

CURRICULUM VITAE

PERSONAL DATA

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University of Florida College of Medicine
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Gainesville, Florida 32610-0208
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EDUCATION

High School: Bellevue High School, Bellevue, Nebraska, 1976
Undergraduate: Creighton University, Omaha, Nebraska
B.S. (Biology), December 15, 1979
Graduate: Florida State University, Tallahassee, Florida
M.S., Biological Science (Genetics & Cell Biology), December 18, 1982
Ph.D., Biological Science (Genetics & Cell Biology), December 12, 1987

POSTDOCTORAL TRAINING

Research Associate, Howard Hughes Medical Institute, University of Michigan Medical School, Ann Arbor, Michigan. November 1987 – February 1989
Postdoctoral Fellow, Dept. of Internal Medicine, University of Michigan Medical School, Ann Arbor, Michigan. March 1989 – August 1991
Master Educators of Medical Education, University of Florida College of Medicine. January 2001 – June 2002
AAMC Medical Education Research Certificate (MERC) Program. November 2008 – November 2010

ACADEMIC POSITIONS

Distinguished Teaching Scholar & Professor, Dept. of Pathology, Immunology and Laboratory Medicine, Univ. Florida College of Medicine, July 2015 – present
Associate Professor, Dept. of Pathology, Immunology and Laboratory Medicine, Univ. Florida College of Medicine, July 1997 – June 2015
Director, Clinical & Translational Science Predoctoral Training Programs, UF Clinical & Translational Science Institute, April 2009 – present
Associate Dean for Graduate Education, Univ. Florida College of Medicine, September 2001 – February 2011
Assistant Professor, Dept. of Pathology, Immunology and Laboratory Medicine, Univ. Florida College of Medicine, June 1991 – June 1997

HONORS AND AWARDS

Academic Scholarships, Creighton University	1976 – 1979
Sigma Xi Grant-in-Aid of Research	1985
AAI Travel Award, 7th International Congress of Immunology	1989
New Faculty Award, UF Division of Sponsored Research	1992
Research Development Award, UF Division of Sponsored Research	1992
“Golden Apple” Department Teaching Award, Best Basic Science Course (Co-Director, General Pathology & Immunology)	2001, 2005, 2006
Innovation & Research in Medical Education Award, UF	2002
Society of Teaching Scholars, UF College of Medicine	2003
Gold Humanism Honor Society	2004
Outstanding Presentation Award Finalist, International Association of Medical Science Educators (IAMSE), 12 th Annual Meeting	2008
Exemplary Teacher, UF College of Medicine	2013 – 2016, 2019
UF Academy of Distinguished Teaching Scholars	2015
UF College of Medicine Superior Accomplishment Award	2017

PROFESSIONAL SOCIETIES

Team-Based Learning Collaborative	2008 – present
American Association for the Advancement of Science	1986 – present
American Association of Immunologists	1989 – 2019
International Association of Medical Science Educators (IAMSE)	2008 – 2017
Pan-American Society for Pigment Cell Research	2000 – 2003
International Society of Developmental and Comparative Immunology	1994 – 2000
Society for Mucosal Immunology	1995 – 1998
American Society for Microbiology	1993 – 1994

COMMITTEES AND REVIEWERSHIPS

<u>Ad Hoc Manuscript Reviews</u>	J. Dermatological Science
Academic Medicine	J. Eur. Acad. Dermatology & Venereology
Archives of Dermatological Research	Journal of Immunology
British Journal of Dermatology	Journal of Investigative Dermatology
eLife	Laboratory Investigation
Immunogenetics	MedEdPORTAL
International Immunology	Medical Education
J. Clinical & Translational Science	Nucleic Acids Research

Editorial Boards

Associate Editor, MedEdPORTAL	2010 – 2016
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Grant Reviewerships

Southern Group on Educational Affairs	2006, 2008, 2010
NIH Centers of Biomedical Research Excellence (COBRE) Panel	2003 – 2004
NSF Signal Transduction & Regulation Program (<i>ad hoc</i>)	1997
NSF Integrative Animal Biology Program (<i>ad hoc</i>)	1995
USDA Nat'l Research Initiative Competitive Grants Program (<i>ad hoc</i>)	1994 – 1999
NIH Allergy and Immunology Study Section (<i>ad hoc</i>)	1994

National and State Committees

Current

- Clinical & Translational Science Awards (CTSA) Consortium, National Institutes of Health
Steering Committee Member, TL1 Directors Representative, CTSA Program Steering Committee, January 2020 – present
Lead Team Member, Workforce Development Enterprise Committee, January 2020 – present
Member, Team Science Affinity Group, January 2019 – present
Member, TL1 Program Directors Executive Group, March 2018 – present
Project Leader, National TL1 Program Survey, May 2017 – present
TL1 Program Directors Group Member, April 2009 – present
- International Network for the Science of Team Science (INSciTS)
Chair, Team Science Education and Training Special Interest Group, September October 2018 – present
Planning Committee Member, 2019 and 2020 Science of Team Science Annual Conferences, August 2018 – present
- Team-Based Learning Collaborative (TBLC)
Expert Adviser, July 2017 – present
Steering Committee Member, January 2010 – present
Scholarship Committee Member, May 2009 – present

Past

- Clinical & Translational Science Awards (CTSA) Consortium, National Institutes of Health
Member, “Best Practices for Mentoring and Supporting TL1 and KL2” Working Group, June 2017 – December 2019
Translational Workforce Development Domain Task Force Member, August 2015 – December 2019
TL1 Tracking & Evaluation Subcommittee Member, February 2014 – June 2017
- Graduate Research, Education and Training (GREAT) Group, AAMC
Past-Chair, Sep. 2012 – Sep. 2013
Steering Committee Member, Oct. 2008 – Sep. 2013
Chair, Oct. 2011 – Sep. 2012
2012 Program Committee Co-Chair, “Leading Change, Looking Forward: New Visions for Tomorrow’s Biomedical Science”, Nashville, TN, Oct. 2011 – Sep. 2012
MedEdPORTAL Committee Chair, October 2009 – Sep. 2011
Chair-Elect, October 2010 – October 2011
Gateway for Aspiring Biomedical Scientists Committee Member, May 2008 – June 2011
2003 Program Committee, “GREAT Visions of the Future of Biomedical Research Education and Training”, Montreal, Quebec, Canada, April 2002 – April 2003
2004 Program Committee, “Implementing a GREAT Vision for Biomedical Education”, Austin, TX, April 2003 – April 2004
2007 Program Committee, “Meeting the Challenge”, Providence, RI, Oct. 2006 – Oct. 2007
2009 Program Committee, “Innovation & Optimization of Graduate Student and Postdoctorate Learning and Development”, St. Louis, MO, Oct. 2008 – Oct. 2009
2010 Program Committee, “Enhancing Diversity and Sustaining Career Success”, New Orleans, LA, Oct. 2009 – Oct. 2010
2011 Program Committee, “Redefining the Culture of Scientific Training”, Savannah, GA, Oct. 2010 – Oct. 2011

Team-Based Learning Collaborative (TBLC)

Past-President, July 2015 – June 2017

President, July 2012 – June 2015

President-Elect, July 2011 – June 2012

2014 Program Committee Member, March 2013 – March 2014

2013 Program Committee Member, March 2012 – March 2013

2012 Program Committee Chair, March 2011 – March 2012

2011 Program Committee, March 2010 – March 2011

Treasurer, Jan. 2010 – June 2011

Gold Humanism Honor Society (GHHS)

Executive Committee Member, Advisory Council Member, Research Committee Co-Chair,
Nov. 2003 – 2011

Planning Committee, First Biennial Meeting, Oct. 2003 – Oct. 2004, Chicago, IL

Planning Committee, Second Biennial Meeting, Oct. 2005 – Oct. 2006, Chicago, IL

Planning Committee, Third Biennial Meeting, Oct. 2007 – Oct. 2008, Chicago, IL

Membership Committee Member, Jan. 2012 – Apr. 2017

Clinical & Translational Science Awards (CTSA) Consortium, National Institutes of Health

TL1 Tracking & Evaluation Subcommittee Member, Feb. 2014 – June 2017

Member, Education & Career Development Key Function Committee, July 2009 –
Feb. 2014

Member, Education & Career Development Team Science Working Group, January 2012 –
Sep. 2013

Member, Education & Career Development Evaluation Working Group, July 2009 – Nov. 2011

State Course Numbering System (SCNS), Florida Department of Education

Medicine Discipline Course Coordinator, June 2008 – June 2013

College and University Committees

Current

Member, Academy of Distinguished Teaching Scholars, July 2015 – present

Member, Society of Teaching Scholars, UF College of Medicine, Feb. 2003 – present

Past

Chair, Society of Teaching Scholars, UF College of Medicine, July 2013 – Sep. 2016

Member, UF University Curriculum Committee, July 2008 – May 2013

Member, UF Graduate School Curriculum Committee, Aug. 2003 – July 2006, Oct. 2010 – May 2013

Co-Director, UF College of Medicine MD-PhD Program, July 2007 – June 2011.

Chair, Graduate Program Committee, Dept. of Pathology, Immunology & Laboratory Medicine, July
1997 – June 2011

Member, Council of Graduate Deans, Univ. Florida, Sep. 2001 – Feb. 2011

Member, BRIDGES to the Doctorate Steering Committee, UF Graduate School, Mar. 2008 – Feb.
2011

Chair, Graduate Education Advisory Council, College of Medicine, Sep. 2001 – Feb. 2011

Member, Advisory Board, Interdisciplinary Training in Rehabilitation and Neuromuscular Plasticity
T32 Training Grant, June 2008 – Feb. 2011

Member, UF University Advising Committee, Aug. 2008 – Aug. 2010

Member, Interdisciplinary Program in Biomedical Sciences Admissions Committee, College of
Medicine, Aug. 2002 – Aug. 2010

Member, University Faculty Senate, August 2002 – July 2005

Member, Provost Task Force on Tuition Remission, Dec. 2002 – March 2003

Member, Interdisciplinary Program in Biomedical Sciences Advisory Board, College of Medicine, Sep.

2001 – June 2017

Chair, Recruiting & Admissions Committee, Interdisciplinary Program in Biomedical Sciences, College of Medicine, September 1997 – August 2002
Member, Curriculum Review Committee, Interdisciplinary Program in Biomedical Sciences, College of Medicine, April 1999 – August 2001
Member, Advisory Board, Interdisciplinary Program in Biomedical Sciences, Office of the Dean, College of Medicine, August 1996 – August 2001
Center for Immunology and Transplantation Committee, Dept. of Pathology, Immunology & Laboratory Medicine, August 1996 – August 2001
Computer Operations Committee, Dept. of Pathology, Immunology & Laboratory Medicine, August 1996 – August 2001
Graduate Program Committee Member, Graduate Program in Immunology & Molecular Pathology, Dept. of Pathology, Immunology & Laboratory Medicine, August 1992 – July 1997
Interdisciplinary Graduate Program in Biomedical Science Advisory Board and Core Curriculum Focus Group, Office of the Dean, College of Medicine, August 1995 – August 1996
Center for Study of Host Inflammatory Disease and Tissue Injury Committee, Dept. of Pathology, Immunology & Laboratory Medicine, July 1994 – August 1996
Graduate Studies Committee and Curriculum Committee, Center for Mammalian Genetics, January 1993 – April 1996
Graduate Coordinators Committee, College of Medicine, January 1993 – August 1994
Graduate Coordinator, Graduate Program in Mammalian Genetics, Center for Mammalian Genetics, January 1993 – August 1994
Judge, 1993 Graduate Student Forum poster session, UF Graduate Student Council

Advisory Boards

Children's Tumor Foundation (formerly the National Neurofibromatosis Foundation, Inc.), Florida Chapter
Board of Directors, July 1994 – October 2006
Treasurer, October 1994 – July 1998
Vice-President, October 1997 – October 1999
Newsletter Editor, October 2001 – October 2010
American Vitiligo Research Foundation
Medical Advisory Board, May 2003 – present

Community Service

University Park Neighborhood Association, Gainesville, FL
Member, Oct. 1992 – Oct. 1997, Board of Directors, Oct. 1992 – Jan. 1995
Raintree Neighborhood Association, Gainesville, FL
Member, April 1998 – present
Boy Scouts of America, North Florida Council, Alachua District
Cub Scout Pack 127, September 2003 – December 2009
Boy Scout Troop 125, February 2006 – December 2009
Alachua District Training Committee, August 2004 – December 2012
North Florida Council Training Committee, January 2006 – March 2020
District Training Chair, January 2006 – August 2008
Council Training Chair, May 2009 – March 2014
Faculty, Philmont Training Center, July 2013 and July 2015
Wood Badge Design National Task Force, January 2016 – April 2019
Council Wood Badge Coordinator, March 2016 – March 2020
Boy Scouts of America, National Council
National Training Committee, Oct. 2012 – Dec. 2014
Faculty, Philmont Training Center, July 2013 and July 2015

Wood Badge Design National Task Force, January 2016 – April 2019
 Director, Wood Badge Centennial Update National Pilot Course, Jan. 2018

TEACHING ACTIVITIES

- 1980-1987 Graduate Teaching Assistantships (Florida State University) for Laboratory Courses in:
 General Biology (1 term); Genetics of Higher Organisms (2 terms); General
 Physiology (1 term); and Immunology (4 terms)
- Fall 1991 Lecturer, Principles of Immunology (BMS 6314)
- Spring 1992 Lecturer, Advanced Topics in Immunology (GMS 6382)
 Lecturer, Mammalian Genetics (GMS 6333)
- Fall 1992 Discussion Group Leader, Medical Microbiology & Infectious Disease - Immunology
 (BMS 5300C)
 Co-Director and Lecturer, Principles of Immunology (GMS 6140/7934)
- Spring 1993 Lecturer, Advanced Topics in Immunology (GMS 6382)
 Lecturer, Mammalian Genetics (GMS 6333)
 Lecturer and Discussion Group Leader, Medical Aspects in Human Genetics (BMS
 5202)
- Fall 1993 Discussion Group Leader, Medical Microbiology & Infectious Disease - Immunology
 (BMS 5300C)
- Spring 1994 Director and Lecturer, Principles of Immunology (GMS 6140/7934)
 Lecturer, Mammalian Genetics (GMS 6333)
 Lecturer, Medical Aspects in Human Genetics (BMS 5202)
- Fall 1994 Lecturer and Discussion Group Leader, Medical Microbiology & Infectious Disease -
 Immunology (BMS 5300C)
 Lecturer, Advanced Topics in Immunology (GMS 6382)
- Spring 1995 Director and Lecturer, Principles of Immunology (GMS 6140/7934)
 Lecturer, Mammalian Genetics (GMS 6333)
 Lecturer, Medical Aspects in Human Genetics (BMS 5202)
- Spring 1996 Director and Lecturer, Principles of Immunology (GMS 6140/7934)
 Lecturer, Mammalian Genetics (GMS 6333)
 Lecturer, Medical Aspects in Human Genetics (BMS 5202)
- Fall 1996 Lecturer & Discussion Group Leader, General Pathology & Immunology (BMS 5608)
 Lecturer, Special Topics in Immunology (GMS 6382)
 Lecturer, Discussion Group Leader, Fundamentals of Biomedical Sciences I (GMS
 6001)
- Spring 1997 Co-Director, Lecturer, Discussion Group Leader, Fund. of Biomed. Sci. II (GMS 6002)
 Lecturer, Mammalian Genetics (GMS 6333)
 Lecturer, Medical Aspects in Human Genetics (BMS 5202)
- Fall 1997 Co-Director, Lecturer and Discussion Group Leader, General Pathology and
 Immunology (BMS 5608)
 Director and Lecturer, Molecular Immunology (GMS 6031)
 Lecturer and Discussion Group Leader, Fund. of Biomed. Sci. I (GMS 6001)
 Lecturer, Avian Diseases (VME 5162)
- Spring 1998 Co-Director, Lecturer, Discussion Group Leader, Fund. of Biomed. Sci. II (GMS 6002)
 Director and Lecturer, Principles of Immunology (GMS 6140)
- Fall 1998 Co-Director, Lecturer, Discussion Group Leader, General Pathology and Immunology
 (BMS 5608)
 Lecturer, Molecular Immunology (GMS 6031)
 Lecturer and Discussion Group Leader, Fund. of Biomed. Sci. I (GMS 6001)

- Spring 1999 Co-Director, Lecturer, Discussion Group Leader, Fund. of Biomed. Sci. II (GMS 6002)
Director and Lecturer, Principles of Immunology (GMS 6140)
- Fall 1999 Co-Director, Lecturer and Discussion Group Leader, General Pathology and
Immunology (BMS 5608)
Director, Autoimmunity (GMS 6030)
Lecturer & Discussion Group Leader, Fund. Biomedical Sciences I (GMS 6001)
- Spring 2000 Co-Director, Lecturer, Discussion Group Leader, Fund. of Biomed. Sci. II (GMS 6002)
Director and Lecturer, Principles of Immunology (GMS 6140)
- Fall 2000 Co-Director, General Pathology and Immunology (BMS 5608), Director, Patient-
Oriented Problem-Solving (POPS) sessions
Director and Lecturer, Principles of Immunology (GMS 6140), Molecular Immunology
(GMS 6031), Mechanisms of Host Defense (GMS 6032), Immunity in Health &
Disease (GMS 6033)
Lecturer, Fund. of Biomed. Sci. I (GMS 6001)
- Spring 2001 Lecturer, Fund. of Biomed. Sci. II (GMS 6002)
Lecturer, Fundamentals of Immunology & Microbiology (GMS 6006)
- Fall 2001 Co-Director, General Pathology and Immunology (BMS 5608); Director, Patient-
Oriented Problem-Solving (POPS) sessions
Director and Lecturer, Principles of Immunology (GMS 6140), Molecular Immunology
(GMS 6031), Mechanisms of Host Defense (GMS 6032), Immunity in Health &
Disease (GMS 6033)
Lecturer, Fund. of Biomed. Sci. I (GMS 6001)
- Spring 2002 Director and Lecturer, Fund. of Biomed. Sci. II (GMS 6002)
Lecturer, Fundamentals of Immunology & Microbiology (GMS 6006)
- Fall 2002 Co-Director, General Pathology and Immunology (BMS 5608); Director, Patient-
Oriented Problem-Solving (POPS) sessions
Director and Lecturer, Principles of Immunology (GMS 6140), Molecular Immunology
(GMS 6031), Mechanisms of Host Defense (GMS 6032), Immunity in Health &
Disease (GMS 6033)
Lecturer, Fundamentals of Biomedical Sciences I (GMS 6001)
- Spring 2003 Director and Lecturer, Fund. of Biomed. Sci. II (GMS 6002)
Lecturer, Fundamentals of Immunology & Microbiology (GMS 6006)
- Fall 2003 Co-Director, General Pathology and Immunology, Immunology Section (BMS 5608);
Director, Patient-Oriented Problem-Solving (POPS) sessions
Director and Lecturer, Principles of Immunology (GMS 6140), Molecular Immunology
(GMS 6031), Mechanisms of Host Defense (GMS 6032), Immunity in Health &
Disease (GMS 6033)
Lecturer, Fund. of Biomed. Sci. I (GMS 6001)
- Spring 2004 Lecturer, Fundamentals of Immunology & Microbiology (GMS 6006)
- Summer 2004 Director, Bioethics & Research Integrity (GMS 6931)
- Fall 2004 Co-Director, General Pathology and Immunology, Immunology Section (BMS 5608);
Director, Patient-Oriented Problem-Solving (POPS) sessions
Director and Lecturer, Principles of Immunology (GMS 6140), Molecular Immunology
(GMS 6031), Mechanisms of Host Defense (GMS 6032), Immunity in Health &
Disease (GMS 6033)
- Spring 2005 Director & Lecturer, Special Topics in Biomedical Sciences - Fundamentals of
Biomedical Science Education (GMS 5905)
Lecturer, Fundamentals of Immunology & Microbiology (GMS 6006)
- Summer 2005 Director, Responsible Conduct of Biomedical Research (GMS 6931)
- Fall 2005 Co-Director, General Pathology and Immunology (BMS 5608); Director, Patient-

- Oriented Problem-Solving (POPS) sessions
 Director and Lecturer, Principles of Immunology (GMS 6140), Molecular Immunology (GMS 6031), Mechanisms of Host Defense (GMS 6032), Immunity in Health & Disease (GMS 6033)
- Spring 2006 Director & Lecturer, Special Topics in Biomedical Sciences - Fundamentals of Biomedical Science Education (GMS 5905)
 Lecturer, Fundamentals of Immunology & Microbiology (GMS 6006)
- Summer 2006 Director, Responsible Conduct of Biomedical Research (GMS 7003)
- Fall 2006 Director and Lecturer, Principles of Immunology (GMS 6140), Molecular Immunology (GMS 6031), Mechanisms of Host Defense (GMS 6032), Immunity in Health & Disease (GMS 6033)
 Director and Lecturer, Fund. of Biomed. Sci. (GMS 6001)
 Director, Seminar in Biology of Disease (GMS 6901)
- Spring 2007 Director & Lecturer, Fundamentals of Biomedical Science Education (GMS 7001)
 Lecturer, Fundamentals of Immunology & Microbiology (GMS 6006)
 Director, Seminar in Biology of Disease (GMS 6901)
- Summer 2007 Director, Responsible Conduct of Biomedical Research (GMS 7003)
- Fall 2007 Director and Lecturer, Principles of Immunology (GMS 6140), Molecular Immunology (GMS 6031), Mechanisms of Host Defense (GMS 6032), Immunity in Health & Disease (GMS 6033)
 Director and Lecturer, Fund. of Biomed. Sci. (GMS 6001)
 Director, Seminar in Biology of Disease (GMS 6901)
- Spring 2008 Director & Instructor, Fundamentals of Biomedical Science Education (GMS 7001)
 Lecturer, Fundamentals of Immunology & Microbiology (GMS 6006)
 Director, Seminar in Biology of Disease (GMS 6901)
- Summer 2008 Director, Responsible Conduct of Biomedical Research (GMS 7003)
- Fall 2008 Director & Instructor, Principles of Immunology (GMS 6140), Molecular Immunology (GMS 6031), Mechanisms of Host Defense (GMS 6032), Immunity in Health & Disease (GMS 6033)
 Director & Instructor, Fundamentals of Biomedical Science (GMS 6001)
 Director & Instructor, Essentials in Grad. Research & Prof. Development (GMS 6003)
- Spring 2009 Director & Instructor, Fundamentals of Biomedical Science Education (GMS 7001)
 Director & Instructor, Responsible Conduct of Biomedical Research (GMS 7003)
- Fall 2009 Director & Instructor, Principles of Immunology (GMS 6140), Molecular Immunology (GMS 6031), Mechanisms of Host Defense (GMS 6032), Immunity in Health & Disease (GMS 6033)
 Director & Instructor, Fund. of Biomed. Sci. (GMS 6001)
 Director & Instructor, Essentials in Grad. Research & Prof. Development (GMS 6003)
- Spring 2010 Director & Instructor, Fundamentals of Biomedical Science Education (GMS 7001)
 Director & Instructor, Responsible Conduct of Biomedical Research (GMS 7003)
- Fall 2010 Director & Instructor, Principles of Immunology (GMS 6140), Molecular Immunology (GMS 6031), Mechanisms of Host Defense (GMS 6032)
 Lecturer, Fundamentals of Biomedical Science (GMS 6001)
 Director & Instructor, Essentials in Grad. Research & Prof. Development (GMS 6003)
- Spring 2011 Director & Instructor, Principles of Immunology (GMS 6140)
 Director & Instructor, Responsible Conduct of Biomedical Research (GMS 7003)
- Fall 2011 Instructor, Fundamentals of Biomedical Science (GMS 6001)
 Director & Instructor, Essentials in Grad. Research & Prof. Development (GMS 6003)
 Director & Instructor, Clinical & Translational Science Journal Club (GMS 6895)
 Director & Instructor, Fundamentals of Biomedical Science Education (GMS 7001)

- Spring 2012 Director & Instructor, Principles of Immunology (GMS 6140)
 Director & Instructor, Responsible Conduct of Biomedical Research (GMS 7003)
- Summer 2012 Director & Instructor, Clinical & Translational Science Practicum (GMS 6845)
- Fall 2012 Instructor, Fundamentals of Biomedical Science (GMS 6001)
 Director & Instructor, Essentials in Grad. Research & Prof. Development (GMS 6003)
 Director & Instructor, Clinical & Translational Science Journal Club (GMS 6895)
 Director & Instructor, Fundamentals of Biomedical Science Education (GMS 7001)
 Instructor, Genetics and Health (BMS 6003)
 Instructor, Essentials of Patient Care III (BMS 6830)
- Spring 2013 Director & Instructor, Principles of Immunology (GMS 6140)
 Director & Instructor, Responsible Conduct of Biomedical Research (GMS 7003)
 Instructor, Introduction to Clinical Medicine II (BMS 6812)
 Instructor, Essentials of Patient Care IV (BMS 6834)
- Fall 2013 Instructor, Fundamentals of Biomedical Science (GMS 6001)
 Director & Instructor, Essentials in Grad. Research & Prof. Development (GMS 6003)
 Director & Instructor, Clinical & Translational Science Journal Club (GMS 6895)
 Director & Instructor, Fundamentals of Biomedical Science Education (GMS 7001)
 Instructor, Genetics and Health (BMS 6003)
 Instructor, Essentials of Patient Care III (BMS 6830)
- Spring 2014 Director & Instructor, Principles of Immunology (GMS 6140)
 Director & Instructor, Responsible Conduct of Biomedical Research (GMS 7003)
 Instructor, Essentials of Patient Care IV (BMS 6834)
- Fall 2014 Instructor, Fundamentals of Biomedical Science (GMS 6001)
 Director & Instructor, Essentials in Grad. Research & Prof. Development (GMS 6003)
 Director & Instructor, Clinical & Translational Science Journal Club (GMS 6895)
 Director & Instructor, Fundamentals of Biomedical Science Education (GMS 7001)
 Instructor, Principles of Ethical Engineering Practice (ESI 6912)
- Spring 2015 Director & Instructor, Principles of Immunology (GMS 6140)
 Director & Instructor, Responsible Conduct of Biomedical Research (GMS 7003)
 Instructor, Essentials of Patient Care IV (BMS 6834)
- Fall 2015 Instructor, Fundamentals of Biomedical Science (GMS 6001)
 Director & Instructor, Essentials in Grad. Research & Prof. Development (GMS 6003)
 Director & Instructor, Team Science (GMS 5905)
 Director & Instructor, Fundamentals of Biomedical Science Education (GMS 7001)
- Spring 2016 Director & Instructor, Principles of Immunology (GMS 6140)
 Director & Instructor, Responsible Conduct of Biomedical Research (GMS 7003)
 Instructor, Essentials of Patient Care IV (BMS 6834)
 Instructor, Translational Research and Therapeutics: Bench, Bedside, Community, & Policy (GMS 6847)
- Summer 2016 Instructor, Introduction to Clinical and Translational Research (GMS 7093)
- Fall 2016 Instructor, Fundamentals of Biomedical Science (GMS 6001)
 Director & Instructor, Essentials in Grad. Research & Prof. Development (GMS 6003)
 Director & Instructor, Team Science (GMS 5905)
 Director & Instructor, Fundamentals of Biomedical Science Education (GMS 7001)
 Instructor, Translational Research and Therapeutics: Bench, Bedside, Community, & Policy (GMS 6847)
- Spring 2017 Director & Instructor, Principles of Immunology (GMS 6140)
 Director & Instructor, Responsible Conduct of Biomedical Research (GMS 7003)
- Summer 2017 Instructor, Introduction to Clinical and Translational Research (GMS 7093)
- Fall 2017 Director & Instructor, Essentials in Grad. Research & Prof. Development (GMS 6003)

Director & Instructor, Team Science (GMS 6945)
 Director & Instructor, Fundamentals of Biomedical Science Education (GMS 7950)
 Instructor, Translational Research and Therapeutics: Bench, Bedside, Community, & Policy (GMS 6847)

Spring 2018 Director & Instructor, Principles of Immunology (GMS 6140)
 Director & Instructor, Responsible Conduct of Biomedical Research (GMS 7877)

Summer 2018 Instructor, Introduction to Clinical and Translational Research (GMS 7093)

Fall 2018 Director & Instructor, Essentials in Grad. Research & Prof. Development (GMS 6003)
 Director & Instructor, Team Science (GMS 6945)
 Instructor, Translational Research and Therapeutics: Bench, Bedside, Community, & Policy (GMS 6847)

Spring 2019 Director & Instructor, Principles of Immunology (GMS 6140)
 Director & Instructor, Responsible Conduct of Biomedical Research (GMS 7877)

Summer 2019 Instructor, Introduction to Clinical and Translational Research (GMS 7093)

Fall 2019 Director & Instructor, Essentials in Grad. Research & Prof. Development (GMS 6003)
 Director & Instructor, Team Science (GMS 6945)
 Instructor, Translational Research and Therapeutics: Bench, Bedside, Community, & Policy (GMS 6847)

Spring 2020 Director & Instructor, Principles of Immunology (GMS 6140)
 Director & Instructor, Responsible Conduct of Biomedical Research (GMS 7877)

Summer 2020 Instructor, Introduction to Clinical and Translational Research (GMS 7093)

Fall 2020 Director & Instructor, Team Science (GMS 6945)
 Director & Instructor, Fundamentals of Biomedical Science Education (GMS 7001)
 Co-Director & Instructor, Translational Research and Therapeutics: Bench, Bedside, Community, & Policy (GMS 6847)

TRAINEES

Graduate Students	Deborah M. Herbstman, Ph.D., Sep 2005 - Aug 2009 (Co-Chair) Christin D. Collins, Ph.D., Jun 2002 - Apr 2005 (Co-Chair) Qingguo Ruan, Ph.D., Aug 2000 - Aug 2004 (Co-Chair) Courtney B. Casp, Ph.D., May 1999 - Dec 2003 Deborah L. Kristensen Fischer, M.S., May 1999 - May 2000 Edmund C. Leung, Ph.D., Aug 1992 - May 1998 Olorunseun Ogunwobi, M.S., Oct 2013 - Dec 2013 Walter W. Aller, Jr., Ph.D., Jul 1994 - Jan 1997
Postdoctoral Fellows	F. Javier Sanchez-Garcia, Ph.D., Sep 1994 - Feb 1997 Kasinathan Muralidharan, Ph.D., Jan - Aug 1993
Undergraduates	Shane Perkins, B.S. (Honors Thesis), Jan - Dec 1998 Bryan Riggeal, B.S. (University Scholar), May 2002 - May 2003

DISSERTATION/THESIS COMMITTEES

Past:

Walter W. Aller, Ph.D., Molecular Genetics & Microbiology, Jan 1995 - Jan 1997
 Jonathan Blake, M.S., Pathobiology, College of Vet. Med., Aug 1996 - Apr 1997
 Maria Elena Bottazzi, Ph.D., Pathology, Immunology, & Lab. Medicine, Jun 1994 - Aug 1995
 Michael A. Brooks, M.D./Ph.D. Candidate, Mol. Genetics & Microbiology, Oct 1992 - Oct 1995
 Courtney B. Casp, Ph.D., Medical Sciences (Immunology & Microbiology), May 1999 - Dec 2003

Christin D. Collins, Ph.D., Medical Sciences (Genetics), Jun. 2002 - Apr 2005
Jennifer Davids, Ph.D., Medical Sciences (Immunology & Microbiology), Aug 2012 - May 2013
Chris Detter, Ph.D. Candidate, Mol. Genetics & Microbiology, Oct 1996 - Aug 1999
John Elyar, Ph.D., Veterinary Medical Sciences, Jan 2000 - May 2005
Deborah L. Kristensen Fischer, M.S., Pathology (Clinical Chemistry), May 1999 - May 2000
Juehua Gao, Ph.D., Medical Sciences (Immunology & Microbiology), Sep 2003 - Dec 2004
Jayashree A. Gokhale, Ph.D., Pathology, Immunology, & Lab. Medicine, Dec 1992 - Aug 1995
Deborah M. Herbstman, Ph.D., Medical Sciences (Genetics), Sep 2005 - Aug 2009
Eric A. Heskett, Ph.D., Large Animal Clin. Med., Coll. Vet. Med., May 1999 - May 2003
Diane Hulse, Ph.D. Candidate, Veterinary Medical Sciences, Jan 2000 - Dec 2002
Karen Jackson, Ph.D., Pathology, Immunology, & Lab. Medicine, Dec 1992 - Aug 1995
Crystal A. Jones, Ph.D. M.S., Medical Sciences (Genetics), Sep 2016 - Dec 2018
Edmund C. Leung, Ph.D., Pathology, Immunology, & Lab. Med., Mar 1993 - May 1998
Kui Liu, Ph.D., Pathology, Immunology, & Lab. Med., Jul 1994 - Dec 1998
Amelia Luengo, Ph.D., Dairy & Poultry Science, College of Agric., Aug 1996 - May 1998
Clark MacCullough, M.S., Dairy & Poultry Sci., College of Agric., Aug 1998 - Dec 1999
Patrick Meeus, Ph.D. Candidate, Pathobiology, Coll. Vet. Med., May 1999 - Dec 2002
Anuradha Menon, M.S., Molecular Genetics & Microbiology, Dec 1993 - Dec 1995
Jennifer B. Moore, Ph.D., Food Science & Human Nutrition, Aug 1998 - Dec 2002
Christy Myrick, Ph.D., Pathology, Immunology, & Lab. Med., Sep 1993 - Aug 1996
Traci Ness, Ph.D., Molecular Genetics & Microbiology, Oct 1996 - Apr 2001
Olorunseun Ogunwobi, M.S., Med. Sci. (Clinical & Translational Science), Oct 2013 - Dec 2013
Morgan Peltier, Ph.D., Dairy & Poultry Science, College of Agric., Jul 1997 - Dec 1999
Elena Perez, M.D.-Ph.D., Pathology, Immunology, & Lab. Med., Aug 1995 - May 1998
Qingguo Ruan, Ph.D., Medical Sciences (Genetics), Aug 2000 - Aug 2004
Ramelle Ruff, M.S., Pathology, Immunology, & Lab. Medicine, Apr 1994 - Dec 1995
Baodong Sheng, Ph.D., Pathology, Immunology, & Lab. Medicine, Jul 1992 - Dec 1995
Patricia R. Slev, Ph.D., Pathology, Immunology, & Lab. Med., Mar 1994 - Dec 1996
Saban Tekin, Ph.D., Dairy & Poultry Science, College of Agric., Jan 1998 - May 2002
Michael Wiggins, M.S., Pathology, Immunology, & Lab. Med., Jul 1996 - Aug 1998
Karrune Woan, M.D.-Ph.D., Medical Sciences (Immunology & Microbiology), Aug 2008 - May 2012

PEER REVIEWED PUBLICATIONS

1. McCormack, W.T. & K.H. Roux. 1982. Monoclonal antibodies specific for the b5 allotype of rabbit kappa light chains. *Hybridoma* 2:97-107.
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6. McCormack, W.T., L.W. Tjoelker, L.M. Carlson, B. Petryniak, C.F. Barth, E.H. Humphries & C.B. Thompson. 1989. Chicken IgL gene rearrangement involves deletion of a circular

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 11. McCormack, W.T. & C.B. Thompson. 1990. Chicken IgL variable region gene conversions display pseudogene donor preference and 5' to 3' polarity. Genes Dev. 4:548-558.
 12. Tjoelker, L.W., L.M. Carlson, K. Lee, J. Lahti, W.T. McCormack, J.M. Leiden, C.H. Chen, M.D. Cooper & C.B. Thompson. 1990. Evolutionary conservation of antigen recognition: The chicken T cell receptor β chain. Proc. Natl. Acad. Sci. USA 87: 7856-7860.
 13. Roux, K.H., P. Dhanarajan, V. Gottschalk, W.T. McCormack & R. Renshaw. 1991. Latent $\alpha 1$ VH germline genes in an $\alpha 2\alpha 2$ rabbit: Evidence for gene conversion at both the germline and somatic levels. J. Immunol. 146:2027-2036.
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 27. Kou, Z.C., J.S. Puhr, M. Rojas, W.T. McCormack, M.M. Goodenow, & J.W. Sleasman. 2000. T-cell receptor V β repertoire CDR3 length diversity differs within CD45RA and CD45RO T-cell subsets in healthy and human immunodeficiency virus-infected children. *Clin. Diag. Lab. Immunol.* 7:953-959.
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 44. McCormack WT, Garvan CW. 2014. Team-Based Learning Instruction for Responsible Conduct of Research Positively Impacts Ethical Decision-Making. Accountability in Research 21(1):34-49. doi: 10.1080/08989621.2013.822267. PMID: 24073606
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 47. Burns CM, McCormack WT, Wragg S. 2014. TBL Oversight for Continuous Quality Improvement and Acceptance. Medical Science Educator 10.1007/s40670-014-0033-2.
 48. Haidet P, Kubitz K, McCormack WT. 2014. Analysis of the Team-Based Learning Literature: TBL Comes of Age. Journal on Excellence in College Teaching 25(3&4):303-333
 49. Specter S, Kahn MJ, Lazarus C, Prislin M, Wong JG, O'Donnell J, McCormack WT, Kavan MG, López AM, House A, Chen R. 2015. Gold Humanism Honor Society Election and Academic Outcomes: A 10 Institution Study. Family Medicine 47(10):770-775
 50. Black E, Blue A, Davidson R, McCormack W. 2016. Using Team Based Learning in a Large Interprofessional Health Science Education Experience. J. Interprofessional Education & Practice 5:19-22.
 51. Jin Y, Andersen G, Yorgov D, Ferrara TM, Ben S, Brownson KM, Holland PJ, Birlea SA, Siebert J, Hartmann A, Lienert A, van Geel N, Lambert J, Luiten RM, Wolkerstorfer A, Wietze van der Veen JP, Bennett DC, Täieb A, Ezzedine K, Kemp EH, Gawkrödger DJ, Weetman AP, Köks S, Prans E, Kingo K, Karelson M, Wallace MR, McCormack WT, Overbeck A, Moretti S, Colucci R, Picardo M, Silverberg NB, Olsson M, Valle Y, Korobko I, Böhm M, Lim HW,

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53. Verderame MF, Freedman VH, Kozlowski LM, McCormack WT. 2018. Competency-Based Assessment for the Training of PhD Scientists. eLife 7:e34801 DOI: 10.7554/eLife.34801.
54. Sebastian M, Robinson MA, Dumeny L, Dyson KA, Fantone JC, McCormack WT, May WS. 2019. Training methods that improve MD-PhD student self-efficacy for clinical research skills. Journal of Clinical & Translational Science. DOI: doi.org/10.1017/cts.2019.419.
55. McCormack WT, Bredella MA, Ingbar DH, Jackson RD, Meagher E, Morris C, Nagel JD, Pusek S, Rubio DM, Sandberg S, Schnaper HW, Tsevat J, Umans JG, McIntosh S. 2020. Immediate Impact of the COVID-19 Pandemic on CTSA TL1 and KL2 Training and Career Development. Journal of Clinical & Translational Science. DOI: doi.org/10.1017/cts.2020.504.
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BOOK CHAPTERS AND MONOGRAPHS

1. McCormack, W.T. & C.B. Thompson. 1990. Somatic diversification of the chicken immunoglobulin light chain gene. Adv. Immunol. 48:41-67.
2. McCormack, W.T., L.W. Tjoelker & C.B. Thompson. 1991. Avian B cell development: Generation of an immunoglobulin repertoire by gene conversion. Annu. Rev. Imm. 9:219-241.
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4. McCormack, W.T. & C.B. Thompson. 1993. Special features of the development of the chicken humoral immune system. Res. Immunol. 144:467-476.
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1. McCormack, W.T. & K.H. Roux. 1982. Monoclonal antibodies specific for rabbit light chains bearing the b5 allotype. Fed. Proc. 41:595.
2. McCormack, W.T. & K.H. Roux. 1984. Analysis of the rabbit anti-a1 IdX using heterologous anti-Id antibodies. Fed. Proc. 43:1742.
3. Laster, S.M., W.T. McCormack, W.F. Marzluff & K.H. Roux. 1985. Nucleotide sequence analysis and evolutionary significance of VH genes of the rabbit VHIII subgroup. ICSU Short Reports - Adv. Gene Technol. 2:219-220.
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 11. McCormack, W.T. & C.B. Thompson. 1990. Generation of diversity in the chicken IgL variable region by gene conversion - A molecular model. J. Cell. Biochem. suppl. 14D:242.
 12. Tjoelker, L.W., L.M. Carlson, W.T. McCormack & C.B. Thompson. 1990. Cloning and characterization of the avian T cell receptor β gene locus. FASEB J. 4:231.
 13. McCormack, W.T. & C.B. Thompson. 1991. Meiotic gene conversion in chickens and its implications for the introduction of foreign DNA into the avian germline by homologous recombination. J. Cell. Biochem. suppl. 15E:207.
 14. Pickel, J.M., W.T. McCormack, C.H. Chen, C.B. Thompson & M.D. Cooper. 1991. Immunoglobulin gene rearrangement and B lineage marker expression in avian embryos. FASEB J. 5(4): A604.
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25. McCormack, W.T., Bradley, C.A., D. Kristensen, J.X. She. 2001. Genetics of vitiligo susceptibility: Association studies of immune response genes. Pigment Cell Res. 14(3):231.
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28. McCormack, W.T., C.W. Garvan. 2010. Using team-based learning (TBL) to teach immunology to biomedical science graduate students. J. Immunol. 184: 41.2.
29. Dumeny, L., Chu Hsiao, Cavallari, L., Mulligan, C., & McCormack, W. 2018. TL1 team approach to social and genetic determinants of nocturnal blood pressure. J. Clinical and Translational Science 2(S1), 62-62. doi:10.1017/cts.2018.231.
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OTHER PUBLICATIONS

1. Strekalova, Y.A. & McCormack, W. 2020. How to start a strategic research conversation with a stranger. <https://medium.com/@yuliastrekalova/how-to-start-a-strategic-research-conversation-with-a-stranger-c4335367f651>.
2. Strekalova, Y.A. & McCormack, W.T. 2020. Guiding collaborative conversations and connections with probing questions. Integration and Implementation Insights <https://i2insights.org/2020/06/02/questions-to-catalyse-collaborations/>.

INVITED LECTURES AND PRESENTATIONS

- Cold Spring Harbor Laboratory Meeting: Intermediates in Genetic Recombination. “Ig λ V-J gene rearrangement in chicken bursal lymphocytes.” September 1988.
- 7th International Congress of Immunology Workshop: Microenvironments and Cell Interactions in the Ontogeny of B Cells. “Bursal selection of productively rearranged IgL genes during chicken development.” August 1989.
- University of Toronto Immunology Department Seminar. “The mechanism of somatic diversification of the chicken immunoglobulin light chain gene is intrachromosomal gene conversion.” November 1989.
- Florida State University Department of Biological Science, Genetics and Cell Biology Seminar. “Somatic diversification of chicken immunoglobulin genes by gene conversion.” January 1990.
- National Institutes of Health, National Institute of Allergy & Infectious Diseases, Bethesda, MD. “Generation of somatic antibody diversity by gene conversion.” March 1991.
- USDA Avian Disease and Oncology Laboratory, East Lansing, MI. “Generation of somatic diversity in chicken B cells.” April 1991.
- UF Center for Mammalian Genetics, College of Medicine. “How do I find the chicken T-cell receptor gamma and delta genes?” November, 1991.
- UF Division of Clinical Immunology, Rheumatology & Allergy, Dept. of Medicine, College of Medicine. “Gene conversion in B lymphocytes.” Spring, 1992.
- UF Center for Mammalian Genetics, College of Medicine. “Somatic gene conversion: regulation and function.” April, 1994.
- UF Division of Clinical Immunology, Rheumatology & Allergy, Dept. of Medicine, College of

- Medicine. "Gamma/delta T cell function." Fall, 1994.
- International Workshop on Immunology & Developmental Biology of the Chicken, Basel Institute for Immunology, Basel, Switzerland. "Chicken gamma/delta T cells." December 1994. (was unable to attend due to family medical emergency)
- University of Alabama at Birmingham, Howard Hughes Medical Institute. "Chicken gamma/delta T cells." April 1995.
- UF Center for Mammalian Genetics, College of Medicine. "Genetics and function of $\gamma\delta$ T cells." November, 1995.
- UF College of Agriculture, Institute for Food & Agricultural Science, Dept. of Dairy & Poultry Science. "The function of the bursa of Fabricius: A molecular immunologist's point of view." January 1996.
- UF Division of Clinical Immunology, Rheumatology & Allergy, Dept. of Medicine, College of Medicine. "Unique activation status of intraepithelial lymphocytes." October 1996.
- UF Center for Mammalian Genetics, College of Medicine. "Immunogenetics of vitiligo in the Smyth line chicken animal model." January, 1997.
- UF Division of Dermatology & Cutaneous Surgery, Dept. of Medicine, College of Medicine. "Immunogenetics of vitiligo." June 11, 1998.
- National Vitiligo Foundation Symposium 2000, San Francisco, CA. "Genetics of vitiligo susceptibility", March, 2000.
- American Vitiligo Research Foundation Symposium, Clearwater, FL. "Genetics of vitiligo susceptibility", April, 2001.
- AAMC Southern Group on Educational Affairs (SGEA) Annual Meeting, "Promoting Lifelong Learning From Ideas to Results", Charleston, SC. Poster Presentation "Simplifying Medical Student Summative Peer Evaluation of Clinical Competence", March, 2002.
- AAMC Southern Group on Educational Affairs (SGEA) Annual Meeting, "Promoting Lifelong Learning From Ideas to Results", Charleston, SC. Roundtable Discussion Organizer "Implementing Medical Student Peer Evaluation Programs", March, 2002.
- American Vitiligo Research Foundation Symposium, Clearwater, FL. Invited Panel Discussion Member, April, 2002.
- The Gold Humanism Honor Society Workshop, New York, NY. "Peer review process - School-wide process and its use in selecting candidates for the GHHS chapter", July 2002.
- AAMC Annual Meeting, Small Group Discussant, San Francisco, CA. "Peer Assessment In Undergraduate Medical Education: An Interesting Challenge", November 2002.
- Arnold P. Gold Foundation Barriers Conference "Enhancing the Culture of Medical Education: Assessing Humanistic Growth and Mission", New York, NY. "Can Peer Assessment Serve as a Tool to Provide Consistent Measures of Humanistic Qualities?", January 2003.
- AAMC Southern Group on Educational Affairs (SGEA) Annual Meeting, "Competencies Across the Curricular Continuum", Miami, FL. Poster Presentation "Use Of Peer Evaluation To Identify Exemplars Of Humanistic Behavior", April 2003.
- American Vitiligo Research Foundation Symposium, Clearwater, FL. Invited Speaker and Panel Discussion Member, July, 2003.
- AAMC Annual Meeting, Washington, DC. Small Group Discussant, "Initiating A Humanism In Medicine Honor Society: Opportunity And Challenge", November 2003.
- American Vitiligo Research Foundation Symposium, Clearwater, FL. Invited Speaker and Panel Discussion Member, "Vitiligo 101: What We Know & What We Don't Know About the Causes of Vitiligo", August, 2004.
- AAMC Southern Group on Educational Affairs (SGEA) Annual Meeting, "Closing the Loop: Integrating Curriculum, Competence and Feedback", Winston-Salem, NC, Small Group Discussant, "Initiating a Humanism in Medicine Honor Society: Opportunity and Challenge", April 2004.

- Office of Research Integrity Research Conference on Research Integrity, Tampa, FL, Invited Poster and Session Chair, “Use of Team-Based Learning in Teaching Responsible Conduct of Research to First-Year Biomedical Science Graduate Students”, December 2006.
- AAMC Southern Group on Educational Affairs (SGEA) Annual Meeting, “Launching Changes in Medical Education”, Louisville, KY. Poster Presentation “Use of Team-Based Learning in Graduate Education for Ph.D. Students in the Biomedical Sciences”, April 2007.
- American Vitiligo Research Foundation Symposium, Clearwater, FL. Invited Speaker and Moderator, “Envisioning the Future of the American Vitiligo Research Foundation”, June 2007.
- AAMC Graduate Research, Education and Training (GREAT) Group Annual Meeting, Providence, RI, Platform Presentation, “Interdisciplinary Program (IDP) in Biomedical Sciences”, 5-Minute Talk, “Use of Team-Based Learning in Graduate Education for Ph.D. Students in the Biomedical Sciences”, Breakout Session Organizer, October 2007.
- AAMC Southern Group on Educational Affairs (SGEA) Annual Meeting, “Medical Education: Balancing Learning Strategies and Technologies”, Nashville, TN. Workshop Presentation “Peer Review of Teaching Study: Designing, Implementing, and Evaluating a National Faculty Development Program to Peer Review Teaching Based on an Observation and Feedback Process”, April 2008.
- American Vitiligo Research Foundation Symposium, Clearwater, FL. Moderator. July 2008.
- International Association of Medical Science Educators (IAMSE) Annual Meeting, Salt Lake City, UT, “Use of Team-Based Learning in Graduate Education in the Biomedical Sciences”, Poster and Workshop presentation, July 2008.
- Team-Based Learning Collaborative, Austin, TX. Poster and workshop presentation “Team-Based Learning Enhances Biomedical Sciences Graduate Education”, March 2009.
- American Vitiligo Research Foundation Symposium, Clearwater, FL. Invited Speaker and Moderator, “What is Vitiligo?”, July 2009.
- AAMC Graduate Research, Education and Training (GREAT) Group Annual Meeting, St. Louis, MO, Workshop, “Team-Based Learning in Biomedical Science Graduate Education”, Session Moderator “New Tools and New Learners: Approaches for Teaching Future Scientists”, October 2009.
- Symposium for Teaching & Learning with Technology, UF Health Sciences Center, “MedEdPORTAL: Sharing Educational Resources”, March 2010.
- Team-Based Learning Collaborative, New Orleans, LA. Poster presentation “Using Team-Based Learning to Liven Up Responsible Conduct of Research (RCR) Training for Biomedical Science Graduate Students and Postdocs”, March 2010.
- AAMC Southern Group on Educational Affairs (SGEA) Annual Meeting, “Emerging Issues in Medical Education: Competencies, Collaboration & Communication”, Oklahoma City, OK. Workshop Presentation “Team Based Learning: An Interactive Alternative to Lecture-Based Teaching”, April 2010.
- American Association of Immunologists, Baltimore, MD. Poster presentation “Using team-based learning (TBL) to teach immunology to biomedical science graduate students”, May 2010.
- Assoc. of Directors of Med. Student Educ. in Psychiatry 36th Annual Meeting. Averbuch R, Garvan C, McCormack WT. Addition of Video Clips to Psychiatry Lectures Enhances Long-Term Retention and Improves Attitudes about Learning, Poster presentation (2010 Outstanding Innovation in Medical Education Poster Award), Jackson Hole, WY, June 2010.
- University of Virginia Microbiology Department. Invited Seminar “Team-Based Learning (TBL) to Teach Immunology to Biomedical Science Graduate Students”, June 2010.
- University of Virginia Undergraduate Medical Education Curriculum Committee. Invited Workshop “Team Based Learning: An Interactive Alternative to Lecture-Based Teaching”, July 2010.
- American Vitiligo Research Foundation Symposium, Clearwater, FL. Moderator. July 2010.
- Gold Humanism Honor Society 4th Biennial Meeting, Poster presentation by Chheda P, Turner A,

- McCormack WT, & Stoyan-Rosenzweig N. “GHHS Service Projects - Spreading Humanism: How Participation Cultivates Humanism in GHHS Members”, Dallas, TX, October 7-10, 2010. Gold Humanism Honor Society 4th Biennial Meeting, Invited Panelist “The Power of Mentoring”, Dallas, TX, October 7-10, 2010.
- AAMC Graduate Research, Education and Training (GREAT) Group Annual Meeting “Enhancing Diversity and Sustaining Career Success” Workshop “MedEdPORTAL, Educational Scholarship & Graduate Education: Tools & Resources” with Michael Selah. New Orleans, LA. October 21-23, 2010.
- AAMC Graduate Research, Education and Training (GREAT) Group Annual Meeting “Enhancing Diversity and Sustaining Career Success”, Session Organizer and Co-Moderator, “Training for Diverse Careers”. New Orleans, LA. October 21-23, 2010.
- Albert Einstein University College of Medicine. Invited Seminar “Using Team-Based Learning (TBL) to Teach Biomedical Science Graduate Students”, December 2010.
- Albert Einstein University College of Medicine. Invited Workshop “Team-Based Learning: An Exciting & Interactive Alternative to Lecture-Based Teaching”, December 2010.
- Team-Based Learning Collaborative Annual Meeting. Invited Workshop “Turning Teaching Into Scholarship”, March 2011.
- University of North Texas Health Science Center. Invited Seminar “MedEdPORTAL and Educational Scholarship: Tools & Resources”, March 2011.
- University of North Texas Health Science Center. Invited Seminar “Using Team-Based Learning (TBL) to Teach Biomedical Science Graduate Students”, March 2011.
- University of North Texas Health Science Center. Invited Workshop “Team-Based Learning An Exciting & Interactive Alternative to Lecture-Based Teaching”, March 2011.
- AAMC Southern Group on Educational Affairs (SGEA) Annual Meeting, “Leadership and Advocacy in Medicine”, Houston, TX. Workshop Presentation “Team Based Learning: An Interactive Alternative to Lecture-Based Teaching”, April 2011.
- Interdisciplinary Program in Biomedical Sciences, University of Florida College of Medicine. Convocation Address “Advocacy and Leadership in Biomedical Research”, April 2011.
- International Association of Medical Science Educators (IAMSE) Annual Meeting, St. Petersburg, FL, “Enhancing Opportunities for Professionalism Development in Basic Science Courses”, Workshop presentation, June 2011.
- Dermatology Grand Rounds, UF Department of Medicine, “Genetics of Susceptibility to Vitiligo and Implications for Future Therapy”, September 2011
- Penn State University College of Medicine. Invited Workshop “Team-Based Learning: An Interactive Alternative to Lecture-Based Teaching”, December 2011.
- Boy Scouts of America. Invited Workshop “Team-Based Learning: An Exciting & Interactive Alternative to Lecture-Based Teaching”, Irving, TX, January 2012.
- UF College of Pharmacy. Invited Workshop “Team-Based Learning: An Interactive Alternative to Lecture-Based Teaching”, February 2012.
- UF Health Science Center Faculty Development. Invited Workshop “Team-Based Learning: An Interactive Alternative to Lecture-Based Teaching”, February 2012.
- Team-Based Learning Collaborative Annual Meeting. Invited Workshop “Turning Teaching Into Scholarship”, March 2012.
- Office of Research Integrity, Quest for Research Excellence Conference, Poster Presentation “Team-Based Learning (TBL) Engages Biomedical Science Graduate Students and Postdocs in RCR Training”, March 2012
- UF Graduate School. Invited Seminar “Ethics in Academia & Research: An Introduction to Ethical Decision-Making”, March 2012.
- University of Alabama at Birmingham. Invited Seminar “Using Team-Based Learning (TBL) to Engage Biomedical Science Trainees in Responsible Conduct of Research (RCR) Training”,

- June 2012.
- University of Alabama at Birmingham. Invited Workshop “Team-Based Learning: An Exciting & Interactive Alternative to Lecture-Based Teaching”, June 2012.
- University of North Texas Health Science Center. Invited Workshop “Team-Based Learning (TBL) in the Health Sciences: What Is TBL and Why Does It Work?”, July 2012.
- University of North Texas Health Science Center. Invited Workshop “Assessing TBL at UNT HSC & Turning Teaching Into Scholarship”, July 2012.
- UF College of Business. July 2012. Invited Workshop “Team-Based Learning: An Exciting & Interactive Alternative to Lecture-Based Teaching”
- AAMC Graduate Research, Education and Training (GREAT) Group Annual Meeting “Leading Change, Looking Forward: New Visions for Tomorrow’s Biomedical Science”, Nashville, TN, September 20-22, 2012. Plenary Session Speaker “New and Different Models for Research Education; Workshop Organizer and Presenter “Training To Do Team Science”.
- Gold Humanism Honor Society 5th Biennial Conference. Chicago, IL, October 2012. Two Poster presentations:
“Relationship Between GHHS Membership and Selection of a Primary Care Residency: A 5 Year Multi-Institutional Study” poster presentation with Steven Specter, *et al.*
“Honor Societies and Service Projects: How to Start and Where To Stop” poster presentation with Nina Stoyan-Rosenzweig.
- Boy Scouts of America. Invited Seminar. “Team-Based Learning: Taking the Patrol Method to a Higher Level for Training”, Cimarron, NM, November 2012.
- UF College of Dentistry. Invited Workshop “Team-Based Learning: An Exciting & Interactive Alternative to Lecture-Based Teaching”, December 2012.
- UF College of Veterinary Medicine. Invited Workshop “Team-Based Learning: An Exciting & Interactive Alternative to Lecture-Based Teaching”, January 2013.
- Team-Based Learning Collaborative Annual Meeting. Invited Workshops “Turning Teaching Into Scholarship” and “To Boldly Go Where No One Has Gone Before: Successful Implementation of TBL”, San Diego, CA, March 2013.
- Office of Research Integrity (DHHS), Invited Speaker, “ORI at 20: Reassessing Research Integrity 2013” Meeting, “Using Team-Based Learning to Engage Biomedical Science Trainees in RCR Training”, Baltimore, MD, April 2013.
- UF College of Medicine, Jacksonville. “MedEdPORTAL: Publications, iCollaborative, and CE Directory”, April 2013.
- International Association of Medical Science Educators (IAMSE) Annual Meeting. Invited Workshop “Team-Based Learning: An Exciting & Interactive Alternative to Lecture-Based Teaching”, University of St. Andrews, Scotland, June 2013.
- Science of Team Science Annual Meeting. Invited Seminar, “Facilitating (Learning) Interdisciplinary Research with Team-Based Learning (TBL)”. Evanston, IL, June 2013.
- Boy Scouts of America. Invited Faculty for Week-long Adult Leadership Conference. “The Patrol Method”, Philmont Training Center, Cimarron, NM, August 2013.
- AAMC Graduate Research, Education and Training (GREAT) Group Annual Meeting “Evolution of the Training Paradigm: Developing the Biomedical Workforce of the Future”, Atlanta, GA, September 19-21, 2013. Concurrent Session Speaker and Poster “Competencies for the Biomedical Science PhD” with Victoria Freedman, Lisa Kozlowski, and Michael Verderame; Poster “Team-Based Learning Instruction for Responsible Conduct of Research Positively Impacts Ethical Decision-Making” with Cynthia W. Garvan.
- UF College of Medicine Faculty Development. Invited Seminar “Engaging Learners to the Max with Team-Based Learning”, October 2013.
- Team-Based Learning Collaborative Annual Meeting. Invited Workshop “Turning Teaching Into Scholarship”, Fort Worth, TX, March 2014.

- University of Mississippi Medical Center. Invited Workshop “Turning Biomedical Science Teaching Into Scholarship”, Jackson, MS, April 2014.
- UF Clinical & Translational Science Institute Research Day. Invited Seminar “Working Toward Responsible Conduct of Research (RCR) Training That Works”, June 2014.
- UF Office of Postdoctoral Affairs, Workshop “Team-Based Learning: An Exciting & Interactive Alternative to Lecture-Based Teaching”, July 30, 2014
- Science of Team Science (SciTS) Annual Meeting, Seminar “Facilitating (Learning) Interdisciplinary Research with Team-Based Learning (TBL)”, August 2014
- University of Alabama at Birmingham. Invited Workshop “Team-Based Learning A Powerful Alternative to Lecture”, September 2014.
- AAMC Graduate Research, Education and Training (GREAT) Group Annual Meeting, Ft. Worth, TX, September 18-20, 2014. Poster “Working Toward Effective RCR Training That Supports Ethical Decision-Making”
- Gold Humanism Honor Society 6th Biennial Conference. Atlanta, GA, October 2014. Poster presentation: GHHS “Effects of Early Peer Nomination on Rankings of Medical Student Clinical Competence and Caring: Can Students Be Selected for GHHS After Two Years of Medical School?”
- UF College of Medicine Curriculum Committee, Invited Workshop “Team-Based Learning: An Exciting & Interactive Alternative to Lecture-Based Teaching”, November 18, 2014
- UF Dermatology Grand Rounds, Seminar “Genetics of Susceptibility to Vitiligo and Implications for Future Therapy”, with Margaret Wallace, PhD, November 21, 2014
- UF College of Medicine Curriculum Committee, Invited Talk “Successful Implementation of Team-Based Learning (TBL)”, January 31, 2015
- UF College of Medicine Faculty Affairs & Professional Development, Workshop “Team-Based Learning: Using a Flipped Classroom to Engage Learners in Problem-Solving and Decision-Making”, January 28, 2015
- Team-Based Learning Collaborative (TBLC) Annual Meeting. Poster “Using Team-Based Learning To Support Ethical Decision-Making in Responsible Conduct of Research (RCR) Courses”, St. Petersburg, FL, March 5-7, 2015
- Conference of Southern Graduate Schools Annual Meeting, Presentation “Working Toward Effective RCR Training That Supports Ethical Decision-Making”, J. Engler et al., March 5-8, 2015
- Experimental Biology Annual Meeting, American Society for Pharmacology and Experimental Therapeutics, Seminar “Why Train Our Trainees to Train?” March 28, 2015
- Translational Science Annual Meeting (Association for Clinical & Translational Science), Poster “Working Toward Effective RCR Training That Supports Ethical Decision-making”, April 16-18, 2015
- 8th International Conference on Ethics in Biology, Engineering and Medicine, Presentation “Testing a TBL Curriculum for Effective RCR Education” MF Verderame et al., April 24-26, 2015
- UF Biomedical Engineering, Workshop “Flipping the Engineering Classroom with Team-Based Learning”, April 30, 2015
- Florida Gulf Coast University, Whitaker Center for STEM Education. Workshop “Flipping the STEM Classroom with Team-Based Learning” and two invited seminars on “Using Team-Based Learning to Flip Your Science Classroom”, May 18-19, 2015
- UF College of Veterinary Medicine, Workshop “Flipping the Veterinary Science Classroom with Team-Based Learning”, May 21, 2015
- UF College of Medicine Faculty Affairs & Professional Development, Workshop “Beyond the Basics: Team-Based Learning Facilitation Skills”, May 27, 2015
- 4th World Conference on Research Integrity, Rio de Janeiro, Brazil, Seminar “Team-Based Learning for RCR Training Supports Ethical Decision-Making”, May 31 – June 3, 2015
- Alabama College of Osteopathic Medicine, Office of Institutional Effectiveness and Medical

- Education, Workshop “Flipping the Medical Science Classroom with Team-Based Learning”, June 8, 2015
- 122nd American Society for Engineering Education Annual Conference & Exposition, presentation “Using Team-Based Learning To Support Ethical Decision-Making in Engineering” W. McElroy et al., June 14-17, 2015
- UF Dept. Pathology Work In Progress Seminar, “Working Toward Responsible Conduct of Research (RCR) Training That Works”, July 6, 2015.
- Jacksonville University Center for Teaching & Learning, “Engaging Millennials with Team-Based Learning”, August 18, 2015.
- AAMC Graduate Research, Education and Training (GREAT) Group Annual Meeting, Poster “Team-Based Learning for RCR Training Supports Ethical Decision-Making”, Baltimore, MD, September 10-12, 2015.
- UF College of Medicine COM Residents As Teachers, “Basics of Small Group Teaching”, October 13, 2015.
- Association for the Behavioral Sciences and Medical Education Annual Meeting, Minneapolis, MN, October 15, 2015. Poster presentation: “Promoting interprofessional knowledge and skills through team based learning” by Black, E.W., Blue, A.V., McCormack, W.
- Florida Gulf Coast University Whitaker Center for STEM Education, “Engaging STEM (Actually, Any!) Students with Team-Based Learning”, February 29, 2016.
- Team-Based Learning Collaborative (TBLC) Annual Meeting. Poster “Team-Based Learning for RCR Training Supports Ethical Decision-Making”, Albuquerque, NM, March, 4-5, 2016.
- Science of Team Science (SciTS) Annual Meeting, Seminar “Taking Interdisciplinary Team Science To The Next Level: Team Training for Clinical & Translational PhD Scientists”, May 16-18, 2016.
- UF “TBL Boot Camp”: “TBL 101: Introduction to TBL”, “Creating Effective TBL Modules”, “Peer Evaluation for TBL”, “TBL Facilitation Skills”, “Advanced TBL Module Writing”, June 9-10, 2016.
- Alabama College of Osteopathic Medicine, Office of Institutional Effectiveness and Medical Education, Team-Based Learning Workshops: “TBL101 Review”, “Creating Effective TBL Modules”, “Peer Evaluation Methods for TBL”, “Team-Based Learning Facilitation Skills”, June 16, 2016
- UF College of Pharmacy, “Individual Development Plans”, September 27, 2016.
- UF College of Veterinary Medicine Teaching & Learning Innovations in Veterinary Medicine Symposium, “Team-Based Learning Essentials”, October 28, 2016.
- UF College of Medicine, Residents As Teachers Program, “Presenting An Effective Medical Lecture”, December 7, 2016
- UF Health Biomedical Research Career Development, Research Management Seminar Series, “Lab Leadership in Science”, January 6, 2017
- UF Clinical & Translational Science Institute, K College Professional Development Program, “Building Your Individual Development Plan: Career Planning for Academia and Beyond”, January 10, 2017
- Florida Gulf Coast University Whitaker Center for STEM Education, “Engaging Students with Team-Based Learning: Introductory Workshop”, March 23, 2017.
- Florida Gulf Coast University Whitaker Center for STEM Education, “Engaging Students with Team-Based Learning: Activity Writing Workshop”, March 24, 2017.
- TL1 Directors Meeting, CTSA Consortium, “TL1 Teams - Taking Team Science to the Next Level” and “Successful Career Outcomes for Biomedical Science PhD Students”, ACTS Conference, Washington, DC, April 19, 2017.
- UF “TBL Boot Camp”: “TBL 101: Introduction to TBL”, “Creating Effective TBL Modules”, “Peer Evaluation for TBL”, “TBL Facilitation Skills”, “Advanced TBL Module Writing”, May 25-26,

- 2017.
- UF Clinical & Translational Science Institute, K College Professional Development Program, “Lab Leadership in Science”, June 6, 2017.
- Science of Team Science Annual Conference, “If We Expect Future Scientists To Work in Teams, They Should Be Trained in Teams: Team Training for Clinical & Translational PhD Students” (invited oral presentation), Clearwater Beach, FL, June 13, 2017.
- NIGMS Training, Workforce Development, and Diversity (TWD) Program Directors’ Meeting, “Using an NIH Training Grant to Support Real Team Science Training” (poster presentation), Baltimore, MD, June 20, 2017.
- UF Health Biomedical Research Career Development, Research Management Seminar Series, “Introduction to Team Science”, October 13, 2017
- Medical University of South Carolina invited seminars: “Team-Based Learning: Essentials of Implementation”, “Why Do Teams Matter?”, “Team Training for Clinical & Translational Science”, “Lessons Learned about Teaching Team Science”, October 23-24, 2017.
- Association of American Medical Colleges (AAMC) and Federation of American Societies for Experimental Biology (FASEB) workshop “Navigating New NIGMS Training Guidelines”, invited platform presentation “Evaluating Trainee Development: One Approach to Competency-Based Assessment”, February 12, 2018.
- International Medical Center, Jeddah, Saudi Arabia, Invited Presenter for 3-Day Faculty Development Workshop about Team-Based Learning, “TBL 101: Introduction to TBL”, “Writing Effective Application and RAT Questions”, “Creating Effective TBL Modules”, “Peer Evaluation and Assessment Methods for TBL”, “Team Effectiveness and Motivation”, “TBL Facilitation Skills”, “Advanced TBL Module Writing”, February 21-23, 2018.
- Team-Based Learning Collaborative Annual Meeting. Invited Workshop “Turning Teaching Into Scholarship”, San Diego, CA, March 1-3, 2018.
- Santa Fe College, Team-Based Learning Workshops: “TBL101 Introduction to Team-Based Learning” and “Creating Effective TBL Modules”, April 6, 2018.
- Association for Clinical & Translational Science Annual Conference, Poster “TL1 Team Approach to Social and Genetic Determinants of Blood Pressure” April 19-20, 2018.
- TL1 Directors Meeting, CTSA Consortium, “Tracking of TL1 Alumni”, ACTS Conference, Washington, DC, April 19, 2018.
- Florida State University College of Medicine, Invited Speaker, “Innovative Graduate Education Approaches to Train the Next Generation of Biomedical Science Researchers”, May 7, 2018
- Mayo Clinic CTSA Program, Invited Speaker, “Team Training for Clinical & Translational Science”, May 10-11, 2018
- Science of Team Science Annual Conference, Oral Presentation “Using TL1 Teams To Transform Clinical & Translational Science Training”, May 21-24, 2018.
- UF “TBL Boot Camp”: “TBL 101: Introduction to TBL”, “Creating Effective TBL Modules”, “Peer Evaluation for TBL”, “TBL Facilitation Skills”, “Ensuring Student Buy-In for TBL”, “Advanced TBL Module Writing”, June 6-8, 2018.
- University of Kentucky Center for Clinical & Translational Science, Invited Speaker “Team Science Training for Clinical & Translational Science”, September 4, 2018.
- University of Wisconsin Institute for Clinical & Translational Research, Invited Speaker “Using TL1 Teams to Transform Clinical & Translational Science Training” and “An Academic Journey Through Bench Science, Teaching, and Administration”, September 7, 2018.
- AAMC Graduate Research, Education and Training (GREAT) Group Annual Meeting, Atlanta, GA, September 27-29, 2018. Invited Workshop “Do you know it when you see it? Competency based assessment to guide mentor-mentee communication”, with Victoria Freedman, Lisa Kozlowski, and Michael Verderame.
- Emory University, Laney Graduate School, Graduate Division of Biological & Biomedical Sciences,

- Invited Speaker “Innovative Approaches to Challenges in Biomedical Science Graduate Education” and “An Academic Journey Through Bench Science, Teaching, and Administration”, November 2, 2018.
- UF Office of Biomedical Research Career Development “Learn-Discover-Lead” Professional Development Seminar Series, “Collaborating More Effectively: Vision and Planning”, December 14, 2018.
- National Center for Advancing Translational Science (NCATS) Workforce Development Domain Taskforce (in conjunction with the Association for Clinical & Translational Science annual conference), Invited Speaker “Using Team Science To Transform Clinical & Translational Science Training”, March 5, 2019.
- UF Center for Advancing Minority Research & Aging Science, Research Educational Series, Invited Speaker “Science of Team Science”, March 27, 2019.
- Science of Team Science Annual Conference “Developing Competencies for Team Science” (oral presentation), Lansing, MI, May 21, 2019.
- Science of Team Science Annual Conference “TBL 101 – Fundamentals of Team-Based Learning” (workshop), Lansing, MI, May 21, 2019.
- UF Team-Based Learning Workshop: “Fundamental Principles and Practices of TBL”, “Evaluating Multiple Choice Questions for Readiness Assurance Tests and Application Activities”, “Peer Feedback and Evaluation”, “Improving Facilitation Skills for a TBL Classroom”, “Ensuring Student Buy-In for TBL”, “Creating Effective TBL Modules”, June 10-11, 2019.
- UF Office of Biomedical Research Career Development “Learn-Discover-Lead” Professional Development Seminar Series, “Introduction to the Science of Team Science”, June 14, 2019.
- AAMC Graduate Research, Education and Training (GREAT) Group Annual Meeting, Oral Presentation and Poster “Impact of Team Science On Biomedical Research Training”, Seattle, WA, September 13-14, 2019.
- North Carolina State University Comparative Medicine Institute, Invited Seminar “Team Science Training for Biomedical Science Graduate Education”, Raleigh, NC, October 7, 2019.
- Council of Graduate Schools Annual Conference Invited Panelist: “Approaches to Teamwork Training”, Nashville, TN, December 4-7, 2019.
- UF Office of Biomedical Research Career Development “Learn-Discover-Lead” Professional Development Seminar Series, “Team Dynamics and Leading Teams”, December 13, 2019.
- Boy Scouts of America ScoutingU, Invited Workshop Presenter, “Fundamental Principles and Practices of TBL”, “Improving Facilitation Skills for a TBL Classroom”, “Peer Evaluation and Feedback for TBL”, Irving, TX, January 2-3, 2020.
- UF Graduate Medical Education Program, Invited Seminar “Flipped Classroom: From Theory to Practice”, January 9, 2020.
- Southeast Regional CTSA Conference, Invited Plenary Speaker “Using Team Science to Support Successful Collaboration in the Southeast Region of the CTSA Consortium”, Poster “Using TL1 Teams to Prepare Predoctoral Students for Successful Research Careers in a Team Science Environment”, Pine Mountain, GA, February 27-29, 2020.
- 2020 Spring CTSA Program Meeting, Workforce Development Enterprise Committee/KL2 Directors/TL1 Directors, “Impact of COVID-19 on Training and Career Development - Feedback from K Scholars, T Trainees, and Program Leaders”, April 15, 2020.
- UF Team-Based Learning Workshop: “Fundamental Principles and Practices of TBL”, “Evaluating Multiple Choice Questions for Readiness Assurance Tests and Application Activities”, “Peer Feedback and Evaluation”, “Improving Facilitation Skills for a TBL Classroom”, “Creating Effective TBL Modules”, “Shifting TBL from Live to Online”, 5 dates, May 5-22, 2020.
- UF Office of Biomedical Research Career Development “Learn-Discover-Lead” Professional Development Seminar Series, “Collaboration Plans: A Secret to Success for Collaboration”, June 12, 2020.

- UF Team-Based Learning Workshop: “Fundamental Principles and Practices of TBL”, “Evaluating Multiple Choice Questions for Readiness Assurance Tests and Application Activities”, “Peer Feedback and Evaluation”, “Improving Facilitation Skills for a TBL Classroom”, “Ensuring Student Buy-In for TBL”, “Creating Effective TBL Modules”, 4 dates, July 28 – Aug. 5, 2020.
- UF Graduate School, Board of Education Summer Research Program, Invited Speaker, “Team Science and Professional Development Opportunities at UF”, August 3, 2020.
- National Directors of Graduate Studies in Pharmacology and Physiology (NDOGS), Invited Speaker, “Evaluating Biomedical Science Trainee Development: One Approach to Competency-Based Assessment”, August 13, 2020.

OTHER EDUCATION ACTIVITIES

AAMC GREAT Group Annual Conferences

- “The Biomedical PhD: Taking Stock of the Degree and the Profession”, October 2000, Savannah, GA (Attendee)
- “The Interdisciplinary Nature of the Biomedical Sciences”, April 2002, Westminster, CO (Attendee)
- “GREAT Visions of the Future of Biomedical Research Education and Training”, April 2003, Montreal, Quebec, Canada (Program Committee, Attendee)
- “Implementing a GREAT Vision for Biomedical Education”, April 2004, Austin, TX (Program Committee, Panel Discussion)
- “The Future of the Biomedical Science Workforce”, October 2005, Ft. Myers, FL (Attendee)
- “Redefining Research Training”, October 2006, Tucson, AZ (Attendee)
- “Meeting the Challenge”, October 2007, Providence, RI (Program Committee, Presenter, Panel Discussion)
- “Integrating Research Education and Training at Medical Centers: Opportunities, Challenges, and Solutions”, October 2008, Seattle, WA (Attendee)
- “New Tools and New Learners: Approaches for Teaching Future Scientists”, October 2009, St. Louis, MO (Program Committee, Workshop Presenter, Session Moderator)
- “Enhancing Diversity and Sustaining Career Success”, October 2010, New Orleans, LA (Program Committee, Workshop Presenter, Session Moderator)
- “Redefining the Culture of Scientific Training”, October 2011, Savannah, GA (Program Committee, Session Moderator)
- “Leading Change, Looking Forward: New Visions for Tomorrow’s Biomedical Science”, September 2012, Nashville, TN (Program Co-Chair, Session Moderator, Workshop Presenter, Speaker)
- “Evolution of the Training Paradigm: Developing the Biomedical Workforce of the Future”, September 2013, Atlanta, GA (Presenter)
- “GRAND/GREAT and Postdoctorate Leaders Section Professional Development Meeting”, September 2014, Ft. Worth, TX (Presenter)
- “Leading Change, Embracing Opportunities, and Creating the Future”, September 2015, Baltimore, MD (Presenter)
- “2016 GRAND & GREAT Professional Development Meeting – Shaping the Future”, September 2016, Chicago, IL (Presenter)
- “Science, Society, Responsibility”, September 2018, Atlanta, GA (Invited Workshop)
- “Educate, Engage, Empower”, September 2019, Seattle, WA. (Invited Oral Presentation and Poster)

AAMC Southern Group on Educational Affairs (SGEA) Annual Meetings

- “Promoting Lifelong Learning From Ideas to Results”, March 2002, Charleston, SC (Poster Presentation, Roundtable Discussion Organizer)

- “Competencies Across the Curricular Continuum”, April 2003, Miami, FL (Poster Presentation)
- “Closing the Loop: Integrating Curriculum, Competence and Feedback”, April 2004, Winston-Salem, NC (Small Group Discussant)
- “Medical Education: Balancing Learning Strategies and Technologies”, April 2008, Nashville, TN (Workshop Presenter)
- “Emerging Issues in Medical Education: Competencies, Collaboration & Communication”, April 2010, Oklahoma City, OK (Workshop Presenter)
- “Leadership and Advocacy in Medicine”, April 2011, Houston, TX (Workshop Presenter)

AAMC Annual Meetings

- November 2002, San Francisco, CA (Small Group Discussant)
- November 2003, Washington, DC (Small Group Discussant)
- November 2004, Boston, MA
- November 2005, Washington, DC
- November 2006, Seattle, WA
- November 2007, Washington, DC
- November 2008, San Antonio, TX
- November 2009, Boston, MA
- November 2010, Washington, DC
- November 2012, San Francisco, CA

International Association of Medical Science Educators Annual Meeting

- July 2008, Salt Lake City, UT
- June 2011, St. Petersburg, FL
- June 2013, St. Andrews, Scotland

ASM/NIGMS Learning Interventions Institute: Understanding Research Techniques to Study Student Interventions, January 2010, Washington, DC

CTSA Annual National Predoctoral Clinical Research Training Program Meeting

- May 2010, Washington University, St. Louis, MO
- May 2011, Washington University, St. Louis, MO
- May 2012, Mayo Clinic, Rochester, MN
- May 2013, Mayo Clinic, Rochester, MN

AAMC Medical Education Research Certificate (MERC) Program Workshops

- Program Evaluation and Evaluation Research, November 2008
- Measuring Education Outcomes with Reliability and Validity, November 2008
- Hypothesis-Driven Research, November 2009
- Qualitative Analysis Methods, November 2009
- Formulating Research Questions and Designing Studies, November 2009
- Questionnaire Design and Survey Research, April 2010

Association of Clinical & Translational Science (ACTS) / Clinical & Translational Science Award (CTSA) Consortium

- Translational Science 2012 Conference, April 2012
- Translational Science 2013 Conference, April 2013
- Translational Science 2014 Conference, April 2014
- Translational Science 2015 Conference, April 2015
- Translational Science 2016 Conference, April 2016
- Translational Science 2017 Conference, April 2017
- Translational Science 2018 Conference, April 2018
- Translational Science 2019 Conference, March 2019
- Translational Science 2020 Conference (virtual), April 2019

Science of Team Science Annual Meeting

SciTS Conference 2013, Northwestern University, Evanston, IL, June 2013

5th Annual International Science of Team Science Conference, Austin, TX, August 2014

Science of Team Science (SciTS) 2016 Conference, Phoenix, AZ, May 2016

Science of Team Science (SciTS) 2017 Conference, Clearwater Beach, FL, June 2017

Science of Team Science (SciTS) 2018 Conference, Galveston, TX, May 2018

Science of Team Science (SciTS) 2019 Conference, Lansing, MI, May 2019

Science of Team Science (SciTS) 2020 Conference (virtual), June 2020

Future of Bioscience Graduate and Postdoctoral Training Conference

Part 1, Invited Conference Participant, Ann Arbor, MI, May 3-5, 2015

Part 2, Conference Participant, Denver, CO, June 8-10, 2017

Washington University CTSA Program External Advisory Committee, Site Visit, March 6, 2018

University of Texas, San Antonio CTSA Program External Advisory Committee, August 2020

CURRENT GRANT SUPPORT

National Institutes of Health, “Together: Transforming and Translating Discovery to Improve Health – Team Science TL1 Program”, TL1TR001428, 8/15/15-6/30/24 (Role: P.I.)

National Institutes of Health, NIH/NCRR Science Education Partnership Award (SEPA), R25 (P.I., Mary Jo Koroly, PhD) “Collaborating to Advance Teaching and Learning of Science Educators and Students (CATALySES)”, 7/1/16-6/30/21 (Role: Advisory Committee Chair, Instructor)

PAST GRANT SUPPORT

American Cancer Society, Florida Division, Inc., Knute Swanson Research Grant (No. F92UF-1), 6/1/92 - 12/31/93, \$20,000. “Gene conversion in B cell lymphomas”

University of Florida Division of Sponsored Research, Research Development Award (No. RDA 1-47 91-92), 5/1/92 - 4/31/94, \$20,000. “Generation of immunoglobulin gene diversity by somatic gene conversion”

University of Florida Division of Sponsored Research, New Faculty Award (No. DSR-D-18 91-92), 6/2/92 - 6/1/94, \$10,000. “Molecular genetics of chicken $\gamma\delta$ T cells - Preliminary data”

USDA National Research Initiative Competitive Grants Program (No. 92-37204-7835), 9/1/92 - 8/31/96, \$200,000 (\$175,439 direct costs). “Chicken T cell receptor β genes and disease resistance”

National Vitiligo Foundation, Inc., 1/1/98 - 12/31/98, \$30,000. “Genetics of vitiligo susceptibility in humans and the Smyth line chicken” (Role: P.I.)

U.S. Poultry and Egg Association, 11/1/97 - 10/31/99, \$32,000. “Dietary fatty acids and chick quality” (Role: Investigator; PI: Richard D. Miles, Ph.D., Dept. of Dairy & Poultry Science)

National Institutes of Health (R29), 12/1/93 - 11/30/99, \$507,339 (\$349,889 direct costs). “Gamma/delta T cells in intestine & skin immunity” (Role: P.I.)

National Vitiligo Foundation, 1/1/99 - 12/31/99, \$30,000. “Genetics of vitiligo susceptibility” (Role: P.I.)

National Vitiligo Foundation, 1/1/00 - 12/31/00, \$30,000. “Differential Gene Expression in Vitiligo Melanocytes and Lymphocytes” (Role: P.I.)

National Vitiligo Foundation, 1/1/01 - 12/31/01, \$30,000. “The Role of LMP7 and Antigen Processing in Vitiligo Susceptibility” (Role: P.I.)

Howard Hughes Medical Institute, 1/1/01 - 12/31/03, \$18,000. “Visiting Scholars Program” (Role:

P.I.)

American Vitiligo Research Foundation, 4/1/02 - 3/31/03, \$10,000. “The Role of the CAT Gene in Vitiligo Susceptibility” (Role: P.I.)

Arnold P. Gold Foundation, 2/1/03 – 7/30/03, \$3,000. “Chapman Chapter of the Gold Humanism Honor Society” (Role: P.I.)

American Vitiligo Research Foundation, 3/1/03 - 2/28/04, \$17,000. “The Role of the CAT Gene in Vitiligo Susceptibility” (Role: P.I.)

Arnold P. Gold Foundation, 1/6/04 – 4/30/04, \$1,700. “Bridging the Health Care Divide through the History of the Patient-Physician Relationship” (Role: Co-P.I.)

National Board of Medical Examiners, 6/1/04 - 5/31/05. “Towards Assessing Professional Behaviors of Medical Students through Peer Observations: A Multi-institutional Study”. Role: Investigator. (P.I: Louise Arnold, Ph.D., Univ. Missouri at Kansas City)

American Vitiligo Research Foundation, 6/1/06 - 5/31/07, \$50,000. “The Role of Genetics in Vitiligo Susceptibility” Role: Co-P.I. (P.I.: Margaret R. Wallace, Ph.D.)

Arnold P. Gold Foundation, 7/1/01 – 6/30/08, \$5,000. “Evaluation of Peer Rankings of Professional Competence by UF Medical Students”. Role: P.I.

American Vitiligo Research Foundation, 6/1/07 - 7/31/10, \$100,000. “The Role of Genetics in Vitiligo Susceptibility” Role: Co-P.I. (P.I.: Margaret R. Wallace, Ph.D.)

Arnold P. Gold Foundation, “Effects of Early Peer Nomination on Rankings of Medical Student Clinical Competence and Caring: Can Students Be Selected for GHHS After Two Years of Medical School?”, 10/1/12 – 9/30/13, \$14,504 (Role: PI)

National Institutes of Health, Clinical and Translational Science Award (2009-2011: UL1RR029890, KL2RR029888, TL1RR029889; 2012-March 31, 2015: UL1 TR000064, KL2 TR000065, TL1 TR000066) (Role: TL1 P.I.)

National Institutes of Health, “Biomedical Explorations Bench to Bedside, Phase II”, R25 (PI Mary Jo Koroly, PhD) 6/1/14-2/29/16 (Role: Investigator)

Office of Research Integrity, “Team-Based Learning for RCR Education”, 9/1/13 - 8/31/16, \$525,306 (Role: PI)

revised October 2020