2015, May). Serum microRNA signatures in a closed head injury mouse model as a potential biomarker for early diagnosis of mild traumatic brain injury. Presented at USU Research Days, Bethesda, MD.
 31. Eklund, K., Nishida, K., **Barry, E.S.**, Grunberg, N.E., Choi, K. (2015, May). Examination of nicotine as a “gateway” to opiate abuse. Presented at USU Research Days, Bethesda, MD.
 32. Kiss, L., Green, J., Winters, J., Moosey, M., **Barry, E.**, Grunberg, N.E. (2015, May) Peer-to-peer leadership assessment instrument (P2P LAI): A unique addition to the USU SOM leadership education and training (LET) programs deaned by medical students to be used by medical students. Presented at USU Research Days, Bethesda, MD.
 33. Mack, R.E., **Barry, E.S.**, Baisley, M., Graham, A.M., Weisbrod, A.S., Grunberg, N.E. (2015, May). Nicotine and stress have different cognitive effects in females and males. Presented at USU Research Days, Bethesda, MD.
 34. Mack, R.E., **Barry, E.S.**, Weisbrod, A.S., Baisley, M., Graham, A.M., Grunberg, N.E. (2015, May). Nicotine and stress affect activity differently for male and female rats. Presented at USU Research Days, Bethesda, MD.
 35. Moosey, M.J., **Barry, E.S.**, Finton, B.J., Cravedi, K., Graham, A.M., Weisbrod, A.S., Yarnell, A.M., Grunberg, N.E. (2015, May). Nicotine attenuates depression-related behaviors in female but not male rats. Presented at USU Research Days, Bethesda, MD.
 36. Eklund, K.E., Nishida, K., **Barry, E.B.**, Choi, K.H., & Grunberg, N.E. (2016, April). Examination of the Gateway Hypothesis in an animal model. Presented at Society of Behavioral Medicine, Washington, DC; 11th Annual Amygdala, Stress and PTSD Conference, Bethesda, MD; USU Research Days, Bethesda, MD.
 37. Webb, A.R., Baisley, M.C., Graham, A., **Barry, E.S.**, & Grunberg, N.E. (2016, May). Caffeine associated with higher rates of depressive-like behavior in rats. Presented at USU Research Days, Bethesda, MD.

38. **USU LEAD team** (June, 2016). The USU FourCe-PITO Leadership Framework. Presented at the 9th annual USU Education Day Symposium, Bethesda, MD.
39. Weisbrod, A.S., Graham, A., **Barry, E.**, Eklund, M., Eudy, Y., Grunberg, N.E. (2017, May). Effects of stress on biological and behavioral indices of depression in male and female rats. Presented at Portsmouth, VA.
40. **Barry, E.S.**, Dong, T., Durning, S.J., Schreiber-Gregory, D., Torre, D., Grunberg, N.E. (2018, May) Military Medical Leadership Performance at USU Operation Bushmaster: Classes of 2016-2018. Presented at USU Research Days, Bethesda, MD.
41. Lowe, J.B., **Barry, E.S.**, & Grunberg, N.E. (2018, May) Improving Leader Effectiveness Across Multi-Generational Workforces. Presented at USU Research Days, Bethesda, MD.
42. Shrouts, P., Kleber, H., **Barry, E.S.**, Yarnell, A. (2023, May) Self and peer assessment for development of leadership competencies: Implementing a novel feedback tool after medical field practicums. Presented at USU Research Days, Bethesda, MD.
43. Saini, S., **Barry, E.S.**, Hanson, C., Kleber, H.K., Yarnell, A.M. (2023, August) Extended reality within leader development. Presented at USU ORISE Graduation, Bethesda, MD.
44. Beck, J., Beard, R., Schmitz, G., Oh, L., Guth, T., **Barry, E.**, Cole, R. (2024, April). Procedural experience of medical students entering emergency medicine residency. Presented at Government Services Chapter American College of Emergency Physicians (GSACEP), San Diego, CA.
45. Bateman, K., **Barry, E.S.** (2024, May) Leadership philosophies valued by medical students. Presented at USU Research Days, Bethesda, MD.
46. Elkins, E., Lee, Y., Dong, T., Durning, S.J., **Barry, E.S.** (2024, May) Gathering Validity Evidence for the Bushmaster Assessment Tool. Presented at USU Research Days, Bethesda, MD.
47. Jackson, E., Federigan, R., Kleber, H., Person, A., **Barry, E.S.**, Yarnell, A. (2024, August) Restorative Practices in Leadership Development. Presented at USU ORISE Graduation, Bethesda, MD.
48. Shambon, B.D., **Barry, E.S.** (2024, October) Outbreak Aboard USS Roosevelt: Medical Leadership, Ethics, and Health System Case Study, 26th Annual ILA Global Conference: Architects of Change: Leaders, Followers, & Communities, Chicago, IL.

CREATIVE PRODUCTS

1. Bushmaster Assessment Tool for student leader performance
 - Created a visual report to provide Bushmaster leader performance to learners after the completion of the exercise
2. Assessment Tool for Bushmaster, Gunpowder, ACME, and MFP101
 - Created leader performance assessment tools for all four field exercises that is used to collect data from faculty/staff, peer feedback, and self-assessment
3. Leadership Self-Assessment and Peer Feedback Tool
 - Created a self-assessment and peer feedback tool to all learners to self-assess and gather information from peers as a way to improve while also learning to give and receive feedback. The tool can be found in this publication: **Barry, E.S.**, McManigle, J., & McManigle, J.E. (2021). A self-assessment and peer coaching tool for leader development.

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