

CURRICULUM VITAE

PERSONAL DATA

Name: David R. Gater, Jr.

EDUCATION

08/78 - 05/80 Central Arizona College, Coolidge, A.S. (Microbiology)
08/80 - 05/82 University of Arizona, Tucson, B.S. (General Biology)
08/82 - 05/85 University of Arizona, Tucson, M.S. (Exercise and Sports Sciences)
07/85 - 08/90 University of Arizona, Tucson, Ph.D. (Physiology)
07/85 - 05/92 University of Arizona, Tucson, M.D. (Medicine)

POSTDOCTORAL TRAINING

07/92-06/93 Internship (Internal Medicine), University of Arizona and Affiliated Hospitals, Tucson, Arizona
07/93-06/96 Residency (Physical Medicine and Rehabilitation), UC Davis Medical Center, Sacramento, California

ACADEMIC APPOINTMENTS

08/96 - 12/01 Assistant Professor, Physical Medicine and Rehabilitation, U Kentucky
10/97 - 12/01 Associate Faculty, Kinesiology and Health Promotions, U Kentucky
11/98 - 12/01 Associate Faculty, Nutritional Sciences, U Kentucky
08/00 - 12/01 Assistant Professor, Physiology, U Kentucky
01/01 - 12/01 Associate Faculty, Spinal Cord & Brain Injury Research Center, U Kentucky
01/02 - 05/06 Assistant Professor, Physical Medicine and Rehabilitation, U Michigan
01/02 - 05/06 Associate Faculty, U of Michigan Diabetes Research Training Center
01/02 - 05/06 Associate Faculty, Geriatrics Research & Education Center, AAVAHS
05/04 - 05/06 Adjunct Assistant Professor, College of Kinesiology, U Michigan
05/06 - 06/13 Professor, Physical Medicine & Rehabilitation, VCU Medical Center
07/09 - 06/13 Affiliate, Rehabilitation & Movement Science, VCU, Richmond VA
07/10 - 06/12 Director, CCTR NIH K12 Program, VCU Medical Center, Richmond VA
07/10 - 06/13 Member, CCTR NIH Steering Committee, VCU Medical Ctr, Richmond VA
08/13 - 5/19 Tenured Professor & Rocco Ortenzio Chair, PM&R, Penn State Hershey Medical Center, Hershey, PA
06/15 - 5/19 Faculty, Biomedical Sciences; Anatomy; Kinesiology; Nutrition; Penn State Graduate School
06/19 - Present Professor and Chair, PM&R, U Miami School of Medicine, Miami, FL

HOSPITAL APPOINTMENTS

08/96 - 12/98 Medical Director, PM&R Consult Service, University of Kentucky
08/96 - 12/01 Staff Physician, U of Kentucky Chandler Medical Center, Lexington, KY
08/96 - 12/01 Staff Physician, Cardinal Hill Rehabilitation Hospital, Lexington, KY
08/96 - 12/01 Staff Physician, Veterans Affairs Medical Center, Lexington, KY
08/96 - 12/01 Staff Physician, Shriners Hospital for Crippled Children, Lexington, KY
08/96 - 12/01 Staff Physician, Jewish Hospital, Lexington, KY
01/97 - 12/99 Director, Outpatient PM&R Services, Lexington VAMC

01/97 – 12/99 Director, PM&R Electrodiagnostic Studies, Lexington VAMC
01/97 – 12/01 Medical Director, Exercise Physiology Laboratory, Kinesiology and Health Promotions, Seaton Center, University of Kentucky, Lexington, Kentucky
01/98 – 12/01 Director, Spinal Cord Injury Outpatient Clinic, Lexington VAMC
01/02 – 07/06 Staff Physician, Ann Arbor VAHS, Ann Arbor, MI
01/02 – 05/06 Staff Physician, U Michigan Medical Center, Ann Arbor, MI
01/02 – 05/06 Medical Director, Spinal Cord Injury Medicine, U Michigan, Ann Arbor, MI
07/06 – 06/13 Staff Physician, Virginia Commonwealth University Healthcare System, Physical Medicine & Rehabilitation, Richmond, VA
07/06 – 06/13 SCI Chief, Hunter Holmes McGuire VAMC, Richmond, VA
08/13 – 05/19 PSHRH Governing Board Member, Hershey, PA
08/13 – 05/19 PSHMC Staff Physician, Hershey, PA
08/13 – 05/19 PSHRH Staff Physician, Hummelstown, PA
10/14 – 05/19 Medical Director, PM&R Research Laboratories, PSHMC, Hershey, PA
11/15 – 05/19 Co-Director, PSH Neurosciences Institute Spinal Cord Injury Center
11/15 – 05/19 PM&R Residency Program Director, PSHCOM, Hershey, PA
04/18 – 05/19 SCI Fellowship Program Director, PSHCOM, Hershey, PA
06/19 – Present Staff Physician, U Miami Hospital and Clinics, Miami, FL
06/19 – Present Medical Director of Rehabilitation, Jackson Memorial Hospital, Miami, FL

LICENSURE AND CERTIFICATION

- Medical License
 - #ME 140298, State of Florida, Expires 01/31/21
 - #MD449523, State of Pennsylvania, Expires 12/31/20
- Diplomate, National Board of Medical Examiners, #371482, 1993
- Physical Medicine & Rehabilitation Board Certification #5341, 1997, American Board of Physical Medicine and Rehabilitation, Expires December 2027
- Electrodiagnostic Medicine Board Certification #2388, 1998, American Board of Electrodiagnostic Medicine
- Subspecialty, Spinal Cord Injury Medicine Board Certification #122, 1999, American Board of Physical Medicine and Rehabilitation, Expires December 2029

HONORS AND AWARDS

1980 Baird Academic Scholarship, University of Arizona, Tucson, AZ
1982 Phi Kappa Phi, University of Arizona, Tucson, AZ
1986-88 Achievement Rewards for College Scientists Scholarship, University of Arizona College of Medicine, Tucson, AZ (3X)
1992 Zenas B. Noon Award for Excellence in Cardiology, University of Arizona College of Medicine, Tucson, AZ
1992 Honors and Awards Committee Excellence in Research Award, University of Arizona College of Medicine, Tucson, AZ
1997 Selected Participant for Veterans Affairs Medical Center Physical Medicine and Rehabilitation Research Mentoring Workshop, Alta, Utah
1997 Teacher of the Year, Department of Physical Medicine and Rehabilitation, University of Kentucky, Lexington, KY
1998 Teacher of the Year, Department of Physical Medicine and Rehabilitation, University of Kentucky, Lexington, KY
1999 University of Kentucky Physician Scientist Award, Lexington, KY

1999	University of Kentucky Master Educator Award: Teaching, Contribution & Participation, Center for Excellence in Medical Education, Lexington, KY
2000	VAMC Research Career Development Award, Rehabilitation Research & Development Service, Washington, D.C.
2000	Eastern Paralyzed Veterans Association Scholar Award, Washington, D.C.
2000	Abraham Flexner Master Educator Award: Educational Leadership & Administration, Center for Excellence in Medical Education, U of Kentucky
2001	NIH Clinical Associate Physician, K23 Career Development Award
2002	Best Poster by Career Development Awardee, 3 rd National Rehabilitation R&D Meeting, Arlington, VA
2002	Young Academician, Association of Academic Physiatrists
2004	Margaret Weber, Provider of Choice Award, VA VISN 11
2005-07	America's Top Physicians, Consumer's Research Council of America
2004-19	America's Top Doctors, Castle Connolly Medical
2010	PM&R Faculty Teaching Excellence Award, VCU, Richmond, VA
2010	SCI Association of Virginia Community Partner of the Year Award
2010-13	Academy of Mentors, Virginia Commonwealth University
2011-18	America's Top Doctors, US News and World Report
2012	25th Annual William A. Spencer, MD, Memorial Lectureship, TIRR, Houston, TX
2014	Noll Lecture, PSU Kinesiology, State College, PA
2014-15	Member, PSHCOM Mentoring Academy, Hershey, PA
2015	Lazin Resident, Lebanon Valley College, Lebanon, PA
2016	Dean's Award for Excellence in Teaching, PSHCOM
2016, 2017	CG CAHPS Dean's List Extraordinary Patient Satisfaction, PSHMC
2018	Donald Munro Memorial Lecture, ASCIP, New Orleans, LA
2018	David Kilmer Memorial Lecture, UC Davis, Sacramento, CA
2018	Harrell HSL READ Poster Recognition Award, PSHCOM

SCIENTIFIC ACTIVITIES

1996 - 2008	Ad Hoc Reviewer, Research Grant Proposals, American Paraplegia Society
1996 - Present	Reviewer, <i>Arch PM&R</i> , W. B. Saunders Co., Philadelphia, PA
1996 - Present	Reviewer, <i>Am J PM&R</i> , W. B. Saunders Co., Philadelphia, PA
1999 - Present	Reviewer, <i>Advances in Wound Care</i> , Springhouse Corp, Springhouse, PA
1999 - Present	NIH Scientific Reviewer: Special Emphasis Panel ZRG1 SSS 508
1999 - 2001	Reviewer, NIDRR Spinal Cord Injury Model Systems Program Review
2002 - Present	Reviewer, <i>J Rehab R&D</i> , RR&D, DVA, Baltimore, MD
2003 - Present	Reviewer, <i>Food Drug Administration</i> , Rockville, MD
2003 - Present	Reviewer, Assistive Technology, RESNA Press, Arlington, VA
2003 - 2011	Reviewer, VHA RR&D
2003 - Present	Reviewer, <i>J Spinal Cord Medicine</i> , Jackson Heights, NY
2006 - Present	Reviewer, Spinal Cord, Belgium
2006 - 2012	Scientific Advisory Committee, Paralyzed Veterans of America
2007- Present	Reviewer, Craig H. Nielsen Foundation
2010 - Present	Reviewer, Ontario Neurotrauma Foundation
2009 - Present	Carbohydrates, Lipids & Health Management in Adults with SCI CPG Development Panel, Paralyzed Veterans of America
2012 - 2014	Chair, VHA RR&D Spinal Cord Review Committee

- 2014 - Present Member, Craig H. Nielsen Foundation Scientific Review Board
2015 – Present Data Safety and Monitoring Board, “Early Feasibility Study of the Networked Neuroprosthesis for Grasp and Trunk Function in Spinal Cord Injury,” Peckham (PI), Case Western Reserve University, Cleveland, OH
2015 – Present Associate Editor, Journal of Spinal Cord Medicine, Jackson Heights, NY
2017 – Present Editorial Board, Archives of PM&R
2019 – Present Data Safety Monitoring Board, “Predicting Ipsilesional Motor Deficits in Stroke with Dynamic Dominance Model,” Sainburg (PI), Hershey, PA
2019 – Present External Advisory Board, Belford Center for Spinal Cord Injury, Ohio State University, Columbus, OH

GRANT SUPPORT

Completed

1. \$1,000 Medical Student Summer Research Fellowship, 1986
2. \$16,000 Ross Laboratories Research Support Grant, 1988-1990
3. \$13,104 National Research Service Award, 1987-1989
4. \$27,429 University of Kentucky Major Research Equipment Award, 1997, Co-PI
5. \$22,780 R.W. Johnson Pharmaceutical Research Institute, 1997-98, Co-PI
6. \$18,620 Kendall Healthcare Products Corporation (#4-60850), 1997-1998, PI
7. \$29,960 American Heart Association Kentucky Affiliate, 1998-2000, PI
8. \$15,113 NIH General Clinical Research Center, Aerobic Exercise Intervention on CAD Risk Profiles in Spinal Cord Injured Adults, 1998, PI
9. \$7,008 NIH General Clinical Research Center, Total Body and Regional Body Composition of Jockeys and Riders, 1998-2000, Co-I
10. \$1,200 NIH General Clinical Research Center, Plasma versus Respiratory Water for the Measurement of Total Body Water, 1998-2000, Co-I
11. \$10,886 American Paraplegia Society Proposal, Shoulder Strengthening for Impingement Prophylaxis in Paraplegia, 1998, PI
12. \$14,945 U of Kentucky Research Fund, #2-07110, Trunk Muscle Stimulation for Seated Posture Control in Spinal Cord Injury, 1998-1999, Co-PI
13. \$50,000 U of Kentucky Major Research Equipment Award, WAFT, 1999, PI
14. \$258,477 Veterans Affairs Medical Center Merit Award, Research and Development, Impact of Occupational Therapy on the Health Status of Elderly Veterans, 1998-2001, Co-PI
15. \$13,152 NIH General Clinical Research Center, Basal Metabolic Rate, Peak Oxygen Consumption and Body Composition of Physically Active versus Sedentary Paraplegics, 1998-2001, PI
16. \$42,224 NIH General Clinical Research Center, An Investigation of the Etiological Factors Associated with Osteoporosis and Primary Osteoarthritis, 1999-2001, Co-I
17. \$150,000 University of Kentucky Physician Scientist Award - Exercise on Glucose Tolerance and Body Composition in Spinal Cord Injury, 1999, PI
18. \$1,193 NIH General Clinical Research Center, Body Composition Measurements in Obese and Nonobese Children, 2000-2002, Co-I
19. \$16,964 NIH General Clinical Research Center, Relationship among Bone Mineral Density, Endocrine Function, and Body Composition Measures in College Female Athletes, 2000-2002, Co-I
20. \$588,488 NIH R01-HD38570-01, Adjustments for Improved Standing with FNS, 2000-2005, Co-I

21. \$100,000 NIH SBIR/STTR, Customized Electrical Stimulation for SCI Rehabilitation, 2001-2002, Co-I, 2.5%.
22. \$91,000 FDA, UK#4-6326, Implanted Neuroprostheses for Standing after SCI, 1999-2002, Co-I
23. \$279,931 Kentucky Spinal Cord and Head Injury Foundation, Recovery of Cardiovascular Control after Spinal Cord Injury, 2001-2003, Co-I
24. \$196,863 NIH General Clinical Research Center, Exercise on Glucose Tolerance and Body Composition in Spinal Cord Injury, 1999, PI
25. \$297,486 Kentucky Spinal Cord and Head Injury Foundation, Exercise on Glucose Tolerance and Body Composition in Spinal Cord Injury, 1999-2001, PI.
26. \$474,000 VAMC Career Development Award (VA B2247V), Effects of Dosed Exercise on Glucose Tolerance and Body Composition in Spinal Cord Injury, 2000-2002, **PI**, 75%
27. \$62,336 Pfizer Inc. #A148-1066-1009 A Multicenter, Phase III, Double-blind, Placebo-controlled Flexible Dose Study to Evaluate the Efficacy and Safety of Viagra in Women Who Have Female Dysfunction Resulting From a Traumatic Spinal Cord Injury, 2003, **Co-I**, 1%.
28. \$31,030.63 ACORDA THERAPEUTICS SCI-F302 Double-Blind, Placebo-Controlled, 4-Week Parallel Group Study to Evaluate Safety & Efficacy of Oral Fampridine-SR in Subjects with Moderate to Severe Spasticity Resulting From Chronic, Incomplete Spinal Cord Injury, 05/01/02-09/01/03, PI, 1%.
29. \$44,034 ACORDA THERAPEUTICS SCI-F300 Open-Label Extension of Double-Blind, Placebo-Controlled, Parallel Group Study to Evaluate Safety, Tolerability & Activity of Oral Fampridine-SR in Subjects with Chronic, Incomplete Spinal Cord Injury, 05/01/03-06/01/04, **PI**, 1%.
30. \$14,875 University of Michigan Office of the Vice President for Research. Methodologies to Assess Physical Activity Patterns in Spinal Cord Injured Adults. **PI**, 5%
31. \$605,615 Clinical Associate Physician Award, NIH NCRR K23 RR16182-01, Exercise on Glucose Tolerance and Body Composition in Spinal Cord Injury, 2000-2005, **PI**, 75%
32. \$150,000 Paralyzed Veterans Association Spinal Cord Research Foundation. Recumbent stepping for gait rehabilitation after spinal cord injury. **Co-I**
33. \$1,600,000 NIDRR H133N00009, University of Michigan Model Spinal Cord Injury Care System, 2000-2006, Co-PI, 10%
34. \$449,211 NIDRR H133G040274 Psychosocial and Physiological Aspects of Menopause in Women with Spinal Cord Injury. 2004-2007, **PI**, 10%
35. \$637,300 VA B02-2529R Daily Energy Cost in Persons with SCI: Validation of New Physical Activity Compendium. 2004-2007, **Co-I (Site PI)** 10%
36. \$741,900 VA B3155R Standing and Transfers after SCI with Implanted Neuroprosthesis. 2004-2007, **Co-I (Site PI)** 5%
37. \$80,500 Allergan Protocol #191622-082. A Placebo-controlled, Randomized, Safety and Efficacy Study of BOTOX (Botulinum Toxin Type A) Purified Neurotoxin complex in Patients with Neurogenic Detrusor Overactivity and Neurological Respiratory Impairment. 2007-2010, **Site Co-I**.
38. \$180,000VA RR&D OIF/OEF Equipment Grant Biomechanics Gait Laboratory Equipment. **PI**.
39. \$5,000 Scholarship to Advance Research in Spasticity (STARS) Energy Costs of Spasticity in Spinal Cord Injury: A Pilot Investigation, **Mentor**, 5%

40. \$845,700 VA RR&D B3918R Exercise to Reduce Obesity in Spinal Cord Injury. 2007-2011, **PI**, 20%
41. \$450,000 Commonwealth Neurotrauma Initiative. Preparing Veterans with SCI and TBI for Post-Secondary Education: Development and Implementation of a Mobile Supported Education Model. 2009-2012, Co-PI, 10%
42. \$750,000 VA RR&D B6757R Body Composition Assessment in Spinal Cord Injury. 2009-2013, **PI**, 10%
43. \$1,304,462 VA RR&D B71481 Understanding Quality and Equity in Wheelchairs for Veterans, 2010-2013, **Co-I & Site PI**, 12.5%
44. \$12,450,908 VA RR&D O7814R Predictive Outcome Model Over Time for Employment (PrOMOTE) , 2010-2015, **Site Co-I**, 5%
45. \$378,900 DoD CDMRP, Family Caregivers for Veterans with Spinal Cord Injury: Exploring the Stresses and Benefits. 2011-2014, Co-I and **Site PI**, 5%
46. \$1,100,000 VA RR&D Home-Based Exercise and Diet to Reduce Obesity in Tetraplegia. 2012-16, **PI**, 20%. Impact Score 137; Percentile 3.6. Declined.
47. \$250,000 NIH CTSA KL2 (PI: Darter). Gait Biomechanics. 2012-2014, **Mentor**, 5%.
48. \$325,000 VA RR&D B7867 (CDA2 PI: Gorgey) Effects of Evoked Resistance Training and Testosterone after Spinal Cord Injury. 2012-2017, Mentor, 5%

Current

1. \$1,927,445 NIH RO1HD091278 Spinal Cord Injury Exercise and Nutrition Conceptual Engagement (SCIENCE). 9/30/16-9/29/21. **PI (15%)**
2. \$2,319,995 NIDILRR South Florida Spinal Cord Injury Model System (SFSCIMS), 2017-2021. **Co-Project Director** (15%)
3. \$999,096. (Hillary, PI) Collaborative Research on Health Care Innovation or Traumatic Brain Injury (RFA67-49). Examining elderly traumatic brain injury and risk for neurodegeneration. 2017-2020. **(Co-I 2%)**
3. \$3,001,331 NIH RO1 Comparative effectiveness of social physical play and traditional exercise programming when integrated into primary care. 2017-2021. **Co-I (10%)**
4. \$97,040. Gater DR. Craig H. Neilsen Foundation. Neilsen SCI Medicine Fellowship. PI. 2019-20.
5. \$150,000 Craig H. Neilsen Foundation Post-Doctoral Fellowship (PI: Stavres): Cerebrovascular Structure and Function in Spinal Cord Injuries. Mentor.

Pending

1. \$524,830 National Science Foundation (PI: Martin) CAREER: Optimizing Exoskeleton Control by Modeling Human Gait Control. Co-I (1%)
2. \$1,020,440 NIH K23 (PI: Stine): The Impact of Physical Activity on Cardiovascular Health and Hepatic Fibrosis in Nonalcoholic Fatty Liver Disease. Mentor.

MEMBERSHIP AND OFFICES IN PROFESSIONAL SOCIETIES

American Association of Electrodiagnostic Medicine, Fellow
American Academy of Physical Medicine and Rehabilitation, Fellow

- Member, Conference Planning Committee (2012-Present)

American Spinal Injury Association, Member

- Member, Research Committee (2005-2007)

- Chairman, Communications / Newsletter Committee (2005-2007)
- Association of Academic Physiatrists
 - Member, Conference Planning Committee (2013-2016)
 - Member, Chair's Council (2013-Present)
 - Member, Governance Committee (2017- Present)
- American Paraplegia Society
 - Member, Membership Committee (2002-2005)
 - Member, Research Committee (2005-2008)
 - Member, Board of Directors (2016-Present)
 - Vice President (2017-2019)
 - President (2019-Present)
- Association of Spinal Cord Injury Professionals
 - Member, Governing Board (2017-Present)
 - Vice-President & President-Elect (2019-Present)
- American Medical Association, Member
- Kentucky Academy of Physical Medicine & Rehabilitation
 - President (2000-01)

TEACHING ACTIVITIES

National

- | | |
|----------------|---|
| 1998 - 2002 | Faculty Member, Research Enrichment Program for Physiatrists, Missouri Arthritis Rehabilitation Research & Training Center: NIDRR, St. Louis, MO <ul style="list-style-type: none">▪ Project Design Reviewer, Kansas City, MO, October 30, 1998▪ Project Design Reviewer, Washington, D.C., June 17, 1999▪ Project Design Reviewer, St. Louis, MO, August 6, 1999▪ Project Design Reviewer, St. Louis, MO, November 5, 1999▪ Project Design Reviewer, Washington, D.C., June 15, 2000▪ Project Design Reviewer, St. Louis, MO, September 22, 2000▪ Project Design Reviewer, Washington, D.C., June 14, 2001▪ Project Design Reviewer, St. Louis, MO, October 5, 2001▪ Project Design Reviewer, St. Louis, MO, November 16, 2001▪ Project Design Reviewer, Washington, D.C., June 19-20, 2003 |
| 1999 - 2003 | Member, Rehabilitation Research, Education and Training Committee, American Congress of Rehabilitation Medicine |
| 2002 | Course Director, Exercise Testing in SCI Adults, 79 th Annual Meeting of American Congress of Rehabilitation Medicine, Philadelphia, PA, October 3-6, 2002 |
| 2003 | Course Director, Exercise Screening in Spinal Cord Injury, 29 th Annual Meeting of the American Spinal Injury Association, Miami, FL, April 3-6, 2003 |
| 2004 | Course Director, Obesity in Spinal Cord Injury, 30 th Annual Meeting of the American Spinal Injury Association, Denver, CO, May 16, 2004 |
| 2007 – Present | Oral Board Examiner, American Board of PM&R, Mayo Clinic, Rochester, MN |
| 2012 | Course Director, Obesity Management after Spinal Cord Injury, 38 th Annual Meeting of the American Spinal Injury Association, Denver, CO |

- 2012 Course Director, Exercise to Reduce Obesity after Spinal Cord Injury, American Association of Physical Medicine & Rehabilitation Annual Conference, Atlanta, GA, November 13-16, 2012
- 2014 Course Director, Prescribing Exercise for Persons with SCI, American Association of Physical Medicine & Rehabilitation Annual Conference, San Diego, CA, November 14, 2014
- 2015 Course Director, "The Agony and the Ecstasy: Pain Management after Spinal Cord Injury!" American Association of Physical Medicine & Rehabilitation, Boston, MA, October 2, 2015.
- 2016 Course Director, "Rehabilitation Technology: Developing Fact from Fiction," Association of Academic Physiatrists Annual Conference, Sacramento, CA, February 18-20, 2016.
- 2017 Session Chair: Session 802: Frontier Research of Sports Medicine and Orthopaedic Medicine (II). Global Foot & Ankle Congress 2017, Chongqing, China, May 26-29, 2017.
- 2018 Course Director: Too Sexsci! Sexual Intimacy and Fertility after Spinal Cord Injury. Academy of Spinal Cord Injury Professionals 2018 Educational Conference. New Orleans, LA. 4 September, 2018.
- 2018 Course Director: The Hurtlocker: Pain Management after SCI. AAPM&R Annual Conference, Orlando, FL, 26 October, 2018.
- 2018 Course Director: Breathless: Respiratory Management after SCI. AAPM&R Annual Conference, Orlando, FL, 26 October, 2018.
- 2019 Conference Director: Navigating Early-Career Decisions for Success in Physiatry Practice (AAPM&R). Thomas Jefferson University, Philadelphia, PA 23 March, 2019.

Regional

- 1998 Conference Director, Spinal Cord Injury Management, Lexington VAMC Learning Resource Center, Lexington, KY, October 14, 1998.
- 2001 Conference Director, Spinal Cord and Brain Injury Research Symposia: Clinical Advances in Neurorehabilitation Science, University of Kentucky and Cardinal Hill Rehabilitation Hospital, Lexington, KY, September 28-29, 2001.
- 2004 Conference Director, SCI Clinical Management, VA VISN 11, Ypsilanti, MI, April 27-28, 2004.
- 2007 Conference Director, SCI Clinical Management, VA VISN 4,5,6 & 9, Richmond, VA, Summer, 2007.
- 2008 Conference Director, SCI Clinical Management, VA VISN 4,5,6 & 9, Richmond, VA, Summer, 2008.
- 2009 Conference Director, SCI Clinical Management, VA VISN 4,5,6 & 9, Richmond, VA, September 15-17, 2009.
- 2009 SCI Exposition, Richmond VAMC, Richmond, VA September 18, 2009.
- 2010 Conference Director, SCI Clinical Management, VA VISN 4,5,6 & 9, Richmond, VA, September 7-9, 2010.
- 2011 Conference Director, SCI Clinical Management, VA VISN 4,5,6 & 9, Richmond, VA, August 8-10, 2011.
- 2012 Conference Director, SCI Clinical Management, VA VISN 4,5,6 & 9, Richmond, VA, May 1-3, 2012.

2013	Conference Director, Aging with SCI, VA VISN 4,5,6 & 9, Richmond, VA, June 4-6, 2013.
2016	Conference Planning Committee, Current Concepts in Concussion / Brain Injury Management, PSHCOM, Harrisburg, PA, April 1-2, 2016.
2017	Conference Director, "Current Concepts in Spinal Cord Injury Management," Hershey Country Club, Hershey, PA March 30-31, 2017.
2017	Penn State Health RecFest Director, Penn State Harrisburg, Middletown, PA, April 1, 2017.
2018	Conference Planning Committee, Current Concepts in Limb Loss, Hershey Country Club, Hershey, PA, April 5-6, 2018.
2019	Conference Planning Committee, Current Concepts in Cancer Rehabilitation, Hershey Country Club, Hershey, PA, March 28-29, 2019.

Local

Spring, 1997	Guest Lecturer, Exercise Prescription Class (KHP600), Department of Kinesiology and Health Promotions, University of Kentucky, Lexington, KY
Spring, 1998	Guest Lecturer, In-Service CME, Rehabilitation Nursing Services, Veterans Affairs Medical Center, Lexington, KY
Spring, 1998	Preceptor, IMPI Physical Examination Tutorial (MD811), University of Kentucky College of Medicine, Lexington, KY
Spring, 1998	Featured Speaker, Acute and Chronic Management of Spinal Cord Injured Adults, Internal Medicine Grand Rounds, Veterans Affairs Medical Center, Lexington, KY
Spring, 1998	Guest Lecturer, Exercise Testing and Prescription (KHP600), Department of Kinesiology and Health Promotions, University of Kentucky, Lexington, KY
Spring, 1998	Guest Lecturer, Medical and Psychosocial Aspects of Disabilities II Class (RC516), Rehabilitation Counseling, University of Kentucky, Lexington, KY
Fall, 1998	Guest Lecturer, Spinal Cord (PT827), Physical Therapy, College of Allied Health, Lexington, KY
Spring, 1999	Guest Lecturer, Exercise Testing and Prescription (KHP600), Department of Kinesiology and Health Promotions, University of Kentucky, Lexington, KY
Spring, 2000	Guest Lecturer, Exercise Testing and Prescription (KHP600), Department of Kinesiology and Health Promotions, University of Kentucky, Lexington, KY
Fall 2000	Course Director, Independent Study: Exercise on Insulin Sensitivity in Non-Insulin Dependent Diabetes Mellitus (KHP699), University of Kentucky, Lexington, KY
Spring, 2001	Guest Lecturer, Medical and Psychosocial Aspects of Disabilities II Class (RC516), Rehabilitation Counseling, University of Kentucky, Lexington, KY
Spring, 2001	Guest Lecturer, Exercise Testing and Prescription (KHP600), Department of Kinesiology and Health Promotions, University of Kentucky, Lexington, KY
Spring, 2014	Statistics: Evidence Based Medicine II 723, Facilitator, Penn State College of Medicine, Hershey, PA
Fall 2015	Foundations of Patient-Centered Care 713. PSHCOM, Hershey, PA
Fall 2015	Integrated Science 797F Facilitator, PSHCOM, Hershey, PA
	1. Pressure Ulcer Management (MS3 Surgical Rotation)
	2. Antidepressants & Neurotransmitters
Fall 2015	Science of Health Systems Year 1 Facilitator, PSHCOM, Hershey, PA
Fall 2015	Musculoskeletal Evidence Based Medicine II 723, Facilitator, PSCOM, Hershey, PA

Spring 2016	Neural & Behavioral Science Evidence Based Medicine II 723, Facilitator, PSCOM, Hershey, PA
Spring 2016	Integrated Science 797F Facilitator, PSHCOM, Hershey, PA
	1. Pressure Ulcer Management (MS3 Surgical Rotation)
	2. Antidepressants & Neurotransmitters (MS3 Psychiatry Rotation)
Spring 2016	Science of Health Systems Year 1 Facilitator, PSHCOM, Hershey, PA
May 2016	SCI Special Topics Medical Student Rotation
	1. James Bresnehan
	2. Renuka Rudra

Departmental

1996 - 2001	Director, Senior Board Review Course, PM&R, Lexington, KY
1996 - 2001	Lecturer, Didactic Lecture Series, PM&R, Lexington, KY
1997 - 2001	Lecturer, Practical EMG Course, PM&R, Lexington, KY
1997 - 2001	Coordinator, Departmental Journal Club, PM&R, Lexington, KY
1997 - 2001	Coordinator, Didactic Lecture Series PM&R, Annual Anatomy Course, Lexington, KY
1997 - 2001	Member, Education Committee, Physical Medicine and Rehabilitation, University of Kentucky, Lexington, Kentucky
1997 - 2001	Member, Resident Recruitment Committee, Physical Medicine and Rehabilitation, University of Kentucky, Lexington, Kentucky
2004 - 2006	Program Director, Spinal Cord Injury Fellowship, U Michigan, Ann Arbor, MI
2007 - 2013	Member, Education Committee, Physical Medicine & Rehabilitation, Virginia Commonwealth University, Richmond, VA
2007 - 2013	Program Director, Spinal Cord Injury Fellowship, Virginia Commonwealth University, Richmond, VA
2007 - 2013	Weekly SCI Didactic Lecture Series for PM&R Residents and SCI Fellows, Richmond VAMC, Richmond, VA (18-Lecture Series)
2013 – 2019	Weekly SCI Lecture Series for PM&R / Allied Practitioners, Penn State Hershey Medical Center, Hershey, PA
2015 – 2019	Program Director, PM&R Residency, Penn State Hershey Medical Center, Hershey, PA
2018 –2019	SCI Fellowship Program Director, Penn State University College of Medicine, Hershey, PA

Vastyan Society Clinical Advising (2015-17)

Research Mentoring

Faculty

Lisa Diponio, MD, Impact of SCI CME on Physician Knowledge, 2003-2006
William Scelza, MD, Impact of SCI Modular Education on Resident Knowledge, 2003
Gianna Rodriguez, MD, Neuropathic Pain in Spinal Cord Injury, 2005-2006
Ashraf Gorgey, PT, PhD, Regional Fat & Muscle Hypertrophy in SCI, 2009-Present
David Dolbow, DPT, PhD, Exercise on Aging in SCI, 2010-2013
Benjamin Darter, PT, PhD, Biomechanics of Gait, 2012-2014
Cayce Onks, DO, Functional Screen for Athletic Participation, 2013 – 2015
Rachel Drew, PhD, BP Regulation during Exercise in Rheumatoid Arthritis, 2014 – 2017

Jonathan Stine, MD, Physical Activity on Cardiorespiratory Fitness, Endothelial Dysfunction and Fibrosis in Nonalcoholic Fatty Liver Disease, 2018 – Present

Anne Martin, PhD, Optimizing Exoskeleton Control by Modeling Human Gait Control, 2018 - Present

Post-Doctoral Fellows

Scott Strath, Ph.D., Energy Expenditure in SCI, 2001-2003*

Ann Swartz, Ph.D., Glucose Intolerance in SCI, 2001-2003**

Catherine Curtin, MD, Upper Extremity Reconstruction in Tetraplegia, 2002-2004

Liza Green, MD, Energy Expenditure in Children with CP, 2004-2006

Timothy Lavis, MD, Access to Exercise for those with SCI, 2005-2006

Ashraf Gorgey, PhD, Body Fat & Insulin Sensitivity in SCI, 2005-2006

Ajit Pai, MD, Energy Costs of Spasticity in SCI, 2009-10

Deborah Caruso, MD, Autonomic Dysreflexia in SCI, 2009-10

Timothy Hudson, MD, Shoulder Dysfunction in SCI, 2010-11

Theresa Kent, MD, UTIs after SCI, 2010-11

Camilo Castillo, MD, Positional Cardiac Function in SCI, 2011-12

Jeffrey Tubbs, MD, Testosterone after SCI, 2012-13

Jonathon Stavres, PhD, Cerebrovascular Structure and Function in SCI, 2017-Present

*ACRM Bernard M Barach Essay Contest 3rd Place Winner, 2002

**ACRM Bernard M Barach Essay Contest 1st Place Winner, 2002

Resident Physicians

Terry Troutt, M.D., Treatment of Full-Thickness Pressure Ulcers, 1997-1998

J. J. Wilson, D.O., Bladder Management in Tetraplegia, 1997-1998*

Courtney Hogendorn, M.D., Blood Pressure Measurements in SCI Adults, 1997-1999

Chris Siodlarz, D.O., Shoulder Injuries in Paraplegia, 1997-1999**

Carmela Osborne, M.D., Vocational Outcomes of SCI Adults, 1998-2000*

Sara Salles, D.O., Body Composition & FIM Scores in Multiple Sclerosis, 1998-2000**

Gay Richardson, M.D., Aerobic Exercise Intervention in Tetraplegia, 1998-2001

Sean Brown, M.D., Blood Pressure Measurements in SCI Adults, 1999-2000

George Bitting, MD, Vocational Counseling for SCI in Rural Kentucky, 2000-2001

Fernando Branco, MD, PhD, Exercise Responses in SCI Adults, 2000-2001**

Ajit Pai, MD, Energy Costs of Spasticity in SCI, 2007-08

David Powell, MD, Relationship of Autonomic Dysreflexia and Syringomyelia, 2012

Shannon Schultz, MD, Electronic SCI Education to Improve QOL, 2015-Pres

*Best Research Project, UK PM&R Annual Research Day

**Best Research Plan, UK PM&R Annual Research Day

Medical Students Research

Robert Sisk, Exercise In Spinal Cord Injury, Summer Research Fellowship, 2000-01

Heather Witt, Community Wheelchair Accessibility, 2001

Justin Busch, Pulmonary Function in SCI Body Composition Assessment, 2007

David Powell, Body Density Comparisons in SCI, 2007

Brandon Barnes, Metabolism in SCI, 2011

Britney Tsui, Functional Electrical Stimulation, 2011

Nicholas Pilla, Disability Barriers to Recreation and Sport, 2016

Emma Larson, Electronic Education Modules for Patients with SCI, 2016

Marika Pitot, Nutrition for Persons with SCI, 2017
Joni Fleming, Echocardiographic Changes after SCI, 2017
Taufeeq Ahamed, AAP MSSCE, 2017

Doctoral Dissertation Committees

James Bellew, Ph.D., Strength Training in Older Men and Women, 1998-2000
Jerry Finley, M.S., Validation of a Portable Metabolic Analyzer, 1998-2001
Mark Cullum, M.S., Resistance Training in the Elderly, 2000-2001
Elizabeth Konz, M.S., Body Composition & Metabolism on High Protein Diet, 2000-2001
Antoinette Domingo, M.P.T, Supported Treadmill Walking in SCI, 2004-2006
Helen J. Huang, M.S., Motorized Recumbent Stepping in SCI, 2004-2006
Cortney Bradford, M.S., Gait Training after Stroke, 2009-2011
Ricardo Tanhoffer, M.S., Energy Expenditure after SCI, U Sidney, 2011
Christopher Harnish, M.S., Lactate thresholds for SCI, 2009-2012
Catherine Theisen, MD, Exercise on SCI Cardiometabolic Syndrome, 2014-Pres
Amanda White, MS. Gastrointestinal Autonomic Dysfunction after SCI, 2015-2018
Gary Farkas, MS. Cytokine Biomarkers & Visceral Fat Imaging after SCI. 2015-Pres
Katlynn Mathis. Exercise on Bone Preservation in Post-Menopausal Breast Cancer Survivors. 2018-2019

Masters Thesis Committees

April Crosby, M.S. Candidate, Albuterol on Delayed Onset Muscle Soreness, 1997-1998
Stacey Whatley, M.S. Candidate, Validity of Bioelectrical Impedance, 1998-1999
Brock Symons, M.S., Deep Heat for Delayed Onset Muscle Soreness, 1998-2000
John Frank, B.S., Gait Analysis in Amyotrophic Lateral Sclerosis, 1998-2001
Carol B. Mize, M.S., Blood Pressure Responses in SCI Adults during Exercise, 1999-2000
Brad Rogers, M.S., Body Density in Spinal Cord Injured Adults, 1999-2000
Shu-Hsien Hsiao, B.S., Creatine on Body Composition & Performance, 1999-2000
Sherri Setser, B.S., Body Composition in Pre-pubescent Children, 2000-2001
Adrianne Janowiak, B.S., Body Composition in College Female Athletes, 2000-2001
Wes Ruth, B.S., Creatine on Body Composition & Performance, 2001

Undergraduate Supervision

Cortney Jones, B.S. Candidate, KHP 577, Practicum in Kinesiology, 1999
Tom Matlock, B.S. Candidate, KHP 577, Practicum in Kinesiology, 1999
Mike Purcell, B.S. Candidate, KHP 577, Practicum in Kinesiology, 1999
Adam Taylor, B.S. Candidate, UK Research Volunteer, 1999
Kelly Barron, B.S. Candidate, KHP 577, Practicum in Kinesiology, 1999
Dana Martin, B.S. Candidate, UK Research Volunteer, 1999
Michelle Wolfe, B.S. Candidate, KHP 577, Practicum in Kinesiology, 1999
Celeste Warren, B.S. Candidate, KHP 577, Practicum in Kinesiology, 2000
Michelle Erway, B.S. Candidate, KHP 577, Practicum in Kinesiology, 2001
Tiffani White, B.S. Candidate, KHP 577, Practicum in Kinesiology, 2001
Jill Kneer, B.S. Candidate, UK Research Volunteer, 2001
Chris Holian, B.S. Candidate, UK Research Volunteer, 2001
Nick Desai, B.S. Candidate, VCU Internship in Body Composition Assessment, 2007
Ashley Bruce, B.S. Candidate, University of Mary Washington, Fredericksburg, VA 2010
Julie Radan, B.S. Candidate, VCU Internship in SCI Body Composition Assessment, 2010
Katie Thralls, B.S. Candidate, Seattle Pacific U Internship in SCI Body Composition, 2011

Arion deVries, B.S. Candidate, VCU Internship in SCI Body Composition Assessment, 2012
Tom Novak, B.S. Candidate, VCU Internship in SCI Body Composition Assessment, 2012
John Siegel, B.S. Candidate, VCU Internship in SCI Body Composition Assessment, 2012
Joshua Harman, B.S. Candidate, VCU Internship, SCI Body Composition Assessment, 2013

EXTRAMURAL INVITED PRESENTATIONS

1. Comparison of Blood Glucose Regulation during Exercise and Recovery in Endurance-Trained Oral Contraceptive Users versus Non-Users. Poster Presentation at SW-American College of Sports Medicine, Las Vegas, NV, Spring 1989
2. Physical Medicine and Rehabilitation: Exercise for Persons with Disabilities. Department of Exercise and Sport Sciences, Pepperdine University, Malibu, CA, October 1994
3. Exercise Responses in Spinal Cord Injury. Department of Physical Medicine and Rehabilitation, University of Michigan, Ann Arbor, MI, March 1996
4. Strength and Endurance Training for Women. 10th Annual Interdisciplinary Rehabilitation Conference, Department of Physical Medicine and Rehabilitation, University of Kentucky, Lexington, KY, August 1997
5. Strength Training for Impingement Prophylaxis in Paraplegia. C. Siodlarz, D. R. Gater. Kentucky Medical Association Annual Meeting, Louisville, KY, September 17, 1998,
6. Upper and Lower Extremity Blood Pressure Measurements in SCI Adults. C. Hogendorn, D. R. Gater. Kentucky Medical Association Annual Meeting, Louisville, KY, Sept 17, 1998,
7. It's the Least You Can Do: Minimum Exercise Guidelines. Interviewed by Shiela Anne Feeney, New York Times, distributed by Knight Ridder News Service, Fall, 1998.
8. Keynote Speaker, Acute & Chronic Management of Spinal Cord Injury, Spinal Cord Injury Management Conference, Lexington VAMC Learning Resource Center, Lexington, KY, October 14, 1998.
9. Anatomic and Physiological Considerations in Prescribing Exercise for Spinal Cord Injured Adults. Tutorial, American College of Sports Medicine Southeast Chapter, Norfolk, VA, February, 1999.
10. Deconditioning, Conditioning and Therapeutic Exercise. Department of Physical Medicine and Rehabilitation, UC Davis Medical Center, Sacramento, CA, April, 1999
11. Lipid and Glucose Metabolism after Spinal Cord Injury: A Clinical Perspective. Kentucky Spinal Cord and Brain Injury Symposium, Lexington, KY, April, 1999
12. Correlation of Body Composition, Basal Metabolic Rate, Glucose Tolerance to FIM Scores and the Kurtzke EDSS in Patients with Multiple Sclerosis, Salles SS, Gater DR, Clasey JL: Kentucky Medical Association Annual Meeting, Lexington, KY, September 1999.
13. Aerobic Exercise Intervention and Spinal Cord Injury: The Effect of Graded Exercise on Functional ADL's and Community Mobility, Richardson G, Gater DR, Clasey JL. Kentucky Medical Association Annual Meeting, Lexington, KY, September, 1999.
14. Anatomy of a Structured Research Program for PM&R Residents: How to Set Up a Research Program, Rehabilitation Medicine, U of Pennsylvania, Philadelphia, PA, October, 1999
15. A Heart for Research: Future in Cardiac Rehabilitation. Philadelphia Regional Research Seminars in Rehabilitation, College of Physicians of Philadelphia, PA, October, 1999
16. Exercise Prescription for Spinal Cord Injured Adults. American Alliance for Health, Physical Education, Recreation and Dance, Orlando, Florida, March 2000
17. The Effects of Deep Heat as a Preventative Mechanism of Delayed Onset Muscle Soreness. TB Symons, JL Clasey, DR Gater, D Pascoe, JW Yates. American College of Sports Medicine, Indianapolis, IN, June 2000.
18. Posterior Hip and Leg Pain: Weightlifting. American College of Sports Medicine, Indianapolis, IN, June 2000.

19. Exercise and Health Parameters in Spinal Cord Injury. Sixth Annual Kentucky Spinal Cord and Head Injury Research Symposium, Lexington, KY, June 2000.
20. Correlation of Body Composition, Basal Metabolic Rate, Glucose Tolerance to FIM Scores and the Kurtzke EDSS in Patients with Multiple Sclerosis, Salles SS, Gater DR, Clasey JL. NIDRR Research Enrichment Program for Physiatrists, Washington, D.C., June 2000.
21. Glucose Metabolism in Spinal Cord Injury, Endocrine Research Unit, Department of Endocrinology, Mayo Clinic, Rochester, MN, August, 2000.
22. Exercise Research in Spinal Cord Injury. Paralyzed Veterans Administration, Indiana-Kentucky Chapter, Louisville, KY, September, 2000.
23. Anatomy of a Research Proposal. National Institute on Disabilities and Rehabilitation Research, Research Enrichment Program for Physiatrists, St. Louis, MO, September, 2000.
24. Functional Independence with Bladder Management in Tetraplegia: A Retrospective Study. Wilson JJ, Gater DR. 77th Annual Meeting of the American Congress of Rehabilitation Medicine, Hilton Head, SC, October, 2000.
25. Discussant: Spinal Cord Injury Poster Grand Rounds, 77th Annual Meeting of the American Congress of Rehabilitation Medicine, Hilton Head, SC, October, 2000.
26. Vocational Outcomes in Rural Settings after SCI: A Pilot Study, 77th Annual Meeting of the American Congress of Rehabilitation Medicine, Hilton Head, SC, October, 2000.
27. Exercise Physiology in Spinal Cord Injured Adults. 62nd Annual Assembly of the American Academy of Physical Medicine and Rehabilitation, San Francisco, CA, November, 2000.
28. The ABCs of Rehabilitation Research Funding: Acquiring a Taste for Alphabet Soup, 13th Annual University of Kentucky PM&R Research Day, Lexington, KY, June 2001.
29. Glucose Intolerance and Insulin Resistance in Spinal Cord Injury. University of Michigan, PM&R Grand Rounds, Ann Arbor, MI, July 2001.
30. Exercise Screening in Spinal Cord Injured Adults. Clinical Advances in Neurorehabilitation Research Symposium, Lexington, KY, September 2001.
31. Writing a Research Proposal. National Institute on Disabilities and Rehabilitation Research, Research Enrichment Program for Physiatrists, St. Louis, MO, October, 2001.
32. Research Funding in Rehabilitation. National Institute on Disabilities and Rehabilitation Research, Research Enrichment Program for Physiatrists, St. Louis, MO, November, 2001.
33. High Tech Medical Advances in Spinal Cord Injury Medicine. Let's Talk Wellness with SCI Regional Conference. University of Michigan Model SCI Care System Annual Conference. Ann Arbor, MI, September 28, 2002.
34. Advances in Spinal Cord Injury Management: Keynote Speaker. Michigan Paralyzed Veterans of America. Romulus, MI, October 12, 2002.
35. Exercise Screening in Spinal Cord Injured Adults. 79th Annual American Meeting of the American Congress of Rehabilitation Medicine, Philadelphia, PA, October, 2002.
36. Body Composition Assessment in Spinal Cord Injured Adults. 79th Annual Meeting of the American Congress of Rehabilitation, Philadelphia, PA, October, 2002.
37. Exercise Screening in SCI: Why is it Necessary? 29th Annual Meeting of the American Spinal Injury Association, Miami, FL, April 4, 2003.
38. Environmental Impact on Wheeled Mobility. Wheeled Mobility and Accessible Transportation Summit. Interagency Committee on Disability Research. Washington, D.C., July 22, 2003.
39. The Gift of Health. A Conference for Women with Spinal Cord Injury: Sharing Your Gifts. Novi, MI, September 20, 2003.
40. Energy Metabolism in Spinal Cord Injury. 80th Annual Meeting of the American Congress of Rehabilitation, Tucson, AZ, October, 2003.
41. Body Composition in Spinal Cord Injury. 80th Annual Meeting of the American Congress of Rehabilitation, Tucson, AZ, October, 2003.

42. Aerobic Exercise Improves Work Capacity and Functional Mobility in Spinal Cord Injury. 80th Annual Meeting of the American Congress of Rehabilitation, Tucson, AZ, October, 2003.
43. Exercise Responses to Functional Electrical Stimulation in Spinal Cord Injury. Cleveland FES Center, MetroHealth Medical Center, Cleveland, OH, March 2004.
44. VA SCI&D Hub-and-Spokes Network. VA VISN 11 SCI Clinical Management Educational Conference, Ypsilanti, MI, April 27, 2004.
45. Pathophysiology of SCI. VA VISN 11 SCI Clinical Management Educational Conference, Ypsilanti, MI, April 27, 2004.
46. Cardiopulmonary Dysfunction in SCI. VA VISN 11 SCI Clinical Management Educational Conference, Ypsilanti, MI, April 27, 2004.
47. Annual Evaluations for Persons with SCI. VA VISN 11 SCI Clinical Management Educational Conference, Ypsilanti, MI, April 27, 2004.
48. Long-Term Mechanical Ventilation on Health in SCI, 30th Annual Meeting of the American Spinal Injury Association, Denver, CO, May 14, 2004.
49. Energy Expenditure in SCI, 30th Annual Meeting of the American Spinal Injury Association, Denver, CO, May 14, 2004.
50. Medical Implications from the SCI Model Care Systems, 81st Annual Meeting of the American Congress of Rehabilitation, Jacksonville, FL, September, 2004.
51. Exercise to Reduce Obesity in Spinal Cord Injury. VA SCI Chief's Summit, Seattle, WA, October, 2004.
52. Keynote: Current Research in SCI Medicine, Current Issues and Practices in Rehabilitation for Persons with Spinal Cord Injuries, Special Tree / St. Joseph Mercy Health System, Livonia, MI November 16, 2004.
53. Managing Obesity in Spinal Cord Injury. California Pacific Regional Spinal Cord Injury Conference. San Francisco, CA, 16 April, 2005.
54. Management of the Bariatric Person with Spinal Cord Injury. Contemporary Forums in Spinal Cord Injury. Washington, D.C., 25 April, 2005.
55. Translational Research in Spinal Cord Injury: Bench to Bedside. Advances in Rehabilitation Nursing: Defining Practice from the Inside Out. 20 May, 2005. Ann Arbor, MI, 20 May, 2005.
56. Exercise for Neuroplasticity in Spinal Cord Injury. Connection to SCI Cure: The Science, Ethics and Politics of Spinal Cord Injury Research. Marriott Hotel, Ypsilanti, MI, 21 May, 2005.
57. Obesity in Spinal Cord Injury: A Growing Problem. Abilities Expo. Novi Expo Center, Novi, Michigan, 26 August, 2005.
58. Health Screening Practices of the Model SCI Care Systems. American Paraplegia Society 51st Annual Conference, Riviera Hotel, Las Vegas, NV, 8 September, 2005.
59. Metabolic Syndrome in Spinal Cord Injury. Spinal Cord and Brain Injury Neuro-Rehabilitation Symposium, Lexington Convention Center, Lexington, KY, 30 September, 2005.
60. Cardiovascular Issues in Spinal Cord Injury Medicine. Cleveland SCI Center Annual Training Conference, Cleveland, OH, 10 October, 2005.
61. Disability and Stem Cell Research. Investing in Disabilities Week, Ann Arbor, MI, October 26, 2005.
62. The Metabolic Syndrome. 67th Annual Assembly of the American Academy of Physical Medicine and Rehabilitation, Philadelphia, PA, October 30, 2005.
63. Pathophysiology and Management of Metabolic Syndrome in Spinal Cord Injury. Richmond VAMC, Richmond, VA, November 20, 2005.

64. Locomotor Training in Spinal Cord Injury. Richmond VAMC, Richmond, VA, January 30, 2006.
65. Keynote: Medical Management Issues in Spinal Cord Injury. Current Issues and Practices in Rehabilitation for Persons with Spinal Cord Injuries, Special Tree / St. Joseph Mercy Health System, Livonia, MI February 21, 2006.
66. Functional Electrical Stimulation in Spinal Cord Injury. Contemporary Forums in Spinal Cord Injury. Las Vegas, NV May 12, 2006.
67. Pain Management Classifications in Spinal Cord Injury. Contemporary Forums in Spinal Cord Injury. Las Vegas, NV May 12, 2006.
68. Metabolic Syndrome in Spinal Cord Injury. Contemporary Forums in Spinal Cord Injury. Las Vegas, NV May 12, 2006.
69. (Keynote) Future Needs and Directions: Exercise in Disability. NIDRR RECTEC: State of the Science Conference on Exercise and Recreational Technologies for People with Disabilities. Denver, CO, May 31, 2006.
70. Evidence-Based Exercise Prescription in Spinal Cord Injury. American Paraplegia Society 51st Annual Conference, Riviera Hotel, Las Vegas, NV, 7 September, 2006.
71. Pre-Exercise Screening for Persons with Spinal Cord Injury. American Paraplegia Society 51st Annual Conference, Riviera Hotel, Las Vegas, NV, 7 September, 2006.
72. Exercise Prescription for Persons with Spinal Cord Injury. American Paraplegia Society 51st Annual Conference, Riviera Hotel, Las Vegas, NV, 7 September, 2006.
73. What's New in Spinal Cord Injury Research? SCI Symposium 2006: Life with a Spinal Cord Injury – A Journey Towards Independence, Mary Free Bed Rehabilitation Hospital, Grand Rapids, MI, 22 September, 2006.
74. Intensive Exercise for Health & Wellness in Spinal Cord Injury. SCI Symposium 2006: Life with a Spinal Cord Injury – A Journey Towards Independence, Mary Free Bed Rehabilitation Hospital, Grand Rapids, MI, 22 September, 2006.
75. Intensive Exercise for Neuroplasticity in Spinal Cord Injury. SCI Symposium 2006: Life with a Spinal Cord Injury – A Journey Towards Independence, Mary Free Bed Rehabilitation Hospital, Grand Rapids, MI, 22 September, 2006.
76. Metabolic Issues in Spinal Cord Injury. 15th Annual Spinal Cord Injury Symposium, Virginia Commonwealth University Health System, Virginia Beach, VA, 2 October, 2006.
77. Research Updates in Spinal Cord Injury. 15th Annual Spinal Cord Injury Symposium, Virginia Commonwealth University Health System, Virginia Beach, VA, 2 October, 2006.
78. Incidence of Obesity in SCI and Its Effects on Cardiovascular Disease. Rehabilitation Research & Training Center on Spinal Cord Injury State of the Science Conference, Bethesda Hyatt, Washington, D.C. 3 November, 2006.
79. Implementing Exercise Programs for SCI in Practice. 68th Annual Assembly of the American Academy of Physical Medicine and Rehabilitation, Honolulu, HI, 9 November, 2006.
80. Resistance Training for Optimal Health in Spinal Cord Injury. 68th Annual Assembly of the American Academy of Physical Medicine and Rehabilitation, Honolulu, HI, 12 November, 2006.
81. Controversies for Stem Cell Therapies in Spinal Cord Injury. 68th Annual Assembly of the American Academy of Physical Medicine and Rehabilitation, Honolulu, HI, 12 November, 2006.
82. Obesity and Metabolic Syndrome after Spinal Cord Injury. 2007 Annual Meeting of Association of Academic Physiatrists, San Juan, Puerto Rico, 13 April, 2007.
83. Managing Spasticity in Spinal Cord Injury. United Spinal Association Consumer Conference, Orlando, FL, 27 August, 2007.

84. Obesity in Spinal Cord Injury: Fat Gone Wild! American Paraplegia Society 52nd Annual Conference, Orlando, FL, 28 August, 2007.
85. VHA SCI&D System of Care. SCI Seamless Care Interventions Conference, Hunter Holmes McGuire VAMC, Richmond, VA, 12 September, 2007.
86. Pathophysiology of Spinal Cord Injury. SCI Seamless Care Interventions Conference, Hunter Holmes McGuire VAMC, Richmond, VA, 12 September, 2007.
87. Cardiopulmonary Consequences of Spinal Cord Injury. SCI Seamless Care Interventions Conference, Hunter Holmes McGuire VAMC, Richmond, VA, 12 September, 2007.
88. Current Spinal Cord Injury Research. SCI Seamless Care Interventions Conference, Hunter Holmes McGuire VAMC, Richmond, VA, 13 September, 2007.
89. Annual Evaluations at SCI&D Centers of Care. SCI Seamless Care Interventions Conference, Hunter Holmes McGuire VAMC, Richmond, VA, 13 September, 2007.
90. Incidence of Obesity in SCI and Its Effects on Cardiovascular Disease. National Rehabilitation Hospital, Washington, D.C. 26 September, 2007.
91. Obesity in Spinal Cord Injury. 2007 National Conference of the American Kinesiotherapy Association, Crowne Plaza Richmond-West, Richmond, VA, 5 October, 2007.
92. Metabolic Consequences of Spinal Cord Injury. State of the Science Symposium: Spinal Cord Injury Medicine, Walter Reed Army Medical Center, Bethesda, MD, 11 April, 2008.
93. Fat Gone Wild: Metabolic Consequences of SCI. 2008 Congress of Spinal Cord Medicine, Therapy Leadership Council Keynote Address, Kissimmee, FL, 13 August, 2008.
94. SCI Annual Evaluations. SCI Model Care Systems Conference, Koger Center Holiday Inn, Richmond, VA. 17 September, 2008.
95. Aging in SCI. SCI Model Care Systems Conference, Koger Center Holiday Inn, Richmond, VA. 17 September, 2008.
96. Upper Extremity Management in SCI. SCI Model Care Systems Conference, Koger Center Holiday Inn, Richmond, VA. 17 September, 2008.
97. Spasticity Management in SCI. SCI Model Care Systems Conference, Koger Center Holiday Inn, Richmond, VA. 17 September, 2008.
98. SCI Research Updates. SCI Model Care Systems Conference, Koger Center Holiday Inn, Richmond, VA. 17 September, 2008.
99. Exercise and Sport in Spinal Cord Injury. 70th Annual Assembly of the American Academy of Physical Medicine and Rehabilitation, San Diego, CA, 21 November, 2008.
100. Exercise Training for Neuroplasticity in Spinal Cord Injury. University of Miami, Department of PM&R, Miami, FL, 23 March, 2009.
101. Metabolic Dysfunction after Spinal Cord Injury. Miami Project, Miami, FL, 23 March, 2009.
102. Neuroplasticity after Spinal Cord Injury. 18th Annual Spinal Cord Injury Symposium, Virginia Commonwealth University Health System, Virginia Beach, VA, 28 September, 2009.
103. Importance of Exercise and Nutrition after Spinal Cord Injury. Rural Spinal Cord Injury Rehabilitation Conference, Somerset, KY, 30 September, 2009.
104. Medical Overview of Obesity and SCI: Management and Expected Outcomes. Spinal Cord Injuries, Contemporary Forums, Boston, MA, 12 May, 2010.
105. Metabolic Syndrome: Obesity, Cardiovascular Disease and Diabetes. Spinal Cord Injuries, Contemporary Forums, Boston, MA, 13 May, 2010.
106. Osteoporosis following SCI. Spinal Cord Injuries, Contemporary Forums, Boston, MA, 14 May, 2010.
107. Body Composition Assessment in Children and Adolescents with Disabilities. Obesity in Children with Developmental and/or Physical Disabilities, NIHCHD, Bethesda, MD, 14 July, 2010.

108. Metabolic Syndrome after Spinal Cord Injury. 33rd Annual Interdisciplinary Spinal Cord Injury Course: SCI Practice: Making Sense of a Complex Problem, Rehabilitation Institute of Chicago, Chicago, IL, 29 July, 2010.
109. Exercise and Nutrition for Persons with Spinal Cord Injury. 33rd Annual Interdisciplinary Spinal Cord Injury Course: SCI Practice: Making Sense of a Complex Problem, Rehabilitation Institute of Chicago, Chicago, IL, 29 July, 2010.
110. Annuals Evaluations for SCI&D. VISN 6 Annual SCI Conference, Richmond, VA, 8 September, 2010.
111. Aging after Spinal Cord Injury. VISN 6 Annual SCI Conference, Richmond, VA, 8 September, 2010.
112. Management of Neuropathic Pain after Spinal Cord Injury. VISN 6 Annual SCI Conference, Richmond, VA, 8 September, 2010.
113. Exercise To Reduce Obesity after Spinal Cord Injury. 2010 Annual Meeting of the Academy of Spinal Cord Injury Professionals, Las Vegas, NV, 30 September, 2010.
114. Management of Obesity after Spinal Cord Injury. 71st Annual Conference of American Association of Physical Medicine & Rehabilitation, Seattle, WA, 5 November, 2010.
115. Exercise to Reduce Obesity after Spinal Cord Injury. Kessler Foundation, West Orange, NJ, 19 November, 2010.
116. Cramps, Spasms and other Conundrums. Virginia Geriatric Society, Williamsburg, VA, 18 March, 2011.
117. Annuals Evaluations for SCI&D. VISN 6 Annual SCI Conference, Richmond, VA, 8 August, 2011.
118. Pulmonary Dysfunction & Respiratory Management after Spinal Cord Injury. . VISN 6 Annual SCI Conference, Richmond, VA, 10 August, 2011.
119. Metabolic Dysfunction after SCI: Strategies for Intervention. Kessler Foundation, West Orange, NJ, 8 November, 2010.
120. Exercise To Reduce Obesity after Spinal Cord Injury. Annual Meeting of the Academy of Spinal Cord Injury Professionals, Las Vegas, NV, 6 September, 2011.
121. Metabolic Dysfunction after SCI. Cleveland VAMC, Cleveland, OH, 26 September, 2011.
122. Aging after SCI. American Kinesiotherapy Association Annual Meeting, Orlando, FL, 30 November, 2011.
123. Metabolic Abnormalities after SCI. East Orange VAMC, East Orange, NJ, 12 December, 2011.
124. Fat Gone Wild: Metabolic Dysfunction after SCI. Annual Spencer Lectureship, PM&R Alliance Grand Rounds, Baylor College of Medicine / U Texas Health Sciences Center-Houston, Houston, TX, 27 January, 2012.
125. Annuals Evaluations for SCI&D. VISN 6 Annual SCI Conference, Richmond, VA, 1 May, 2012.
126. Autonomic Dysfunction after SCI. VISN 6 Annual SCI Conference, Richmond, VA, 1 May, 2012.
127. Bone Metabolism after SCI. VISN 6 Annual SCI Conference, Richmond, VA, 1 May, 2012.
128. Managing Veterans with Amyotrophic Lateral Sclerosis: Care Continuum. VISN 6 Annual SCI Conference, Richmond, VA, 1 May, 2012.
129. Aging after SCI. World Congress of Aging. Glasgow, Scotland. 16 August, 2012.
130. Pain Management after SCI. PVA Summit 2012, Las Vegas, NV, 30 August, 2012.
131. Managing Obesity after SCI. 73rd Annual Conference of American Association of Physical Medicine & Rehabilitation, Atlanta, GA, November, 2012.

132. Obesity Drives Metabolic Syndrome in SCI. PVA Summit 2013, Orlando, FL, 27 August, 2013.
133. Body Composition Assessment after Motor Complete SCI. Annual Meeting of the Academy of Spinal Cord Injury Professionals, Las Vegas, NV, 2 September, 2013.
134. Fat Gone Wild! PM&R Inaugural Chair Lecture, Penn State Hershey Medical Center, Hershey, PA, 4 December, 2013.
135. Metabolic Syndrome after Spinal Cord Injury: Fat Gone Wild! Biobehavioral Health, College of Human Health and Development, Penn State University, State College, PA, 14 April, 2014.
136. Innovative Approaches in the Delivery of Rehabilitation Care. Select Medical IRH Division CEO & Medical Director Conference, Fort Worth, TX, 24 April, 2014.
137. Graduate and Post-Graduate Education: Blending Clinical Practice and Teaching. Select Medical IRH Division CEO & Medical Director Conference, Fort Worth, TX, 24 April, 2014.
138. The Role of Nutrition in the Lifelong Health Status of the Neurotrauma Population. 32nd Annual National Neurotrauma Society Symposium. San Francisco, CA, 30 June, 2014.
139. Age Old Consequences of Spinal Cord Injury. Annual Meeting of the Academy of Spinal Cord Injury Professionals, St. Louis, MO, 3 September, 2014.
140. Neuroplasticity after SCI, Kinesiology Department Colloquium, PSU, State College, PA, 22 October, 2014.
141. Metabolic Dysfunction after SCI. Noll Seminar, State College, PA, 23 October, 2014.
142. Fat Gone Wild! Metabolic Dysfunction after SCI. Neurobiology and Anatomy, Drexel University, Philadelphia, PA, 5 November, 2014.
143. Prescribing Exercise for Persons with Spinal Cord Injury. AAPM&R Annual Conference, San Diego, CA, 14 November, 2014.
144. Metabolic Syndrome after Spinal Cord Injury: Fat Gone Wild! Nutrition Department, College of Human Health and Development, Penn State University, State College, PA, 1 December, 2014.
145. Neuroplasticity after SCI. Ortenzio Rehabilitation Research Lecture Series, Penn State Hershey Medical Center, Junker Auditorium, 20 February, 2015.
146. Fat Gone Wild! Metabolic Dysfunction after SCI. American Physiology Society / Experimental Biology Annual Conference, Environmental and Exercise Physiology Section, Boston, MA, 30 March, 2015.
147. Exercise in Charcot-Marie-Tooth Disease. 3rd Annual Hershey Muscle Summit, Hershey, PA, 29 August, 2015.
148. "The Agony and the Ecstasy: Pain Management after Spinal Cord Injury!" AAPM&R Annual Conference, Boston, MA, 2 October, 2015.
149. "Characteristic of a Successful PM&R Chair. Annual Meeting of the Association of Academic Physiatrists, Sacramento, CA, February 2016.
150. Prescribing Exercise for Persons with End-Stage Renal Disease. AAPM&R Annual Conference, New Orleans, LA, 21 October, 2016.
151. Respiratory Dysfunction after SCI. Current Concepts in Spinal Cord Injury Management. Hershey Country Club, Hershey, PA, 30 March, 2017.
152. Fat Gone Wild! Metabolic Dysfunction after SCI. Current Concepts in Spinal Cord Injury Management. Hershey Country Club, Hershey, PA, 31 March, 2017.
153. Fat Gone Wild! Metabolic Dysfunction after SCI. Exercise is Medicine KINES 497B, State College, PA, 27 April, 2017.
154. Fat Gone Wild! Metabolic Dysfunction after SCI. Session 802: Frontier Research of Sports Medicine and Orthopaedic Medicine (II). Global Foot and Ankle Congress, Chongqing, China, 29 May, 2017.

155. Weight Management after SCI. Association of Spinal Cord Injury Professionals Annual Conference, Denver, CO, 5 September, 2017.
156. Cardiometabolic Disease in SCI: Clinical Practice Guidelines. AAPM&R Annual Conference, Denver, CO, 14 October, 2017.
157. Rising to the Challenge: Pathophysiology and Sexual Function after Spinal Cord Injury. AAPM&R Annual Conference, Denver, CO, 14 October, 2017.
158. Neurogenic Obesity. Metabolic Dysfunction after Spinal Cord Injury. Exercise is Medicine KINES 497B, State College, PA, 12 April, 2018.
159. Clinical and Metabolic Sequelae of Spinal Cord Injury. NIH Neural Interfaces Conference, Minneapolis, MN, 26 June, 2018.
160. Neurogenic Obesity after SCI. Miami Project, Miami, FL. 13 July, 2018.
161. Neurogenic Obesity after Spinal Cord Injury: Fat Gone Wild! BIT's 5th Annual World Congress of Orthopaedics. Milan, Italy. 27 July, 2018.
162. Cardiovascular Consequences of Spinal Cord Injury. Academy of Spinal Cord Injury Professionals 2018 Educational Pre-Conference. New Orleans, LA. 2 September, 2018.
163. Endocrine Dysfunction after Spinal Cord Injury. Academy of Spinal Cord Injury Professionals 2018 Educational Pre-Conference. New Orleans, LA. 2 September, 2018.
164. Donald Munro Lecture: Neurogenic Obesity and its Relationship to Metabolic Syndrome in Spinal Cord Injury. Academy of Spinal Cord Injury Professionals 2018 Educational Conference. New Orleans, LA. 3 September, 2018.
165. Rising to the Challenge: Pathophysiology and Sexual Function after Spinal Cord Injury. Academy of Spinal Cord Injury Professionals 2018 Educational Conference. New Orleans, LA. 4 September, 2018.
166. Incidence of Metabolic Syndrome in Spinal Cord Injury. Academy of Spinal Cord Injury Professionals 2018 Educational Conference. New Orleans, LA. 4 September, 2018.
167. Level of Injury Dictates Body Composition, Energy Expenditure and Caloric Intake in Spinal Cord Injury. Academy of Spinal Cord Injury Professionals 2018 Educational Conference. New Orleans, LA. 4 September, 2018.
168. Arm Crank Ergometer Exercise Improves Acute Glucose Kinetics in Paraplegia. Academy of Spinal Cord Injury Professionals 2018 Educational Conference. New Orleans, LA. 4 September, 2018.
169. Neurogenic Obesity: Trimming the Fat! David D. Kilmer, MD Memorial Lecture, UC Davis, Sacramento, CA. 7 September, 2018.
170. SCI Case Study: From Surviving to Thriving. Penn State Health Trauma Pathways 2018. Hershey Country Club, Hershey, PA, 19 September, 2018.
171. Pathophysiology Pain Taxonomy & Tiered Management for SCI. AAPM&R Annual Conference, Orlando, FL, 26 October, 2018.
172. Respiratory Management after SCI. AAPM&R Annual Conference, Orlando, FL, 26 October, 2018.
173. Curriculum Vitae Development and the Academic Promotion & Tenure Portfolio. Navigating Early-Career Decisions for Success in Psychiatry Practice (AAPM&R). Thomas Jefferson University, Philadelphia, PA 23 March, 2019.
174. Licensure, Credentialing and Maintenance of Certification. Navigating Early-Career Decisions for Success in Psychiatry Practice (AAPM&R). Thomas Jefferson University, Philadelphia, PA 23 March, 2019.
175. Key Note: Metabolic Dysfunction and Cardiometabolic Risk after Spinal Cord Injury. William Carey University Research Symposium, William Carey University College of Osteopathic Medicine, Hattiesburg, MS 26 April, 2019.
176. Cardiovascular Consequences of Spinal Cord Injury. Academy of Spinal Cord Injury Professionals 2019 Educational Pre-Conference. Nashville, TN. 1 September, 2019.

177. Endocrine and Metabolic Dysfunction after Spinal Cord Injury. Academy of Spinal Cord Injury Professionals 2019 Educational Pre-Conference. Nashville, TN. 1 September, 2019.
178. Nutrition and Immunological Factors after Spinal Cord Injury. Academy of Spinal Cord Injury Professionals 2019 Educational Pre-Conference. Nashville, TN. 1 September, 2019.
179. Energy Metabolism after Spinal Cord Injury: Point: Counterpoint. Academy of Spinal Cord Injury Professionals 2019 Conference. Nashville, TN. 3 September, 2019.
180. Neurogenic Obesity and Metabolic Function after Spinal Cord Injury. Miami Project to Cure Paralysis, Miami, FL. 11 September, 2019.

Poster Presentations

1. Glucose Tolerance and Body Composition in Spinal Cord Injury. Gater DR, Yates JW, Clasey JL. 2nd National Rehabilitation Research & Development Conference, Arlington, VA. February, 2000.
2. Body Density Determination by Hydrostatic Weighing and Air Displacement Plethysmography in Spinal Cord Injured Adults. Rogers BA, Gater DR, Mize CB, Clasey JL. American College of Sports Medicine, Indianapolis, IN, June 2000.
3. Respiratory Water versus Plasma Samples for the Measurement of Total Body Water in Healthy Adults. Mize CB, Gater DR, Clasey JL. American College of Sports Medicine, Indianapolis, IN, June 2000.
4. Error in Assessing Body Composition in Spinal Cord Injured Individuals Using Traditional Methodologies. Clasey JL, Mize CB, Purcell JW, Yates JW, Gater DR. American College of Sports Medicine, Indianapolis, IN, June 2000.
5. Relationship between Glucose Intolerance and Body Composition in Spinal Cord Injury. Gater DR, Yates JW, Clasey JL. American College of Sports Medicine, Indianapolis, IN, June 2000.
6. Basal Metabolic Rate, Body Composition and Functional Measures for Adults with Multiple Sclerosis versus Healthy Adults. Salles SS, Clasey JL, Gater DR. 62nd Annual Assembly of the American Academy of Physical Medicine and Rehabilitation, San Francisco, CA, November 3, 2000.
7. The Effect of Aerobic Exercise on Endurance and Community Mobility in Spinal Cord Injured Adults. Richardson GA, Clasey JL, Yates JW, Gater DR. 62nd Annual Assembly of the American Academy of Physical Medicine and Rehabilitation, San Francisco, CA, November 4, 2000.
8. Body Composition and Glucose Intolerance in Spinal Cord Injury. Gater DR, Yates JW, Clasey JL. General Clinical Research Centers Annual Meeting, Arlington, VA, March 2001.
9. Body Composition Impacts Glucose Tolerance in Spinal Cord Injury. Gater DR & Clasey JL. Best Poster by a Career Development Awardee. VA Rehabilitation Research & Development 3rd National Meeting, Arlington, VA, February 2002.
10. The Effects of Three Months of High Intensity Strength Training on Leg Strength and Rate of Force Development in Older Adults. Bellew JW, Yates JW, Gater DR: Combined Sections Meeting of the American Physical Therapy Association. February 23, 2002. Boston, MA.
11. The Effects of Strength Training on Leg Strength and Postural Sway in Untrained Older Men and Women. Bellew JW, Yates JW, Gater DR: Physical Therapy 2002: The Annual Conference and Exposition. June 6, 2002. Cincinnati, OH.
12. Body Density Determinations by Hydrostatic Weighing and Air Displacement Plethysmography in Spinal Cord Injured Adults. Clasey JL, Janowiak AL, Gater DR: 6th International Symposium in Vivo Body Composition Studies, Rome, Italy, 2002.

13. The State of Upper Extremity Reconstruction in People with Tetraplegia in the United States. Curtin CM, Gater DR, Chung KC. 15th Annual Moses Gunn Research Conference, U Michigan, Ann Arbor, MI April, 2003.
14. Body Composition on Glucose Tolerance in Spinal Cord Injury. Gater DR & Clasey JL. U Michigan General Clinical Research Symposium, Michigan League, Ann Arbor, MI April 12, 2003.
15. Health complications and quality of life with tetraplegia and long-term mechanical ventilation (LTMV): A cross-cultural study. Glass C, Warschausky S, Forchheimer M, Nelson VS, Gater D. Annual meeting of the UK SCI Centres, Southport, England, July 2005.
16. Total body composition assessment using a 4-compartment model versus dual-energy x-ray absorptiometry in spinal cord injured adults. Clasey JL, Gater DR. 7th International Symposium in Vivo Body Composition Studies. Southampton, England, September 2005.
17. Health complications and quality of life with tetraplegia and long-term mechanical ventilation (LTMV): A cross-cultural study. Glass C, Warschausky S, Forchheimer M, Nelson VS, Gater D. Annual meeting of the International Spinal Cord Society, Munich, Germany, Oct 4-8, 2005.
18. **Top Poster Presentation:** Metabolic Syndrome in Spinal Cord Injury. Castillo C, Miller J, Moore J, Gater D. American Paraplegia Society 52nd Annual Conference, Orlando, FL, 28 August, 2007.
19. Castillo DF, Klausner AP, Miller JM, Grob BM, Gater DR. (2008) Long vs. short course antibiotics in elective urologic surgery in patients with SCI. American Paraplegia Society 52nd Annual Conference, Orlando, FL, 28 August, 2007.
20. Ha CY, Lander S, Miller JM, Castillo DF, Gater DR. (2008) Non-united intertrochanteric fracture causing autonomic dysreflexia managed with total hip arthroplasty. American Paraplegia Society 52nd Annual Conference, Orlando, FL, 28 August, 2007.
21. Moore KE, Gater DR, Klausner AP. (2008) Iatrogenic hydronephrosis due to indwelling urethral catheter. American Paraplegia Society 52nd Annual Conference, Orlando, FL, 28 August, 2007.
22. Pai AB, Miller JM, Gater DR. (2008) Energy Costs of Spasticity in Spinal Cord Injury: A Pilot Investigation. AAPM&R, November, 2008.
23. Dawson C, Poarch H, Lavis T, Castillo D, Gater DR. Autonomic Dysreflexia Resulting from Artificial Urinary Sphincter: A Case Report. Association of Academic Physiatrists Conference, February, 2009.
24. Pai AB, Miller JM, Gater DR. (2009) Prevalence of Amputation after Spinal Cord Injury: A Retrospective Review. Association of Academic Physiatrists Conference, February, 2009.
25. Miller J, Gorgey AS, Gater DR. (2009) Prone Vs. Supine DXA Scans in Ambulatory Subjects: A Pilot Study. American College of Sports Medicine Conference, May, 2009.
26. Gorgey AS, Chiodo AE, Rodriguez GM, Gater DR. (2009) Visceral & Abdominal Subcutaneous Fat and Body Composition in Motor Complete Spinal Cord Injury. American College of Sports Medicine Annual Conference, May, 2009.
27. Gater DR, Gorgey AS. Acute Exercise on Insulin Sensitivity and Glucose Effectiveness in Adults with SCI. Congress Spinal Cord Medicine & Rehabilitation, September, 2009.
28. Gorgey AS, Poarch H, Miller J, Gater DR. Visceral and Subcutaneous Adiposity is Related to Glucose Homeostasis Dysfunction after Spinal Cord Injury. Congress Spinal Cord Medicine & Rehabilitation, September, 2009.
29. Gorgey AS, Poarch H, Gater DR. Reciprocal relation between bone marrow adiposity and cortical area of the femur in individuals with SCI. Academy of Spinal Cord Injury Professionals. 2010 Annual Meeting of the Academy of Spinal Cord Injury Professionals, Las Vegas, NV, September, 2010.

30. Gorgey AS, Poarch H, Gater DR. Insulin growth factors may explain variability in skeletal muscle size in individuals with chronic complete SCI. 2010 Annual Meeting of the Academy of Spinal Cord Injury Professionals, Las Vegas, NV, September, 2010.
31. Gorgey AS, Miller JM, Moore K, Gater DR. Intense Locomotor Training Improved SubMaximal Oxygen Uptake in a Veteran with Spinal Cord Injury. 2010 Annual Meeting of the Academy of Spinal Cord Injury Professionals, Las Vegas, NV, September, 2010.
32. Lavis T, Radkevich K, and Gater DR. Fitness Facility Access for Persons with Spinal Cord Injury. 2010 Annual Meeting of the Academy of Spinal Cord Injury Professionals, Las Vegas, NV, September, 2010.
33. Harnish C, Miller J, Gater DR. Factors Influencing Dual Energy X-ray Absorptiometry, (DXA) in Spinal Cord Injured (SCI) Persons. 2010 Annual Meeting of the Academy of Spinal Cord Injury Professionals, Las Vegas, NV, September, 2010.
34. Electrical Stimulation in Hospitalized SCI Veterans with Pressure Ulcers: Retrospective Review. Annual Meeting of the Academy of Spinal Cord Injury Professionals, Las Vegas, NV, September, 2011.
35. Obstructive Uropathy due to Indwelling Catheter in Small Capacity Bladder. Annual Meeting of the Academy of Spinal Cord Injury Professionals, Las Vegas, NV, September, 2011.
36. Body Composition Assessment in Special Populations, 2014 Annual Meeting of the Association of Academic Physiatrists, Nashville, TN, February, 2014.
37. "Reciprocal Relationships of Saturated and Polyunsaturated Fat with Body Composition in Persons with Spinal Cord Injury." AAPM&R Annual Conference, Boston, MA, October, 2015.
38. "Gender Differences in Visceral Adiposity after a Spinal Cord Injury." AAPM&R Annual Conference, Boston, MA, October, 2015.
39. "Differentiating Between Conversion Disorder and Hemiplegic Migraine: A Case Report." Annual Meeting of the Association of Academic Physiatrists, Sacramento, CA, February 2016.
40. "Optimizing Rehabilitation of Lance Adams syndrome with a multidrug approach." Annual Meeting of the Association of Academic Physiatrists, Sacramento, CA, February 2016.
41. "Differentiating Between Conversion Disorder and Hemiplegic Migraine – How Do You Tell? A Case Report. 2016 Annual Meeting of the Association of Academic Physiatrists, Sacramento, California. February 2016.
42. "Gender Dimorphism in adiposity and its relationship to glucose metabolism and proinflammatory cytokines in spinal cord injury. Academy of Spinal Cord Injury Professionals, Nashville, TN. September 2016.
43. "Adipose Tissue Relates to Glucose Metabolism and Proinflammatory cytokines by level of spinal cord injury. Academy of Spinal Cord Injury Professionals, Nashville, TN. September 2016.
44. "Gustatory Agnosia Following Herpes Simplex Virus Encephalitis: A Case Report. 2016 Annual Meeting of the American Academy of Physical Medicine and Rehabilitation, New Orleans, Louisiana. October 2016.
45. Bresnahan JJ, Farkas GJ, Clasey JL, Yates JW, Gater DR. Aerobic exercise attenuates risk of coronary artery disease and improves mobility in SCI. American College of Sports Medicine Mid-Atlantic Regional Conference, Harrisburg, PA, November 2016.
46. Farkas GJ, Gorgey AS, Dolbow DR, Berg AS, Gater DR. Adipose Tissue Differs and Correlates to Carbohydrate Metabolism and Proinflammatory Adipokines by Level of Spinal Cord Injury. American College of Sports Medicine Mid-Atlantic Regional Conference, Harrisburg, PA, November 2016. **President's Cup Winner.**
47. Shi W, Gater D. An innovative and safe approach to symptomatic lumbar synovial cyst. 2017 AAPM Annual Meeting, Orlando, Florida.

48. Shi W, Gater D. Refractory Back Pain due to Adiposis Dolorosa. Association of Academic Physiatrists Annual Conference, Las Vegas, NV, February 2017.
49. Bresnahan JJ, Farkas GJ, Clasey JL, Yates JW, Gater DR. Aerobic exercise attenuates risk of coronary artery disease and improves mobility in SCI. Association of Academic Physiatrists Annual Conference, Las Vegas, NV, February 2017.
50. Farkas GJ, Gorgey AS, Dolbow DR, Berg AS, Gater DR. Gender Differences in Adiposity and its Relationship to Cardiometabolic Profiles and Proinflammatory Adipokines in Spinal Cord Injury. Experimental Biology Annual Conference, Chicago, IL, April 2017. **American Association of Anatomists Graduate Student Poster First Place.**
51. Shultz S, Grafton L, Gater DR. Gustatory Agnosia following Herpes Simplex Virus Encephalitis: A Case Report. Penn State College of Medicine Resident / Fellow Research Day, Hershey, PA, May 2017.
52. Ahamed T, Romanoski N, Gater DR. Acute Transverse Myelitis Causing Complete Spinal Cord Injury. Association of Academic Physiatrists Annual Conference, Atlanta, GA, February 2018.
53. Pilla N, Farkas GJ, Slavoski K, Gater DR. Perception to barriers following a community wide recreational festival among those with and without a disability. Association of Academic Physiatrists Annual Conference, Atlanta, GA, February 2018. **1 of 10 “Newsworthy” Abstracts for AAP Press Release.**
54. Pitot M, Romanoski N, Gater DR. Indirect Calorimetry for Guiding Nutritional Intervention after Acute Spinal Cord Injury. Association of Academic Physiatrists Annual Conference, Atlanta, GA, February 2018.
55. Lokey N, Farkas GJ, Romanoski N, Gater D. The Impact of Medical Student Patient Navigators on Spinal Cord Injury. Academy of Spinal Cord Injury Professionals 2018 Educational Pre-Conference. New Orleans, LA. 3-5 September, 2018.
56. Abubaker A, Pomilla W, Romanoski N, Rieck, W, Gater DR. Acute Ischemic Left MCA Stroke Causing Hemiparesis and Global Aphasia. Association of Academic Physiatrists Annual Conference, Puerto Rico, February, 2019.
57. Fairfull A, Gater DR. Resident Burnout in PM&R: A Pilot Study. Association of Academic Physiatrists Annual Conference, Puerto Rico, February, 2019.
58. Fairfull A, Kryger M, Gater DR. SCI Rehabilitation for Manual Wheelchair User Requiring Shoulder Surgery. Association of Academic Physiatrists Annual Conference, Puerto Rico, February, 2019.
59. Sabapathy K, Kryger M, Gater DR. Triple Neurological Hit; Chronic Traumatic SCI, AIDP and Multiple Sclerosis. Association of Academic Physiatrists Annual Conference, Puerto Rico, February, 2019.
60. Solaiman AZ, Hong JS, Ni JR, Walter V, Gater DR, Grafton LM. Examining the Role of Non-Cognitive Factors in Symptoms after Concussion: Preliminary Findings. Association of Academic Physiatrists Annual Conference, Puerto Rico, February, 2019.

Local Presentations

1. The Health Benefits of Exercise for Women. Achievement Rewards for College Scientists Luncheon, Phoenix, AZ, May 1987
2. The Physiological Foundation of Strength Training. University of Arizona, Tucson, AZ, Spring 1988.
3. The Role of Diet and Nutritional Supplements in Strength Training. National Strength and Conditioning Association: Arizona Strength Symposium, Scottsdale Community College, Scottsdale, AZ, Spring 1989.

4. Coronary Artery Disease (CAD) Risk Factors and Exercise Metabolism in Endurance-Trained Eumenorrheics and Oral Contraceptive Users. Poster Presentation at Arizona Exercise Science Symposium, Tempe, AZ, Spring, 1989.
5. Nutrition Supplementation on Glucose Tolerance Parameters with Resistance Training. AZ Exercise Science Symposium, Arizona State University, Tempe, AZ, Spring, 1990.
6. The Effects of Amino Acid Supplementation and Resistance Training on Oral Glucose Tolerance and Glomerular Filtration Rate. University of Arizona College of Medicine, Department of Physiology, Tucson AZ, December 1990.
7. ECG Interpretation during Graded Exercise Testing. Canyon Ranch Fitness Resort, Department of Exercise Physiology, Tucson, AZ, September 1991.
8. Upper versus Lower Motor Neuron Anatomy and Physiology. UC Davis Medical Center, Department of Physical Medicine and Rehabilitation, Sacramento CA, August 1993.
9. The Autonomic Nervous System. UC Davis Medical Center, Department of Physical Medicine and Rehabilitation, Sacramento, CA, September 1993.
10. Exercise Prescription for Special Populations. UC Davis Medical Center, Department of Physical Medicine and Rehabilitation, Sacramento CA, March 1994.
11. Exercise Physiology. UC Davis Medical Center, Department of Physical Medicine and Rehabilitation, Sacramento CA, March 1994.
12. The Physiology of Exercise. UC Davis Medical Center, PM&R Lecture Series for Medical Students, Sacramento CA, Summer and Fall 1994.
13. The Musculoskeletal Examination of the Shoulder and Knee. UC Davis Medical Center, PM&R Lecture Series for Medical Students, Sacramento, CA, Spring 1995.
14. Spinal Cord Injury: Epidemiology, Prognosis for Recovery and Medical Complications. UC Davis Medical Center, PM&R Lecture Series for Medical Students, Sacramento, CA, 1995.
15. Introduction to EKGs. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, January 1997.
16. EKG: Ischemia and Infarct. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, February 1997.
17. EKG: Arrhythmias and Hypertrophy. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, February 1997.
18. Exercise Prescription in CAD, COPD Patients. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, April 1997.
19. Exercise Prescription for Diabetes Mellitus, Rheumatoid Arthritis and Peripheral Vascular Disease. U of Kentucky, Kinesiology and Health Promotions, Lexington, KY, April 1997.
20. Introduction to EKGs. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, February 1998.
21. EKG: Ischemia and Infarct. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, February 1998.
22. EKG: Arrhythmias and Hypertrophy. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, February 1998.
23. Comprehensive Pulmonary Rehabilitation. Rehabilitation Counseling, Lexington, KY, March, 1998.
24. Exercise Prescription in Cardiac Rehabilitation. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, March, 1998.
25. Exercise Prescription for Special Populations. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, April 1998.
26. Exercise Prescription for Women. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, April 1998.
27. Comprehensive Cardiac Rehabilitation. Rehab Counseling, Lexington, KY, April, 1998.

28. Spinal Cord Injury: Acute and Chronic Management Issues. Medicine Grand Rounds, Veterans Affairs Medical Center, Lexington, KY, April, 1998.
29. Management of the Neurogenic Bladder in Spinal Cord Injury. Nursing In-Service, Veterans Affairs Medical Center, Lexington, KY, April, 1998.
30. Management of the Neurogenic Bowel in Spinal Cord Injury. Nursing In-Service, Veterans Affairs Medical Center, Lexington, KY, May, 1998.
31. Cardiac Rehabilitation, P.T./O.T./Nursing In-Service, Veterans Affairs Medical Center, Lexington, KY, September 17, 1998.
32. Acute and Chronic Management of Spinal Cord Injury. Learning Resource Center, Continuing Education Program, Veterans Affairs Medical Center, Lexington, KY, October 14, 1998.
33. Anatomic Correlations in Spinal Cord Injury. Physical Therapy, U of Kentucky, Lexington, KY, October 20, 1998.
34. Introduction to EKGs. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, February 1999.
35. EKG: Ischemia and Infarct. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, February 1999.
36. EKG: Arrhythmias and Hypertrophy. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, February 1999.
37. Exercise Prescription for Women. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, April 1999.
38. Exercise Prescription for Special Populations. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, April 1999.
39. Exercise Prescription in Cardiac & Pulmonary Rehabilitation. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, April, 1999.
40. Exercise on Glucose Tolerance and Body Composition in Spinal Cord Injury. University of Kentucky Chandler Medical Center, May, 1999.
41. Glucose Intolerance in Spinal Cord Injured Adults. University of Kentucky, Nutritional Sciences Seminar Series, September, 1999.
42. Introduction to EKGs. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, February 2000.
43. EKG: Ischemia and Infarct. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, February 2000.
44. EKG: Arrhythmias and Hypertrophy. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, February 2000.
45. Exercise Prescription for Women: Special Cases. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, April 2000.
46. Exercise Prescription for Cardiac and Pulmonary Rehabilitation. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, April 2000.
47. Exercise Prescription in Chronic Disease. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, April 2000.
48. Glucose Metabolism in Spinal Cord Injury, Endocrine Research Unit, Department of Endocrinology, Mayo Clinic, Rochester, MN, August, 2000.
49. Physiological Consequences of Spinal Cord Injury. University of Kentucky, Department of Physiology, Lexington, KY, August 2000.
50. Introduction to EKGs. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, February 2001.
51. EKG: Ischemia and Infarct. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, February 2001.

52. EKG: Arrhythmias and Hypertrophy. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, February 2001.
53. Comprehensive Rehabilitation in Spinal Cord Injury. Rehabilitation Counseling 516, Lexington, KY, March, 2001.
54. Exercise Prescription for Cardiac and Pulmonary Rehabilitation. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, April 2001.
55. Exercise Prescription in Diabetes, Rheumatoid Arthritis, and Peripheral Vascular Disease. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, April 2001.
56. Rehabilitation in Spinal Cord Injury: An Overview. Clinical Correlations Course, 2nd year Medical Students, U Michigan College of Medicine, Ann Arbor, MI, February 8, 2002.
57. Glucose Intolerance and insulin Resistance in Spinal Cord Injury. The University of Michigan Model Spinal Cord Injury Care System Lecture Series, U Michigan, Ann Arbor, MI, February 2002.
58. Exercise on Glucose Tolerance and Insulin Sensitivity in Spinal Cord Injury. Center for Exercise Research Seminar Series, Kinesiology, U Michigan, Ann Arbor, MI, March 2002.
59. Exercise and Glucose Intolerance in Spinal Cord Injury. Advanced Rehabilitation Research Training Program Seminar Series, U Michigan Dept. PM&R, Ann Arbor, MI, March 2002.
60. Insulin Sensitivity in Spinal Cord Injury. Geriatrics Research Group, U Michigan, Ann Arbor, MI, March 2002.
61. Exercise Prescription in Spinal Cord Injury. Michigan Rehabilitation Nurses Annual Conference, Advances in Rehabilitation Nursing: Strategies for Today and Tomorrow. Ann Arbor, MI, May 16, 2002.
62. Spinal Cord Injuries. Rehabilitation Methods PMR 510, U Michigan, Ann Arbor, MI, June 10, 2002.
63. Rehabilitation in Spinal Cord Injury: An Overview. Clinical Correlations Course, 2nd year Medical Students, U Michigan College of Medicine, Ann Arbor, MI, February 7, 2003.
64. Spinal Cord Injury Basics. U Michigan UC106 Health Sciences Scholars Program. U Michigan College of Medicine, Ann Arbor, MI, March 17, 2003.
65. Spinal Cord Injuries and the Professionals Who Treat Them. Health Sciences and Technology Course, Huron High School, Ann Arbor, MI, April 28, 2003.
66. Exercise Screening in Spinal Cord Injury: Why is it Necessary? James Rae Scientific Day, U Michigan PM&R, Sheraton Hotel, Ann Arbor, MI, May 2, 2003.
67. Research Funding in PM&R. Advanced Rehabilitation Research Training Program Seminar Series, U Michigan Dept. PM&R, Ann Arbor, MI, August 22, 2003.
68. Spinal Cord Anatomy, Function and Injury. University of Michigan "Disabilities Issues: Focus on Spinal Cord Injury" Course #N214, Ann Arbor, MI, September 15, 2003.
69. Exercise in Disability. Rehabilitation Methods PMR 510, U Michigan, Ann Arbor, MI, October 6, 2003.
70. Practical Aspects of Spinal Cord Injury: Panel Discussion. University of Michigan "Disabilities Issues: Focus on Spinal Cord Injury" Course #N214, Ann Arbor, MI, October 6, 2003.
71. Current Topics in SCI Research. University of Michigan "Disabilities Issues: Focus on Spinal Cord Injury" Course #N214, Ann Arbor, MI, November 22, 2003.
72. Insulin Resistance in Spinal Cord Injury. Ann Arbor VAHS HSR&D Working Seminar, Ann Arbor, MI, December 9, 2003.
73. Research in Spinal Cord Injury: A VA Perspective. Ann Arbor VAHS PM&R Staff Meeting, Ann Arbor, MI, January 8, 2004.
74. Obesity in Spinal Cord Injury. University of Michigan Model Spinal Cord Injury Care System Lecture Series. June 23, 2004.

75. Translational Research in Spinal Cord Injury. University of Michigan Model Spinal Cord Injury Care System Lecture Series. July 28, 2004.
76. Spinal Cord Anatomy, Function and Injury. University of Michigan “Disabilities Issues: Focus on Spinal Cord Injury” Course #N214, Ann Arbor, MI, September 22, 2004.
77. Obesity in Spinal Cord Injury. University of Michigan General Clinical Research Center Lecture Series. September 21, 2004.
78. Current Topics in SCI Research. University of Michigan “Disabilities Issues: Focus on Spinal Cord Injury” Course #N214, Ann Arbor, MI, November 3, 2004.
79. Bench to Bedside: Translational Research in SCI Medicine. Ann Arbor VAHS PM&R Staff Meeting, Ann Arbor, MI, December 16, 2004.
80. SCI Care Research: A Systems Approach. Advanced Rehabilitation Research Training Program Seminar Series, U Michigan Dept. PM&R, Ann Arbor, MI, December 17, 2004.
81. Diabetes in Spinal Cord Injury. Washtenaw Area Diabetes Educators, Ann Arbor, MI, June 20, 2005.
82. Cardiac Rehabilitation. University of Kentucky, Department of Physical Medicine and Rehabilitation, Cardinal Hill Rehabilitation Hospital Lexington, KY, September 30, 2005.
83. Metabolic Syndrome in Spinal Cord Injury: Fat Chance! Hunter Holmes McGuire VAMC Medical Grand Rounds, Richmond, VA, 20 October, 2006.
84. Obesity and Metabolic Syndrome in SCI. Human Health & Performance, Doctoral Seminar Series, 28 March, 2007.
85. Spinal Cord Injury: Chaplain Care. Hunter Holmes McGuire VAMC Chaplains Conference, Richmond, VA, 30 March, 2007.
86. Autonomic Dysfunction in Spinal Cord Injury. Surgical Grand Rounds, Southside Regional Medical Center, Petersburg, VA. 1 May, 2007.
87. Obesity in Spinal Cord Injury: Fat Gone Wild! PM&R Grand Rounds, Virginia Commonwealth University, Richmond, VA. 4 May, 2007.
88. Respiratory Management of Spinal Cord Injury. Medical Grand Rounds, Hunter Holmes McGuire VAMC, Richmond, VA 29 February, 2008.
89. Autonomic Crisis in Spinal Cord Injury. Medical Grand Rounds, Hunter Holmes McGuire VAMC, Richmond, VA, 24 October, 2008.
90. Exercise and Nutrition for SCI Health. Spinal Cord Injury Association of Virginia, Med South, Richmond, VA, 19 January, 2010.
91. Amyotrophic Lateral Sclerosis Management Continuum. Medical Grand Rounds, Hunter Holmes McGuire VAMC, Richmond, VA, 29 January, 2010.
92. SCI: Care versus Cure. Spinal Cord Injury Association of Virginia, Med South, Richmond, VA, 16 November, 2010.
93. Autonomic Dysfunction after Spinal Cord Injury. Medical Grand Rounds, Hunter Holmes McGuire VAMC, Richmond, VA, 12 April, 2013.
94. Metabolic Syndrome after Spinal Cord Injury: Fat Gone Wild! Department of Cellular & Molecular Biology, Penn State Hershey Medical Center, 17 January, 2014.
95. PM&R in the Neurosciences Continuum. Neurology Grand Rounds, Penn State Hershey Medical Center, Hershey, PA, 1 August, 2014.
96. Acute Complications after SCI. Neurosurgery Grand Rounds, Penn State Hershey Medical Center, Hershey, PA, 5 December, 2014.
97. Cardiovascular Conundrums: Autonomic Dysreflexia after Spinal Cord Injury. Cardiology Grand Rounds, Heart & Vascular Institute, Penn State Hershey Medical Center, Hershey, PA, 2 March, 2015.
98. Pressure Injury in Paraplegia. Integrated Science 797F, PSHCOM, Hershey, PA, 10 July, 2015.

99. PM&R Continuum. PM&R Interest Group. Penn State Health College of Medicine. Hershey, PA, 18 September, 2015.
100. Autonomic Dysreflexia after Spinal Cord Injury. Emergency Medicine Grand Rounds, Penn State Hershey Medical Center, 30 March, 2016.
101. Blending Perspectives: Patient – Physician – Nurse after Spinal Cord Injury. PM&R Interest Group. Penn State Health College of Medicine. Hershey, PA, 16 May, 2016.
102. Taking the Dis out of Disability. World Culture Club, Hershey Museum, 10 October, 2016.
103. Plexus Vexes: A Shot in the Dark. PM&R Interest Group. Penn State Health College of Medicine. Hershey, PA, 8 November, 2016.
104. Rehabilitation Performance Testing. PM&R Interest Group. Penn State Health College of Medicine. Hershey, PA,
105. ECG Analysis and Interpretation. PM&R Interest Group. Penn State Health College of Medicine. Hershey, PA, 12 April, 2017.
106. Autonomic Dysfunction after Spinal Cord Injury: Cardiovascular Conundrums. Internal Medicine Grand Rounds. Penn State Health College of Medicine. Hershey, PA, 18 July, 2017.
107. Plexus Vexes: A Shot in the Dark. PM&R Interest Group. Penn State Health College of Medicine. Hershey, PA, 29 November, 2017.
108. Spinal Cord Injury Exercise and Nutrition: Conceptual Engagement (SCIENCE). 19th Annual Mini-Medical School. Penn State Health College of Medicine. Hershey, PA, 6 March, 2018.
109. Plexus Vexes: A Shot in the Dark. PM&R Interest Group. Penn State Health College of Medicine. Hershey, PA, 6 November, 2018.
110. Spinal Cord Injury in Need of Biomedical Engineering. BME 419, Penn State University, Hershey Center for Applied Research, Hershey, PA, 5 April, 2019.

Departmental Presentations

1. Clinical Evaluation and Treatment of Common Shoulder Disorders. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, August 1996
2. Therapeutic Exercise/Exercise Physiology. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, September 1996
3. Clinical Correlates of Shoulder Anatomy. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, October 1996
4. Senior Board Review Course. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, November 1996 through May 1997
5. NMJ: Physical and Repetitive Stimulation. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class, Lexington, KY, March 1997
6. Myasthenia Gravis. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, March 1997
7. Neuromuscular Junction Pathology. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, March 1997
8. Polymyositis. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, March 1997
9. Myopathies. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class, Lexington, KY, March 1997

10. Amyotrophic Lateral Sclerosis. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, March 1997
11. Motor Neuron Disease. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, March 1997
12. Cardiac Rehabilitation. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, July 1997
13. Functional Neuromuscular Stimulation. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, August 1997
14. Pulmonary Rehabilitation. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, August 1997
15. Senior Board Review Course. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, October 1997 thru April 1998
16. Upper Extremity Injections. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, October, 1997
17. Repetitive Stimulation Techniques. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class, Lexington, KY, March, 1998
18. Research Principles in Rehabilitation Medicine, Department of Physical Medicine and Rehabilitation, Lexington, KY, July 10, 1998
19. Deconditioning, Conditioning and Therapeutic Exercise. Department of Physical Medicine and Rehabilitation, Lexington, KY, August 21, 1998
20. Clinical Evaluation and Treatment of Common Shoulder Disorders. Department of Physical Medicine and Rehabilitation, Lexington, KY, October 6, 1998
21. Lower Limb Nerve Conduction Studies. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class, Lexington, KY, October, 1998
22. Introduction to Needle EMG. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class, Lexington, KY, November, 1998
23. Upper and Lower Extremity Screening EMG. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class, Lexington, KY, December, 1998
24. Ulnar Nerve Studies. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class, Lexington, KY, February 1999
25. Myasthenia Gravis. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, March 1999
26. Neuromuscular Junction Pathology. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, March 1999
27. NMJ: Physical and Repetitive Stimulation. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class, Lexington, KY, March 1999
28. Polymyositis. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, March 1999
29. Myopathies. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class, Lexington, KY, March 1999
30. Amyotrophic Lateral Sclerosis. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, March 1999
31. Motor Neuron Diseases. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, March 1999
32. Repetitive Nerve Stimulation. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class Lexington, KY, March 1999
33. Facial Nerve Studies. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class Lexington, KY, March 1999

34. Cardiac Rehabilitation. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, July 1999
35. Senior Board Review Course. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, September 1999 thru April 2000
36. Functional Electrical Stimulation. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, August 1999
37. Pulmonary Rehabilitation. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, September, 1999
38. Upper Extremity Injections. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, October, 1999
39. Lower Limb Nerve Conduction Studies. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class, Lexington, KY, October, 1999
40. Introduction to Needle EMG. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class, Lexington, KY, November, 1999
41. Upper and Lower Extremity Screening EMG. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class, Lexington, KY, December, 1999
42. Ulnar Nerve Studies. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class, Lexington, KY, February 2000
43. Repetitive Nerve Stimulation. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class Lexington, KY, March 2000
44. Facial Nerve Studies and Blink Responses. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class Lexington, KY, March 2000
45. Senior Board Review Course. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, July 2000 thru March 2001
46. Research Principles in Rehabilitation Medicine, Department of Physical Medicine and Rehabilitation, Lexington, KY, July 14, 2000
47. Deconditioning, Conditioning and Therapeutic Exercise. Department of Physical Medicine and Rehabilitation, Lexington, KY, August 18, 2000
48. Clinical Evaluation and Treatment of Common Shoulder Disorders. Department of Physical Medicine and Rehabilitation, Lexington, KY, October 10, 2000
49. Lower Limb Nerve Conduction Studies. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class, Lexington, KY, October, 2000
50. Introduction to Needle EMG. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class, Lexington, KY, November, 2000
51. Upper and Lower Extremity Screening EMG. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class, Lexington, KY, December, 2000
52. Ulnar Nerve Studies. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class, Lexington, KY, February 2001
53. NMJ: Physical and Repetitive Stimulation. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class, Lexington, KY, March 2001
54. Amyotrophic Lateral Sclerosis. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, February 2001
55. Motor Neuron Diseases. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, February 2001
56. Polymyositis. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, March 2001
57. Myopathies. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class, Lexington, KY, March 2001

58. Facial Nerve Studies and Blink Responses. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class Lexington, KY, March 2001
59. Myasthenia Gravis. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, March 2001
60. Neuromuscular Junction Pathology. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, March 2001
61. Traumatic versus Atraumatic Spinal Cord Injury. University of Michigan, Department of Physical Medicine and Rehabilitation, Ann Arbor, MI, April 11, 2002.
62. Somatic Nervous System Disruption with Spinal Cord Injury. University of Michigan, Department of Physical Medicine and Rehabilitation, Ann Arbor, MI, April 25, 2002.
63. Autonomic Nervous System Disruption with Spinal Cord Injury. University of Michigan, Department of Physical Medicine and Rehabilitation, Ann Arbor, MI, April 25, 2002.
64. Implementing the "Revised 2000 ASIA International Standards for Neurological Classification of Spinal Cord Injury" into Clinical Practice. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, July 19, 2002.
65. Acute Management of Spinal Cord Injuries. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, December 5, 2002.
66. Exercise Physiology. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, December 12, 2002.
67. Deconditioning. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, December 12, 2002.
68. Exercise Screening in Spinal Cord Injury. Advanced Rehabilitation Research Training Program Seminar Series, U Michigan Dept. PM&R, Ann Arbor, MI, March 2003.
69. The Heart of Cardiac Rehabilitation. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, June 12, 2003.
70. Essentials of Pulmonary Rehabilitation. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, June 12, 2003.
71. Autonomic Function after SCI. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, August 7, 2003.
72. DVT/PE Prophylaxis and treatment options in SCI. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, August 21, 2003.
73. Pressure Sore Prophylaxis and Treatment in SCI. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, August 21, 2003.
74. University of Michigan Model SCI Care System. University of Michigan PM&R OT/PT Services, Ann Arbor, MI, August 18, 2003.
75. Technology for Function and Health in SCI. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, August 28, 2003.
76. Spinal Cord Injury Research Update. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, September 8, 2003.
77. Exercise Responses to Functional Electrical Stimulation in Spinal Cord Injury. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, March 18, 2004.
78. Cardiac Rehabilitation. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, March 25, 2004.
79. Pulmonary Rehabilitation. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, March 25, 2004.
80. SCI Research at U Michigan. Outpatient PT, University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, March 25, 2004.
81. Obesity in Spinal Cord Injury. PM&R Grand Rounds. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, July 22, 2004.

82. Pathophysiology of Spinal Cord Injury. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, July 22, 2004.
83. Acute Management of Spinal Cord Injury. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, July 22, 2004.
84. Cardiovascular Consequences of Spinal Cord Injury. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, July 29, 2004.
85. Pulmonary Dysfunction in Spinal Cord Injury. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, July 29, 2004.
86. Autonomic Dysfunction in Spinal Cord Injury. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, August 2, 2004.
87. Translational Research in Spinal Cord Injury: From Bench to Bedside. University of Michigan Model Spinal Cord Injury Care System Lecture Series. September 30, 2004.
88. Clinical Correlations with Shoulder Anatomy in PM&R. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, January 18, 2005.
89. Clinical Correlations with Brachial Plexus and Upper Extremity Anatomy in PM&R. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, January 25, 2005.
90. Pathophysiology of Spinal Cord Injury. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, July 21, 2005.
91. Acute Management of Spinal Cord Injury. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, July 21, 2005.
92. Cardiovascular Consequences of Spinal Cord Injury. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, July 28, 2005.
93. Pulmonary Dysfunction in Spinal Cord Injury. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, July 28, 2005.
94. Autonomic Dysfunction in Spinal Cord Injury. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, August 1, 2005.
95. Spasticity in Spinal Cord Injury. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, August 1, 2005.
96. Mentoring in Physical Medicine & Rehabilitation. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, November 3, 2005.
97. Statistical Analyses in Physical Medicine & Rehabilitation. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, November 3, 2005.
98. Writing Grant Proposals in Physical Medicine & Rehabilitation. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, November 10, 2005.
99. Clinical Correlations with Brachial Plexus and Upper Extremity Anatomy in PM&R. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, January 24, 2006.
100. Clinical Correlations with Shoulder Anatomy in PM&R. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, January 31, 2006.
101. Bowel Management after Spinal Cord Injury. PM&R In-service, University of Michigan SCI Nursing, Ann Arbor, MI, February 24, 2006. Repeated x 3 for SCI&D.
102. Pulmonary Dysfunction in Spinal Cord Injury. SCI&D Grand Rounds, Hunter Holmes McGuire VAMC, August 18, 2006. Repeated x 3 for SCI&D.
103. Autonomic Dysfunction in Spinal Cord Injury. SCI&D Grand Rounds, Hunter Holmes McGuire VAMC, October 13, 2006.
104. Research Statistics in Rehabilitation Medicine. SCI&D Grand Rounds, Hunter Holmes McGuire VAMC, April 6, 2007.
105. Functional Electrical Stimulation in Spinal Cord Injury. SCI&D Grand Rounds, Hunter Holmes McGuire VAMC, April 6, 2007.

106. Spasticity Management in Spinal Cord Injury. SCI&D Grand Rounds, Hunter Holmes McGuire VAMC, April 20, 2007.
107. Pain Taxonomy and Management in SCI. SCI&D Grand Rounds, Hunter Holmes McGuire VAMC, September 28, 2007.
108. Spasticity Management in Spinal Cord Injury. SCI&D Grand Rounds, Hunter Holmes McGuire VAMC, April 20, 2007.
109. Anatomy of a Presentation. SCI&D Grand Rounds, Hunter Holmes McGuire VAMC, January 18, 2008.
110. Upper Extremity Management in SCI. SCI&D Grand Rounds, Hunter Holmes McGuire VAMC, March 14, 2008.
111. Exercise to Reduce Obesity in Spinal Cord Injury, SCI&D Grand Rounds, Hunter Holmes McGuire VAMC, July 11, 2008.
112. Autonomic Dysfunction in Spinal Cord Injury: Paroxysmal Hypertensive Crisis Intervention, SCI&D Grand Rounds, Hunter Holmes McGuire VAMC, September 23, 2008.
113. Introduction to Grant Writing and Funding. PM&R Grand Rounds, Virginia Commonwealth University, Richmond, VA. 20 February, 2009.
114. Oral Presentation Skills. PM&R Grand Rounds, Virginia Commonwealth University, Richmond, VA. 27 March, 2009.
115. Amyotrophic Lateral Sclerosis Management Continuum. SCI&D Grand Rounds, Hunter Holmes McGuire VAMC, Richmond, VA, 22 January, 2010.
116. Anatomy of a Presentation. SCI&D Grand Rounds, Hunter Holmes McGuire VAMC, Richmond, VA, 28 May, 2010.
117. Electrodiagnostic Work-up for Myopathies. PM&R Grand Rounds, Virginia Commonwealth University, Richmond, VA, 28 May, 2010.
118. Functional Electrical Stimulation for Spinal Cord Injury. PM&R Grand Rounds, Virginia Commonwealth University, Richmond, VA, 17 September, 2010.
119. Cardiac Rehabilitation, PM&R Education Rounds, Virginia Commonwealth University, Richmond, VA, 15 April, 2011.
120. Exercise & Diet for Obesity Interventions after SCI. PM&R Education Rounds, Virginia Commonwealth University, Richmond, VA, 16 December, 2011.
121. Writing a Research Proposal. PM&R VAMC Education Rounds, Richmond VAMC, Richmond, VA, 16 February, 2012.
122. Physiological Aging after SCI. PM&R Education Rounds, Virginia Commonwealth University, Richmond, VA, 17 February, 2012.
123. Are You Smarter Than a 5th Grader – or, How to Prepare for Oral Board Examinations! PM&R Education Rounds, Virginia Commonwealth University, Richmond, VA, 1 February, 2013.
124. Anatomy of a Presentation. Physical Medicine & Rehabilitation Grand Rounds, PSHMC, Hershey, PA, 8 November, 2013.
125. Metabolic Syndrome after SCI: Fat Gone Wild. Physical Medicine & Rehabilitation Grand Rounds, PSHMC, Hershey, PA, 22 November, 2013.
126. PM&R in Neurosciences Continuum. Physical Medicine & Rehabilitation Grand Rounds, PSHMC, Hershey, PA, 27 June, 2014.
127. Pulmonary Management after SCI. Physical Medicine & Rehabilitation Grand Rounds, PSHMC, Hershey, PA, 25 July, 2014.
128. PM&R in the Health Care Continuum. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 1 July, 2015.
129. Rehabilitation Teamwork: Overview. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 17 July, 2015.

130. Upper Extremity Injections. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 31 July, 2015.
131. Plexopathies. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 28 August, 2015.
132. Acute Management of SCI. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 28 August, 2015.
133. International Standards for Neurological Classification of SCI. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 28 August, 2015.
134. PM&R Journal Club Guidelines, Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 28 August, 2015.
135. Autonomic Dysfunction after SCI. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 25 September, 2015.
136. Spasticity Management after SCI. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 25 September, 2015.
137. Respiratory Management after SCI. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 25 September, 2015.
138. Neurogenic Bladder Management after SCI. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 9 October, 2015.
139. Neurogenic Bowel Management after SCI. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 9 October, 2015.
140. Pressure Ulcer Management after SCI: The Good, The Bad and The Ugly. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 16 October, 2015.
141. Bone Metabolism after SCI. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 16 October, 2015.
142. Functional Electrical Stimulation for SCI. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 16 October, 2015.
143. Adaptive Sport and Recreation for Persons with Disabilities. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 30 October, 2015.
144. The Anatomy of a Presentation. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 20 November, 2015.
145. Bone Metabolism and Management of Osteoporosis. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 18 March, 2016.
146. PM&R in the Health Care Continuum. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 1 July, 2016.
147. Rehabilitation Teamwork: Overview. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 15 July, 2016.
148. Upper Extremity Injections. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 29 July, 2016.
149. Plexopathies. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 29 July, 2016.
150. Cardiac Rehabilitation. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 12 August, 2016.
151. Peripheral Arterial Disease Rehabilitation. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 12 August, 2016.
152. Pulmonary Rehabilitation. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 12 August, 2016.
153. Exercise in End Stage Renal Disease. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 11 November, 2016.
154. Acute Management of SCI. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 20 January, 2017.

155. International Standards for Neurological Classification of SCI. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 20 January, 2017.
156. Cardiovascular Dysfunction after SCI. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 20 January, 2017.
157. Autonomic Dysfunction after SCI. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 24 February, 2017.
158. Spasticity Management after SCI. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 25 24 February, 2017.
159. Respiratory Management after SCI. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 24 February, 2017.
160. Neurogenic Bladder Management after SCI. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 10 March, 2017.
161. Neurogenic Bowel Management after SCI. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 10 March 2017.
162. Upper Extremity Management after SCI. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 17 March 2017.
163. Pain Management after SCI. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 17 March 2017.
164. Metabolic Dysfunction after SCI. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 17 March 2017.
165. Pressure Injury Management after SCI. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 24 March, 2017.
166. Bone Metabolism after SCI. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 24 March, 2017.
167. Functional Electrical Stimulation for SCI. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 24 March, 2017.
168. Sexuality after SCI. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 21 April, 2017.
169. Exercise and Sport after SCI. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 21 April, 2017.
170. Neuroplasticity after SCI. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 21 April, 2017.
171. The Anatomy of a Research Proposal. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 30 June, 2017.
172. The ABCs of Research Funding. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 30 June, 2017.
173. Research Statistics in PM&R. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 30 June, 2017.
174. The PM&R Team Continuum at Penn State Health. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 7 July, 2017.
175. The Anatomy of a Presentation. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 11 August, 2017.
176. Oral Board Examination Procedures. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 11 May, 2018.
177. Cardiac Rehabilitation. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 01 June, 2018.
178. Peripheral Arterial Disease Rehabilitation. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 01 June, 2018.
179. Pulmonary Rehabilitation. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 01 June, 2018.

180. Anatomy of a Research Proposal. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 29 June, 2018.
181. ABCs of PM&R Research Funding. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 29 June, 2018.
182. Biostatistical Analyses of PM&R Research. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 29 June, 2018.
183. Penn State Rehabilitation Continuum. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 2 July, 2018.
184. PM&R Teamwork. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 06 July, 2018.
185. Academic Careers in PM&R. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 06 July, 2018.
186. Acute Management of SCI. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 24 August, 2018.
187. Neurological Classification of SCI. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 24 August, 2018.
188. Cardiovascular Dysfunction after SCI. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 21 September, 2018.
189. Autonomic Dysfunction after SCI. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 21 September, 2018.
190. Respiratory Management after SCI. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 21 September, 2018.
191. Upper Extremity Management after SCI. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 28 September, 2018.
192. Functional Electrical Stimulation for SCI. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 28 September, 2018.
193. Metabolic Dysfunction after SCI. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 12 October, 2018.
194. Bone Metabolism after SCI. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 12 October, 2018.
195. Exercise and Sport after SCI. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 12 October, 2018.
196. Stem Cell Therapy for SCI. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 28 December, 2018.
197. Locomotor Training and Neuroplasticity after SCI. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 28 December, 2018.
198. SCI Advocacy. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 28 December, 2018.
199. Anatomy of a Research Proposal. Physical Medicine & Rehabilitation Educational Didactics, PSHMC, Hershey, PA, 5 April, 2019.

COMMITTEE AND ADMINISTRATIVE SERVICE

National

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|-------------|--|
| 1998 - 2002 | Faculty Member, Research Enrichment Program for Physiatrists, Missouri Arthritis Rehabilitation Research and Training Center: NIDRR, St. Louis, Missouri |
| 1999 | Member, Awards Committee, American Congress of Rehabilitation Medicine |

1999 - 2002	Member, Rehabilitation Research, Education and Training Committee, American Congress of Rehabilitation Medicine
June, 2000	Session Chair, Clinical Advances in the Management of Spinal Cord Injury and Head Trauma, 6th Annual Kentucky Spinal Cord and Head Injury Research Symposium
September, 2001	Director, Advances in Neurorehabilitation Research Symposium, U Kentucky & Cardinal Hill Rehabilitation Hospital
2002 - 2005	Member, Membership Committee, American Paraplegia Society
2002 - 2003	Member, Research Committee, Association of Academic Physiatrists
2002 - 2005	Member, Research Committee, American Spinal Injury Association
2004 - 2012	Member, Executive Committee, VA SCI QERI (Quality Enhancement Research Initiative) Group
2005 - 2008	Member, Research Committee, American Paraplegia Society
2005 - 2007	Chairman, Communications / Newsletter Committee, American Spinal Injury Association
2007 - 2014	Member, Board of Directors, The Recovery Project, Ann Arbor, MI
2007 - 2012	Member, Paralyzed Veterans of America Research Foundation Scientific Advisory Board
2007 - Present	Oral Board Examiner, ABPMR, Mayo Clinic, Rochester, MN
2009 - 2018	Panel Member, Carbohydrate & Lipid Disorders in SCI, Consortium for Spinal Cord Medicine Clinical Practice Guidelines
2011 - 2012	Chair, Medical Committee, 32 nd National Veterans Wheelchair Games
2012 - 2014	Chair, VHA RR&D Spinal Cord Injury Review Panel
2013 - Present	Member, AAPM&R Conference Planning Committee
2013 - Present	Member, Association of Academic Physiatrists Chairs' Council
2015 - 2016	Member, Association of Academic Physiatrists Conference Planning Committee
2016 - Present	Member, American Paraplegia Society Board of Directors
2017 - Present	Vice President, American Paraplegia Society
2017 - Present	Member, Association of Academic Physiatrists Governance Committee
2017 - Present	Member, Academy of SCI Professionals Governance Board

Regional and Local

1985 - 1992	Young Life Ministries HS Leader / Mentor, Flowing Wells HS, Tucson, AZ
1995 - 1996	Member, Resident Medical Staff Committee, UC Davis Medical Center, Sacramento, CA
1992 - 1996	Young Life Ministries Mentor, Sacramento, CA
June, 1996	Camp Physician, Muscular Dystrophy Association Regional Summer Camp, Sacramento, California
Summer, 1996	Volunteer Camp Physician, Malibu Young Life, Vancouver, British Columbia, Canada
1996 - 2001	Young Life Ministries Camp Physicals, Lexington, Kentucky
1996 - 2001	Young Life Ministries Leadership Training, Lexington, Kentucky
1997 - 2001	Team Physician, Kentucky WheelCats, Lexington, Kentucky
1997 - 2001	Medical Director, Exercise Physiology Laboratory, Kinesiology and Health Promotions, Seaton Center, University of Kentucky, Lexington, Kentucky
1997 - 2001	Member, Board of Directors, Kentucky WheelCats Incorporated, Lexington, Kentucky

1998 - 2001	Coordinator, Spinal Cord Injury Clinical Research Committee, University of Kentucky, Lexington, Kentucky 2000 – Present President, Kentucky Academy of Physical Medicine & Rehabilitation
1998 - 2001	Member, Research and Development Committee, Veterans Affairs Medical Center, Lexington, Kentucky
1999 - 2001	Alternate, Institutional Review Committee, U of Kentucky, Lexington, KY
1999 - 2001	Member, Steering Committee for Ph.D. Program in Exercise and Sport Sciences, Department of Kinesiology & Health Promotions, University of Kentucky, Lexington, Kentucky
2000 - 2001	Chair, Neurorehabilitation Symposium Planning Committee
2000 - 2001	Co-Chair, Search Committee for Endowed Chair of Neurorehabilitation Research, Spinal Cord Injury Clinical Research and Traumatic Brain Injury Clinical Research
2000 - 2001	Member, Cardinal Hill Rehabilitation Hospital Research Committee
2002 - 2006	Young Life Ministries Leadership Training & Mentor, Ann Arbor, MI
2005 - 2006	Young Life Ministries Wyldlife Leader, Ann Arbor, MI
2002 - 2006	Mentor, NIDRR Advanced Rehabilitation Research Training Program, University of Michigan Department of PM&R
2002 - 2006	Mentor, NRSA /T32 Program, University of Michigan Medical Rehabilitation Research Training Program
2002 - 2006	Chairman, UMMSCICS Interdepartmental Acute Spinal Cord Injury Program (IASCIP)
2002 - 2006	Chairman, UMMSCICS Spinal Cord Injury Rehabilitation Program Group (SCIRPG)
2002 - 2006	Member, Center for the Advancement of Clinical Research (CACR) Advisory Committee, U Michigan
2003 – 2006	Member, Board of Directors, Ann Arbor Center for Independent Living
2006 - 2010	Young Life Ministries Area Committee, Chesterfield County, VA
2006 - 2010	Young Life Ministries Wyldlife Leader, Chesterfield County, VA
2006 - 2011	Young Life Ministries Family Camp Physician, Rockbridge County, VA
2010 - 2013	Young Life Ministries HS Leader, Chesterfield County, VA
2007	Chairman, ACGME Internal Review Committee for VCU Orthopedics
2007	Member, Chief of Staff Search Committee, HH McGuire VAMC
2007 – Present	Medical Executive Board, HH McGuire VAMC, Richmond, VA
2008 – Present	Research Committee, HH McGuire VAMC, Richmond, VA
2008 – 2013	Strategic Planning Committee, HH McGuire VAMC, Richmond, VA
2009 – 2012	Joint Leadership Council, Hunter Holmes McGuire VAMC, Richmond, VA
2009 – 2010	Member, Internal Medicine Chair Search Committee, VCU, Richmond, VA
2010 – 2013	Member, Peer Review Committee, HH McGuire VAMC, Richmond, VA
2010 – 2012	Director, CTSA K12 Program, VCU, Richmond, VA
2012	Chairman, ACGME Internal Review Committee for Neurophysiology, VCU, Richmond, VA
2012	Member, Promotion & Tenure Review Committee for A. Gentili, Geriatrics
2013 – 2019	Member, PSHMC Clinical Chairs Committee, Hershey, PA
2013 – 2019	Member, PSHMC Executive Committee, Hershey, PA
2013 – 2019	Member, PSHMC Board of Governors Committee, Hershey, PA
2013 – 2014	Member, PSHMC Board of Governors Operations Committee, Hershey, PA
2013 – 2014	Member, PSHMC Research Team
2013 – 2019	Member, PSHCOM Academic Progress Committee, Hershey, PA
2013- 2019	Member, PSHRH Medical Staff Committee, Hummelstown, PA

2013 – 2019	Member, PSHRH Board of Governors, Hummelstown, PA
2014 – 2019	Member, PSHMC Bundled Payment Care Redesign Work Group
2015 – 2019	Member, Quality Executive Committee, PSHMC, Hershey, PA
2015 – 2017	Advisor, Vastyan Society, PSHCOM, Hershey, PA
2015 – 2019	Faculty Member, KL2 Junior Faculty Development, CTSI, PSHCOM, Hershey, PA

Departmental

1996 - 2001	Chairman, Research Committee, Physical Medicine and Rehabilitation, University of Kentucky, Lexington, Kentucky
1997 - 2001	Member, Education Committee, Physical Medicine and Rehabilitation, University of Kentucky, Lexington, Kentucky
1997 – 2001	Member, Resident Recruitment Committee, Physical Medicine and Rehabilitation, University of Kentucky, Lexington, KY
June, 1998	Director, PM&R Research Day, University of Kentucky, Lexington, Kentucky
1998 - 2001	Director of Research, Department of Physical Medicine and Rehabilitation, University of Kentucky, Lexington, Kentucky
June, 1999	Director, PM&R Research Day, University of Kentucky, Lexington, Kentucky
June, 2000	Director, PM&R Research Day, University of Kentucky, Lexington, Kentucky
2002 – 2006	Member, Residency Recruitment Committee, PM&R, U Michigan, Ann Arbor, MI
2002 – 2006	Member, Research Advisory Committee, PM&R, U Michigan, Ann Arbor, MI
2004 – 2006	Director, ACGME Accredited Spinal Cord Injury Fellowship, U Michigan, Ann Arbor, MI
2005 – 2006	Member, PM&R Chair Search Committee, U Michigan, Ann Arbor, MI
2006 – 2013	Director, Advanced Spinal Cord Injury Research Fellowship Program, Hunter Holmes McGuire VAMC, Richmond, VA.
2007 – 2013	Member, Residency Training Program Committee, Virginia Commonwealth University Department of PM&R
2007 – 2013	Director, ACGME Accredited Spinal Cord Injury Fellowship, Hunter Holmes McGuire VAMC / Virginia Commonwealth University, Richmond, VA.
2013 – 2019	Member, PSHMC PM&R Education Committee
2015 – 2019	Director, ACGME PM&R Residency Training Program, PSHCOM, Hershey, PA
2015 – 2019	Member, PM&R Program Evaluation Committee, PSHCOM, Hershey, PA
2015 – 2019	Member, PM&R Clinical Competency Committee, PSHCOM, Hershey, PA
2018 – 2019	Director, ACGME SCI Fellowship, PSHCOM, Hershey, PA

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