

**PATRICK H. KITZMAN, PH.D., MSPT  
CURRICULM VITAE**

**GENERAL INFORMATION**

Office Address: 208 Charles Wethington Building  
Department of Rehabilitation Sciences  
900 S. Limestone Street  
Lexington, KY 40536

Office Telephone: 859-218-0580

e-mail: [phkitz1@email.uky.edu](mailto:phkitz1@email.uky.edu)

**CERTIFICATION & LICENSURE**

Certification of Specialty Licensure: Physical Therapy, Kentucky, 1999  
Licensed Physical Therapist, License Number- 003796, Kentucky, 2000

**EDUCATION:**

- 1982-1987 University of Wisconsin-LaCrosse. Bachelors of Science.  
Majors in both Biology and Business Administration
- 1988-1990 University of Wisconsin-Milwaukee. Masters of Science.  
Thesis Title: *The Effects of Angiotensin II and Estradiol-17 $\beta$  on Ovarian Ultrastructure and Steroidogenesis*
- 1990-1994 Ohio State University. Doctorate of Philosophy  
Dissertation Title: *The Origin and Physiological Effects of Serotonin on Neurons within the Cerebellar Nuclei*
- 1994-1997 University of Kentucky. Postdoctoral Fellowship.
- 1997-1999 University of Kentucky. Bachelor of Health Sciences-Physical Therapy.
- 1999 University of Kentucky. Masters of Science in Physical Therapy.

Continuing Education Courses:

- 06/2000 Sitting Solutions: Principles of Wheelchair Positioning and Mobility Devices
- 04/2004 Essentials of Orthopedic Care
- 07/28/05 Making Evidence-Based Practice a Reality: A Primer
- 05/20/06 Neurology Symposium
- 09/20/08 Advances in Spasticity Management
- 10/21/08 Pressure Ulcer management: Assessment to Closure and Everything in Between
- 2000-present Attend yearly meetings for both the American Physical Therapy Association and Neuroscience community.
- 2009 The Rural Spinal Cord Injury Rehabilitation Conference.
- 2010 The 2<sup>nd</sup> Annual Rural Spinal Cord Injury Rehabilitation Conference
- 2011 13 Annual Kentucky Rural Health Association Conference
- 2011 The 3<sup>rd</sup> Annual Kentucky Appalachian Rural rehabilitation Network Conference
- 2012 14<sup>th</sup> Annual Kentucky Rural Health Association Conference, Rural Health Is What Moves us.
- 2012 The 4<sup>th</sup> Annual Kentucky Appalachian Rural Rehabilitation Network Conference
- 2013 The 5<sup>th</sup> Annual Kentucky Appalachian Rural Rehabilitation Network Conference
- 2014 The 6<sup>th</sup> Annual Kentucky Appalachian Rural Rehabilitation Network Conference

- 2014 Therapeutic Approaches to Dementia  
2015 The 7<sup>th</sup> Annual Kentucky Appalachian Rural Rehabilitation Network Conference

**PROFESSIONAL EXPERIENCE:**

- 1994-1997 Postdoctoral Scholar. Department of Pathology. The University of Kentucky.  
Training in molecular neurobiology.

**ACADEMIC APPOINTMENTS:**

- 02/01/00-01/31/06 Assistant Professor. Rehabilitation Sciences Doctoral Program & Division of Physical Therapy, College of Health Sciences, University of Kentucky.  
05/01/00-Present Faculty Associate. Spinal Cord and Brain Injury Research Center, University of Kentucky.  
02/01/06-06/30/16 Associate Professor with tenure. Rehabilitation Sciences Doctoral Program and Division of Physical Therapy, College of Health Sciences, University of Kentucky.  
05/15/08 – 06/31/11 Director of Graduate Studies, Rehabilitation Sciences Doctoral Program, College of Health Sciences, University of Kentucky  
2011-present Faculty Associate, Kentucky Injury Prevention and Research Center. University of Kentucky  
07/01/16-present Professor with tenure. Rehabilitation Sciences Doctoral Program and Division of Physical Therapy, College of Health Sciences, University of Kentucky.  
09/01/2016-present Associate Dean for Research, College of Health Sciences, University of Kentucky.

**HOSPITAL or CLINICAL APPOINTMENTS:**

- Fall 2001-2009 Pro Bono clinical assistance at the Salvation Army Free clinic.  
04/00-12/00 Progressive Therapy: 3138 Custer Drive, Suite 210; Lexington, KY 40517. Home Health Physical Therapist.  
2002-2003 Cardinal Hill Rehabilitation Hospital. Lexington, KY.  
2006-2008 Kenton Nursing Facility, Lexington, KY

**TEACHING ACTIVITY:**

University of Wisconsin-Milwaukee:

- 1988-1989 Graduate Teaching Assistantship in Human Anatomy and Physiology II. Department of Biology.  
1988-1989 Graduate Research Assistantship. Department of Biology.

The Ohio State University:

- 1990-1991 Graduate Research Associate. Department of Cell Biol. Neurobiology and Anatomy. The Ohio State University.  
1991-1994 Graduate Teaching Assistant for Medical Gross Anatomy and Neuroscience. Department of Cell Biol. Neurobiology and Anatomy. The Ohio State University.

University of Kentucky:

- 1997 Teaching Assistantship in Gross Anatomy for Physical Therapy. Department of Physical Therapy.
- 1997-1993 Tutor for Physical Therapy 802 (Neuroanatomy) course.
- 2000-2003 Tutor for Physical Therapy 802 (Neuroanatomy) course.
- 2000-2018 Coordinator/instructor for the Rehabilitation Sciences 770 (Professional seminar)
- 2000-2018 Coordinator/instructor for the Physical Therapy 831 (Neurophysiology) course.
- 2001-Present Lecturer in Physical Therapy 847 (Medical and PT Management of Neurological Problems) course.
- 2002-2016 Co-coordinator/instructor for the RHB 710 (Neuroplasticity in Rehabilitation) course.
- 2004-Present Lecturer in RHB 744 (Advanced Issues in Motor Development) course.
- 2004-Present Faculty Supervisor for RHB 788 (Independent Study in Rehabilitation Science) course.
- 2005-present Lecturer in ANA 605/780 and PGY 630 Special Topics Course: CNS Injury and Repair

Courses Currently Teaching in the Doctoral in Physical Therapy Curriculum:

- PT 831 (Neurophysiology)-Coordinator/instructor
- PT 847 (Management of Neurological Systems I)-Lecturer
- PT 827 (Management of Neurological Systems II) –Lecturer
- PT 854 (Pathology and Clinical Application) -Lecturer

Courses Currently Teaching in the Rehabilitation Sciences Doctoral Program Curriculum:

- RHB 710 (Neuroplasticity)-Coordinator/instructor
- RHB 770 (Professional Seminar in Research) – Coordinator/instructor
- RHB 744 (Advanced Issues in Motor Development)-Lecturer
- RHB 788 Independent Studies in Rehabilitation Science
- RHB 789 Research Apprenticeship in Rehabilitation Sciences

**ADVISING ACTIVITY:**

- 2001-2002 Advisor for undergraduate student in Biology 393 (independent research).
- July 2001 Mentor for Young Women in Science Program.
- 2001-2009 Clinical Instructor for Physical Therapy students at the Salvation Army Free clinic.
- 2001-Present Academic advisor for 8-12 Doctoral Level Physical Therapy Students each year.

Master's Committees:

- 2000 Charles Hazel, Member Graduate Thesis Committee
- 2004-2005 Advisor for Undergraduate student ABT-301 (Writing and Presentations in the Life Sciences) course, which is the capstone course in Agriculture Biotechnology.
- 2004-Present Faculty supervisor for RHB 788 (Independent Study in Rehabilitation Sciences) for RHB Doctoral Students.

### **Masters in Physical Therapy Program**

- 2001-2007 Advisor for Masters of Physical Therapy student Research Projects.
- Feb 2003 Student Platform Presentation: Jonathan Averdick and Casey Kalb, American Physical Therapy Association Combined Sections Meetings. These students won the *2003 Entry Level Student Research Award from the Neurology Section of the American Physical Therapy Association* with research they conducted in my laboratory.
- Feb 2004 Student Platform Presentation: Matt Day and Nicki Spafford, American Physical Therapy Association Combined Sections meetings.

### **Doctorate in Physical Therapy Program:**

- 2007-Present DPT Research and Faculty advisor
- 2010 Two groups of students developed the first two parts of a series of education materials titled “Travel Tips for People in Wheelchairs” in collaboration with Kentucky Appalachian Rural rehabilitation Network (KARRN) community partners who are in wheelchairs. These first two handouts provide the types of questions that should be asked when traveling with a wheelchair either to hotels or state parks (15 state and local parks) as well as practical solutions to common barriers to traveling with a wheelchair. These handouts have been disseminated through the KARRN website ([www.karrn.org](http://www.karrn.org)) and at multiple conferences and local meetings. These materials are available to anyone upon request.
- 2011 A third group of students assessed the accessibility of 15 additional Kentucky state and local parks and developed the Travel Tips for Kentucky Parks Part 2 handout. These handouts have been disseminated through the KARRN website and at multiple conferences and local meetings. These materials are available to anyone upon request.
- 2012 Two groups have completed the assessment of the wheelchair accessibility of the remaining Kentucky state and local recreational areas and have created the Travel Tips for Parks Parts 3 and 4 educational handouts.
- Two additional groups of students have developed a series of short educational videos demonstrating wheelchair transfers from basics to the real world. Several of these videos were developed in collaboration with the Kentucky AgrAbility program and demonstrate transfers onto a tractor, skid loader, zero radius mower, golf cart, car and truck. These videos have been extensively viewed at local and national meetings as well as internationally (through You Tube). All videos can be viewed through the KARRN website and are made available to anyone upon request.
- 2013 One group developed an easy to follow educational handout of available resources for individuals who have had a brain injury. This was a collaboration with a community member who is a caregiver of a person with TBI and the Director of the States Traumatic Brain Injury Trust.

- 2014 One Group is examining the wheelchair accessibility of the local government buildings and developing recommendations for improvements.
- 2015 One group conducting a qualitative study of care transitions for people who have had a stroke in Appalachian KY. This project was funded through the UK Center for Clinical and Translational Sciences. One group assisting in the analysis of the efficacy of a new medication tracking program designed for the consumer. This project was funded through the Paralyzed Veterans of America.

Doctoral Committees:

Completed:

1. Lori Bogla (Rehabilitation Sciences Doctoral Program) PhD Dissertation Committee (2005).
2. Connie Lamb (Nursing) PhD. Dissertation Defense outside reviewer (2006).
3. Henry White (Rehabilitation Sciences Doctoral Program) PhD Dissertation Committee (2007).
4. Scott Shaffer (Rehabilitation Sciences Doctoral Program) PhD Dissertation Committee (2007).
5. Robert English (Rehabilitation Sciences Doctoral Program) PhD Dissertation Committee (2008).
6. Charles Hazel (Rehabilitation Sciences Doctoral Program) PhD Dissertation Committee. (2009).
7. Maureen Dwyer (Rehabilitation Sciences Doctoral Program) PhD Dissertation Committee. (2009).
8. Kathleen Yancosek (Rehabilitation Sciences Doctoral Program) PhD Dissertation Committee. (2010).
9. Ashwini Joshi (Rehabilitation Sciences Doctoral Program) PhD Dissertation Committee (2011).
10. Claire Davies (Rehabilitation Sciences Doctoral Program) PhD Dissertation Committee (2011).
11. Andrea Cripps (Rehabilitation Sciences Doctoral Program) PhD Dissertation Committee. (2013).
12. Christine Waters (Rehabilitation Sciences Doctoral Program) PhD Dissertation Committee (2013).
13. Megan Danzl (Rehabilitation Sciences Doctoral Program) PhD Dissertation Committee-Chair (2013).
14. Nicole Etter (Rehabilitation Sciences Doctoral Program) PhD Dissertation Committee (2014).
15. Suzanne Martin (Rehabilitation Sciences Doctoral Program) PhD Dissertation Committee-Chair (2014).

16. Brian Gregg (Rehabilitation Sciences Doctoral Program) PhD Dissertation Committee-Chair (2016).
17. Conrad Gabler (Rehabilitation Sciences Doctoral Program) PhD Dissertation Committee. (2016).
18. Audrey Johnson (Rehabilitation Sciences Doctoral Program) PhD Dissertation Committee (2017).
19. Renee Causey-Upton (Rehabilitation Sciences Doctoral Program) PhD Dissertation Committee-Co-Chair (2018).
20. Ryan Husak (Rehabilitation Sciences Doctoral Program). PhD Dissertation Committee-Co-Chair (2018).
21. Lobegang Tiro (Rehabilitation Counseling), PhD Committee, member (2018)

Current Doctoral Students:

1. Kathleen Sutton (Rehabilitation Sciences Doctoral Program), PhD Committee, Co-Chair
2. Maria Bane (Rehabilitation Science Doctoral Program), PhD Committee, member
3. Afnan Gmmash (Rehabilitation Sciences Doctoral Program), PhD Committee, member
4. Valerie Miller (Rehabilitation Sciences Doctoral Program), PhD Committee Co-Chair.
5. Jordana Lockwich (Rehabilitation Sciences Doctoral Program), PhD Committee Co-Chair

Mentorship:

May 2009 Claire Davies (RHB doctoral student). Successfully submitted a grant proposal titled” Understanding the process involved in Physical Therapist’s decision-making when assessing and determining interventions for individuals with acute low back pain” to the Kentucky Physical Therapy Association.

ADMINSTRATIVE ACTIVITY AND UNIVERSITY SERVICE

University:

2002, 2004 Member, Committee to review incoming freshman academic scholarship applications.

2004-Present Grant Reviewer, UK Faculty Research Support Program.

2006-2008 Member of Health Care Colleges Council

2009-2011 Member of Health Care Colleges Council

2009-present CHS representative to the UK REACH Operations Group

2012-2014 Member of Health Care Colleges Council

2013- 2015 Member of the UK CCTS pilot grant review committee

2013-present Director of the UK CCTS Appalachian Translational Research Network

2014-present Co-Director Kentucky Appalachian Stroke Registry

2014 Conference Chair for the 9<sup>th</sup> Annual CCTS Spring Conference and 4<sup>th</sup> Annual ATRN Summit

- 2014-2017 Member of Steering Committed for the University of Kentucky Center for Health Services Research.
- 2015 Conference Chair for the 5<sup>th</sup> Annual ATRN Summit
- 2013-2016 Director of the Overall Appalachian Translational Research Network
- 2017-present Member of the UK Office of Sponsored Projects (OSPA) Advisory Committee
- 2017-present Member of the Cardiovascular Disease Core Work Group for the Vice President for Research.
- 2017-present Member of the University of Kentucky Center of Excellence in Rural Health Research Advisory Committee.
- 2018-present Member of the University of Kentucky Human Development Institute Research and Evaluation Committee
- 2018-present Clinical Research Support Office (CRSO)/CTMS Implementation Steering Committee
- 2018-2019 College of Public Health Senior HSR researcher Search Committee
- 2018-2019 College of Public Health Senior Gerontology researcher Search Committee
- 2019 College of Education Senior Rehabilitation Counseling research Search Committee

College:

- 2002-2003 Member, College of Allied Health Professions Academic Affairs Committee.
- 2002-2003 Member, College of Health Science CQI committee.
- 2003-2004 Member, Task Force to evaluate the research program of the College of Health Sciences.
- 2003-2006 Member, College of Health Science Faculty Council.
- 2004-2010 Member, Research Advisory Committee (RAC) for the College of Health Science.
- 2005 Member, Search Committee for Associate Dean for Research for the College of Health Sciences.
- 2006-2008 Member of the Department of Rehabilitation Sciences Faculty Review Committee.
- 2007-2008 Member of the College of Health Sciences 2 and 4 year Review Committee
- 2007-2008 Member of the College of Health Sciences Performance Review Appeals Committee
- 2009-2010 Chairperson of the College of Health Sciences Appointment, Tenure & Promotion Committee
- 2010 Chairperson for the College of Health Sciences, Department of Clinical Sciences External Review Committee.
- 2011-2012 Member of the College of Health Sciences Student Disciplinary Committee.
- 2011-2012 Member of the Department of Rehabilitation Sciences Faculty Review Committee
- 2011-2012 Member of the College of Health Sciences Diversity Committee
- 2015-2016 Member of the CHS Appointments, Promotion and Tenure Committee
- 2017-present Co-Chair the CHS Entrepreneur Committee

Division/Program:

- 2000 Member, Focus Group for the Physical Therapy Division: To evaluate the efficacy of comprehensive finals in preparing students for talking the Board Exams.

- 2002 Member, Focus Group for the development of the qualifying examination requirements for the Rehabilitation Sciences Doctoral program.
- 2002 Focus group for the development of research practicum requirements for the Rehabilitation Sciences Doctoral program.
- 2004-2009 Member, Rehabilitation Sciences Doctoral Program Curriculum Committee.
- 2007-2008 Co-Chair of Faculty Search Committee for the Division of Physical Therapy
- 2008-2011 Director of Graduate Studies for the Rehabilitation Sciences Doctoral Program
- 2013 Member of the faculty Search Committee for the Division of Physical Therapy
- 2013-2015 Member, Rehabilitation Sciences Doctoral Program Curriculum Committee.

Other:

- 2001-2008 Pro Bono Physical Therapy Service at Salvation Army Free Clinic
- 2002, 04, 08 Manned Post-professional education booth at APTA National Meeting.
- 2008-Present Director of the Kentucky Appalachian Rural Rehabilitation Network
- 2010-2017 Member of the Advisory Board of the Kentucky Injury Prevention and Research Center (KIPRC)
- 2011–Present Member of the Kentucky AgrAbility Advisory Board
- 2011- Present Faculty Associate of the Kentucky Injury Prevention and Research Center
- 2012-2013 Faculty Advisor for the University of Kentucky Student Rural Health Association
- 2012-Present Coordinator for Service Learning for Project CARAT (Coordinating and Assisting the Reuse of Assistive technology). This is a 3 year HRSA funded community outreach project.
- 2012-2013 Legislative Committee for the Kentucky Rural Health Association.
- 2015-2017 Member of the Cardinal Hill Rehabilitation Hospital Research Committee

Continuing Education Courses Taught:

1. Title: PNF, Neurological Principles and Truck Stabilization. Presenters; Tony English and Patrick Kitzman. Sponsor: Baptist Health. Location: Bellarmine University, Louisville, KY. Date: January 2013. Course Type: Lecture, Discussion and Lab. Type of Participants: PT, OT
2. Title: Neuroscience and Neurorehabilitation for Stroke, MS, PD, Presenters: Megan Danzl and Patrick Kitzman, Program Provider: Baptist Health, Location Bellarmine University, Date: 10/25/14, Course Type: Lecture, Discussion and Lab, Type of Participants: PT, OT, SLP (2014)

**AWARDS and HONORS:**

- 1993 Award for Presentation at the 9th Annual Bennett Graduate Research Day, The Ohio State University.
- 1994 Award for Presentation at the 10th Annual Bennett Graduate Research Day, The Ohio State University.
- 1999 Outstanding Student Award. Division of Physical Therapy, College of Allied Health Professions. University of Kentucky.
- 2003-Present Member, Alpha Eta Society.



Revised January 8<sup>th</sup>, 2019

- 2010-Present Inaugural recipient of the Richard McDougall Alumni Professorship in Physical Therapy
- 2011 Recipient of the University of Kentucky, College of Health Sciences, *Excellence in Research Award*.

### **PROFESSIONAL ACTIVITY AND PUBLIC SERVICE:**

#### Memberships in Professional Societies:

- 1992-present The Society for Neuroscience
- 1994-present The Kentucky Chapter of the Society for Neuroscience
- 1997-present The American Physical Therapy Association (APTA).
- 1997-present The Kentucky Chapter of the APTA
- 2001-2011 The National Neurotrauma Society
- 2011-Present The Kentucky Rural Health Association

#### Professional Committees:

- 2008 Nominating Committee member of the Spinal Cord Injury Special Interest Group (SIG) of the Neurology Section of the American Physical Therapy Association.
- 2009-2011 Chairperson of the Nominating Committee of the Spinal Cord Injury SIG of the Neurology Section of the American Physical Therapy Association
- 2009 Reviewer for student research abstracts for the 27<sup>th</sup> Annual National Neurotrauma Society Symposium, Santa Barbara.
- 2012 Ad Hoc reviewer of abstracts for the 2013 American Physical Therapy Association Combined Sections meetings, Neurology Section.
- 2012-2015 Scientific grant reviewer for the Patient Centered Outcomes Research Institute (PCORI)
- 2013 External reviewer for academic unit review of a newly created Doctor of Philosophy Program in Rehabilitation Sciences at New York University-Steinhardt
- 2013-2017 Member of the Advisory Panel on Health Disparities for the Patient Centered Outcomes Research Institute (PCORI).
- 2017-present Paralyzed Veterans of America Education Section grant review committee
- 2017 Special Emphasis Panel/Scientific Review Group member; Rehabilitation and Development SPiRE Program, Veterans Administration.
- 2017 Special Emphasis Panel/Study Section Group member (ZMD1 XLN) for National Institute on Minority Health and Health Disparities, NIH

#### Ad Hoc Journal Reviewer:

*Archive of Physical Medicine and Rehabilitation, Journal of Neurologic Physical Therapy, Neuroscience, Journal of Sports Rehabilitation, Disability and Rehabilitation.*

#### Public Service:

1. 1<sup>st</sup> Annual Kentucky Appalachian Rural Rehabilitation Network Conference. Organizing Committee Chair (2009).

2. 2<sup>nd</sup> Annual Kentucky Appalachian Rural Rehabilitation Network Conference. Organizing Committee Chair (2010).
3. 3<sup>rd</sup> Annual Kentucky Appalachian Rural Rehabilitation Network Conference. Organizing Committee Chair (2011).
4. 4<sup>th</sup> Annual Kentucky Appalachian Rural Rehabilitation Network Conference. Organizing Committee Chair. (2012).
5. 5<sup>th</sup> Annual Kentucky Appalachian Rural Rehabilitation Network Conference. Organizing Committee Chair (2013).
6. 6<sup>th</sup> Annual Kentucky Appalachian Rural Rehabilitation Network Conference. Organizing Committee Chair (2014).
7. 7<sup>th</sup> Annual Kentucky Appalachian Rural Rehabilitation Network Conference. Organizing Committee Chair (2015).
8. 2015-present, Director of the Kentucky Care Coordination for Community Transitions Program (KC3T).
9. 8<sup>th</sup> Annual Kentucky Appalachian Rural Rehabilitation Network Conference. Organizing Committee Chair (2017).
10. 9<sup>th</sup> Annual Kentucky Appalachian Rural Rehabilitation Network Conference. Organizing Committee Chair (2018).

Continuing Education Courses taught:

1. Title: Neuroscience and Neurorehabilitation for Stroke, MS, PD, Presenters: Megan Danzl and Patrick Kitzman, Program Provider: Baptist Health, Location Bellarmine University, Louisville, KY. Date: 10/25/14, Course Type: Lecture, Discussion and Lab, Type of Participants: PT, OT, SLP.
2. Title: PNF, Neurological Principles and Truck Stabilization. Presenters; Tony English and Patrick Kitzman. Sponsor: Baptist Health. Location: Bellarmine University, Louisville, KY. Date: January 2013. Course Type: Lecture, Discussion and Lab. Type of Participants: PT, OT

**RESEARCH PRODUCTIVITY:**

Manuscripts in Development:

1. Causey-Upton R, Howell DM, Kitzman PH, Custer MG, Dressler EV. Pre-operative Education for Total Knee Replacement: A National Survey of Orthopedic Nurses.
2. Kitzman P, Sutton KM, Wolfe M, Bellamy L, and Dobbs MR. The Prevalence of Multiple Comorbidities in Stroke Survivors in Rural Appalachia and the Clinical Care Implications.

Peer-Reviewed Publications (Students name is underlines):

1. Sutton KM, Kitzman PH, Hunter EG, Hudson K, Wallace C, Sylvia V, Brock J. Engaging Individuals with Neurological Conditions and Caregivers in Rural Communities in a Health Research Team. *Prog. In Comm. Health Partnerships: Research, Education and Action* (2018, accepted).

2. Causey-Upton R, Howell DM, Kitzman PH, Custer M, Dressler EV. Pre-Operative Education for Total Knee Replacement: A Pilot Survey. *Internet J. Allied Health Sci. and Practice* (2018, accepted)
3. Cripps A, Livingston, S, Jiang Y, Mattacola C, Kitzman, P, McKeon P, and Dressler E. Visual Perturbations impacts Upright Postural Stability in Acutely Concussed Athletes. *Brain Injury*. (2018, accepted)
4. Kheibari A, Victor G, Gutti SS, Gutti S, Rao S, Kitzman P, and Dignan M. Smoking and Stroke in Appalachian Kentucky. *Neurology and Neurobiology* (2018) 1(1): 2-4. <http://dx.doi.org/10.31487/j.NNB.2018.10.006>
5. Kitzman P, Wolfe M, Elkins K, Fraser JF, Grupke SL, and Dobbs MR. The Kentucky Appalachian Stroke Registry (KApSR). *J. Stroke and Cerebrovascular Diseases* (2017; <http://dx.doi.org/10.1016/j.jstrokecerebrovasdis.2017.10.031>)
6. Gregg BT, Shordike A, Howell DM, Kitzman PH, and Iwama MK. Student Veteran Occupational Transitions in Postsecondary Education: A Grounded Theory. *J. Military Behav. Health*. (2017; <http://dx.doi.org/10.1080/21635781.2017.1333063>)
7. Martin S and Kitzman, P. Evidence of Cerebellar Dysfunction in Children with Myelomeningocele. *Physical Med. and Rehab.- International* (2017 accepted)
8. Kitzman P, Hudson K, Sylvia S, Feltner F, and Lovins J. Care Coordination for Community Transitions for Individuals Post-stroke Returning to Low-Resource Rural Communities, *J. Comm. Health* (2016; DOI: 10.1007/s10900-016-0289-0).
9. Harrison AL, Hunter EG, Thomas H, Bordy P, Stokes E, and Kitzman P. Living With Traumatic Brain Injury in a Rural Setting: Supports and Barriers Across the Continuum of Care. *Disability and Rehab*. (2016) <http://dx.doi.org/10.1080/09638288.2016.1217081>
10. Gregg BT, Kitzman PH, and Shordike A. Well-being and Coping of Student Veterans Readjusting into Academia: A Pilot Survey. *Occupational Therapy in Mental Health*, 32:1, 86-107 (2016).
11. Danzl M, Kitzman P, Hunter E, Harrison A, McKeon P, and Rowles G. The Content of “Rehabilitation Education for Caregivers and Patients” (Recap) in Stroke Physical therapy practice. *Physiotherapy*. 101(Suppl 1) (2015).
12. Danzl M, Kitzman P, Hunter E, Harrison A, McKeon P, and Rowles G. The Rehabilitation Education for Caregivers and Patients (Recap) Theory and Model. *Physiotherapy*. 101(Suppl. 1) (2015)
13. Cripps A, Livingston S, Yang J, Mattacola C, Van Meter E, Kitzman P, and McKeon P. Visuo-Motor Processing Impairments Following Concussion in Athletes. *J Athletic Enhan*. 4(3): 1-6 2015.
14. Kitzman PH, Cecil D, Hatton-Kolpek J. The Risks of Polypharmacy Following Spinal Cord Injury. *J. Spinal Cord Med*. (2015) (<http://www.maneyonline.com/doi/full/10.1179/2045772314Y.0000000235>)
15. Davies C, Nitz AJ, Mattacola CG, Kitzman P, Howell D, Viele K, Baxter D, and Brockopp DA. Practice patterns when treating patients with low back pain: A survey of physical therapists. *Physiotherapy: Theory and Practice*. (early online 1-10; 2014) DOI: [10.3109/09593985.2013.877547](http://dx.doi.org/10.3109/09593985.2013.877547)

16. Waters-Banker C, Dupont-Versteegden EE, Kitzman PH, and Butterfield TA. Investigating the mechanisms of massage efficacy: the role of mechanical immunomodulation. *J. Athletic Training*.49 (2): 266-273 ( 2014)
17. Gabler CM, Kitzman PH, and Mattacola C. Targeting Quadriceps Inhibition with Electromyographic Biofeedback: A Neuroplastic Approach. *Crit. Rev. Biomed. Eng.* (41(2):125–135 (2013)
18. Kitzman P. The 4<sup>th</sup> Annual Kentucky Appalachian Rural Rehabilitation Network Conference on Spinal Cord Injury and Stroke Across the lifespan. Meeting Summary in *J. Neurol. Res.* (Dec. 14, 2012)
19. Rabchevsky AG, Patel SP, Lyttle TS, Eldahan KC, O'Dell CR, Zhang Y, Popovich PG, Kitzman PH and Donohue KD (2012) Effects of gabapentin on muscle spasticity and both induced as well as spontaneous autonomic dysreflexia after complete spinal cord injury. *Front. Physio.* 3:329. doi: [10.3389/fphys.2012.00329](https://doi.org/10.3389/fphys.2012.00329)
20. Danzl, MM, Etter NM, Andreatta RD, Kitzman PH. Facilitating Neurorehabilitation Through Principles of Engagement. *J. Allied Health.* (2012) 41(1): 35-41.
21. Kitzman PH and Hunter EG. Developing a Community Based Rehabilitation Network for People with Spinal Cord Injury: A Case Study in Appalachian Kentucky. *J. Rural and Comm. Devel.* (2011) 6 (1): 95-114.
22. Onifer SM, Zhang O, Whitnel-Smith LK, Raza K, O'Dell CR, Lyttle TS, Rabchevsky AG, Kitzman PH, and Burke DA. Horizontal ladder task-specific re-training in adult rats with contusive thoracic spinal cord injury. *Restorative Neurology and Neuroscience* 29 (2011) 275-286.
23. Rabchevsky AG and Kitzman PH. Latest Approaches for the Treatment of Spasticity and Autonomic Dysreflexia in Chronic Spinal Cord Injury. *Neurotherapeutics* (2011). 8(2): 274-282. Impact Factor 6.084.
24. Rabchevsky AG, Patel SP, Duale H, Lyttle TS, O'Dell CR, and Kitzman PH. Gabapentin for Spinal Cord Injury-Induced Reflexes. *Spinal Cord* (2010); doi: [10.1038/sc.2010.67](https://doi.org/10.1038/sc.2010.67).
25. Kitzman PH. Effectiveness of riluzole in suppressing spasticity in the spinal cord injury rat. *Neurosci. Lett* 455:150-153 (2009).
26. Kitzman PH, Uhl TL, Dwyer MK. Gabapentin Suppresses Spasticity in the Spinal Cord Injured Rat. *Neuroscience* 149: 813-821 (2007)
27. Kitzman P. VGLUT1 and GLYT2 labeling of Sacrocaudal Motoneurons in the Spinal Cord Injured Spastic Rat. *Exp. Neurology.* 204: 195-204 (2007).
28. Kitzman P. Changes in Vesicular Glutamate Transporter 2, Vesicular GABA transporter and Vesicular Acetylcholine Transporter Labeling of Sacrocaudal Motoneurons in the Spastic Rat. *Exp. Neurology.* 197: 407-418 (2006).
29. Kitzman P. Alterations in Axial Motoneuronal Morphology in the Spinal Cord Injury Induced Spastic Rat. *Exp. Neurology.* 192:100-108 (2005).
30. Krimm RF, Miller KK, Kitzman PH, Davis BM, Albers KM. Epithelial Overexpression of BDNF and NT4 Disrupts Targeting of Taste Neurons That Innervate the Anterior Tongue. *Dev. Biol.* 232:508-21 (2001).
31. Kitzman, P.H., Perrone, T.N., LeMaster, A.M., Davis, B.M., and Albers, K.A. Level of p75 Receptor Expression in Sensory Ganglia is Dependent on Neurotrophin Level in Target Tissue. *J. Neurobiol.* 35 (3): 258-270 (1998).

32. Albers, K.M., P.H. Kitzman, A.M. LeMaster, and B.M. Davis. Effects of Neurotrophin Growth Factor Overexpression in Epidermis of Transgenic Mice on the Neuronal Innervation and Structure of Skin. *J. Invest. Dermatol.* 108:551 (1997)
33. Kitzman, P.H. and Bishop, G.A. The Physiological Effects of Serotonin on Spontaneous and Amino Acid-induced Activation of Cerebellar Nuclear Cells: an in vivo study in the cat. *Progress in Brain Research.* 114:209-223 (1997)
34. Kitzman, P.H. and Bishop, G.A. The Origin of Serotonergic Afferents to the Cat's Cerebellar Nuclei. *J. Comp. Neurol.* 340:541-550 (1994).
35. Kitzman, P.H. and Hutz, R.J. In-vitro Effects of Angiotensin II on Steroid Production by Hamster Ovarian Follicles and on Ultrastructure of the Theca Interna. *Cell and Tissue Res.* 268:191-196 (1992).
36. Kitzman, P.H. and Hutz, R.J. Oestradiol Exerts Disparate Effects on Ultrastructure and Steroidogenesis of Ovarian Theca from Preovulatory Hamster Follicles. *Zoological Science.* 8:767-774 (1991).
37. Hutz, R.J., Schaller, M., Kitzman, P.H., Bejvan, S.M. Oestradiol-17 $\beta$  Affects Differentially Viability, Progesterone Secretion, and Apical Surface Morphology of Hamster Ovarian Follicles in-vitro. *Zoological Science.* 8:81-88 (1991).

Manuscripts submitted for review

1. Martin S, Welborn-Mabrey D, Kitzman P, Effgen S, Schneck C. Reliability of the Test of Pretend Play - A pilot study. *Disability and Rehab.*

Book Chapters:

1. Kitzman, P. Animal Models of Spasticity. In: *Spasticity: Diagnosis and Management.* Brashear and Elovic eds. (2010).
2. Malone, T.R., Nitz, A.J., Queen, S.A., Kitzman, P.H., Nyland, J., and Brosky, T. Proprioception and Neuromuscular Control of the Lower Extremity. In: *Current Concepts in the Rehabilitation of the Knee.* Wilk, K. ed. (2004).
3. Nitz, A.J. and Kitzman, P.H. Bone Injury and Repair. In: *Orthopaedic Physical Therapy Secrets.* Placek, J. and Boyce, D.A. eds. (2001).
4. Springer, J.E. and Kitzman, P.H. Neuroprotective Strategies Involving the Neurotrophins and their Signaling Pathways. In: *Neuroprotective Signal Transduction.* Chapter 1, pp. 1-21. Mattson, M. ed. Humana Press (1997).

Abstracts (poster presentations) (Students names are underlined):

University/Local:

1. Sujata Gutti, Subhash Gutti, Patrick Kitzman, Athena Kheibari, Andrew O. Johnson, Mark Dignan. Geographic Distribution of Stroke in the Big Sandy Area Development District. *10<sup>th</sup> Annual UK CCTS Spring Conference.* (2015).
2. Kitzman P, and Hunter, E. Development of the community-based rural rehabilitation research network. *UK Center for Clinical and Translational Sciences Summer Conference* (2009).

3. Kitzman P, Uhl T, and Dwyer M. Suppression of the glutamatergic system for the management of spasticity in the rat: A preliminary study. *12<sup>th</sup> Annual Kentucky Spinal Cord and Brain Injury Research Symposium. Lexington, KY (2006).*

State/Regional:

1. Kitzman P, Hunter B, Hudson K, Sylvia V, Sutton K, and Wallace C. Perceived health and healthcare needs for people with neurological conditions and caregivers transitioning back to rural communities. INAPTA and KPTA 2018 Joint Conference. Louisville, KY (2018). Refereed.
2. Kitzman P, Sylvia V, Feltner F, Hudson K. Kentucky Care Coordination for Community Transitions (KC3T). *Kentucky Rural Health Association Meeting (2016)*, refereed.
3. Kitzman P., Sylvia V., Feltner F., and Hudson K. Care Coordination as Part of the Discharge Plan to Support Community reintegration of Individuals with Stroke Living in Appalachian Rural Communities. *Sixth Annual Appalachian Translational Research Network (ATRN) Summit. Charleston, WV (2015)*, referred.
4. Kitzman P, Cecil D, and Hatton-Kolpek; Risks of Polypharmacy in the Spinal Cord Injured Population. *15<sup>th</sup> Annual Kentucky Rural Health Association. (2013)*
4. Kitzman PH, Weber C, Sharon D. Coordinating and Assisting the Reuse of Assistive Technology (CARAT). *Kentucky Rural Health Association Meeting. (2012)*, referred.
5. Boyd J, Allen K, Brown D, Fane K, Frazier S, Spear J, Tepe K, and Kitzman P. Development of Educational Materials for Persons Traveling with Wheelchairs. *Kentucky Rural Health Association's 13th Annual Conference. (2011)*
6. Kitzman P and Bargo J. Alteration in Spinal Motor Neuronal Morphology in the Spastic Rat. *Kentucky Spinal Cord and Brain Injury Rehabilitation Symposium. (2001)*

National/International:

1. Kitzman P, Sutton K. The Complex Stroke Patient in Rural Appalachia: Challenges and Opportunities. *Combined Section of the American Physical Therapy Association (2019)*. referred
2. Kitzman P, Hunter B, Hudson K, Sylvia V, Sutton K, and Wallace C. Perceived health and healthcare needs for people with neurological conditions and caregivers transitioning back to rural communities. *Combined Sections of the American Physical Therapy Association (2018)*, referred.
3. Harrison A, Hunter B, Bordy P, Thomas H, Stokes E, and Kitzman P. Living with Traumatic Brain Injury in a Rural Setting: Supports and Barriers Across the Continuum of Care. *Combined Sections of the American Physical Therapy Association (2018)*, referred.
4. Kitzman P, Sylvia V, Feltner F, Hudson K, Cantrell K, Hoskins W. Stroke Navigation as Part of the Discharge Plan to Support Community Reintegration of Individuals with Stroke Living in Appalachian Rural Communities. *Combined Section of the American Physical Therapy Association (2016)*, refereed.
5. Gregg, B, Howell D, Shordike A, and Kitzman P. Well-being and Coping Strategies of Military Veterans Readjusting into Academia. *American Occupational Therapy Association Annual meeting (2015)*, refereed.

6. Gregg, B. Howell D, Shordike A, and Kitzman P. The Experience of Student Veterans Transitioning into Academia: A Phenomenological Study. *American Occupational Therapy Association Annual meeting* (2015), referred.
7. Kitzman, P, and Hatton-Kolpek, J. Incidence of Polypharmacy in the Spinal Cord Injury Population. *Combined Section of the American Physical Therapy Association* (2015), referred.
8. Martin T, Mabrey D, Kitzman P, Effgen S, Schneck C, and McCormick K. Reliability of the Test of Pretend Play. *APTA Section on Pediatrics Annual Meeting*, St. Louis (2014), referred.
9. Danzl M, Kitzman P, Harrison A, Hunter E, Rowles G, and McKeon P. (Rehabilitation Education for Caregivers and Patients (RECAP): Impacting Physical Therapy in Stroke Rehabilitation. *APTA Education Leadership Meeting* (2013) refereed.
10. Kitzman PH, Weber C. Sharon D. Coordinating and Assisting the Reuse of Assistive Technology. *American Physical Therapy Association Combined Sections meeting* (2013). Referred
11. Rabchevsky A.G., Donohue K.D. and Kitzman P.H. Modulating the pathophysiology of autonomic dysreflexia after spinal cord injury. *Australian Neuroscience Society Inc, 32<sup>nd</sup> Annual Meeting* (2012). Refereed
12. Davies CC, Nitz AJ, Mattacola CG, Kitzman P, Howell DM, Viele K, and Baxter GD. Practice patterns of Physical Therapist treating patients with low back pain: A survey of Physical Therapist in the Commonwealth of Kentucky. *American Physical Therapy Association Combined Sections Meetings, Chicago* (2012). Refereed
13. Rabchevsky AG , Patel SP, Lyttle TS, O'Dell CR, Eldahan KC, Donohue KD, and Kitzman PH. Gabapentin mitigates both induced and spontaneous autonomic dysreflexia, as well as reflexive spasticity after severe spinal cord injury. *41<sup>st</sup> Annual Society for Neuroscience meetings* (2011).
14. Rabchevsky AG, Patel SP, Lyttle TS, O'Dell CR, Eldahan KC, Donohue KD, and Kitzman PH. Gabapentin alleviates spasticity and both induced and spontaneous autonomic dysreflexia after severe spinal cord injury. *29<sup>th</sup> Annual National Neurotrauma Society Symposium* (2011) Refereed.
15. Kitzman PH, Cecil D, and Tudor L. The Incidence of Secondary Complications in Persons with Spinal Cord Injury Living in Distinct Regions of Kentucky: A Preliminary Analysis. *17<sup>th</sup> Annual Preparing Health Professional for the 21<sup>st</sup> Century Conference.* (2011). Refereed
16. Harrison A, Kitzman P, Hunter E, Kuperstein J, Sylvia V, and Costich J. Kentucky Appalachian Rural Rehabilitation Network: Development of the Research Infrastructure . *17<sup>th</sup> Annual Preparing Health Professional for the 21<sup>st</sup> Century Conference.* (2011). Refereed.
17. Kitzman PH, Harrison AL, Hunter EG, Kuperstein J, Costich JF. The Kentucky Appalachian Rural Rehabilitation Network Research Infrastructure. *16<sup>th</sup> International WCPT Congress* (2011). Amsterdam, Holland. Refereed.
18. Rabchevsky AG, Patel SP, Lyttle TS, O'Dell CR, and Kitzman PH. Effects of chronic versus acute gabapentin administration on spasticity and autonomic dysreflexia after severe spinal cord injury. *40<sup>th</sup> Annual Society for Neuroscience meetings* (2010).

19. Rabchevsky AG, Lyttle TS, O'Dell CR, and Kitzman PH. Effects of chronic versus acute gabapentin administration on spasticity and autonomic dysreflexia after severe spinal cord injury. *28<sup>th</sup> Annual National Neurotrauma Society Symposium* (2010). Referred
20. Kitzman P, Hunter E., Kuperstein JM. Development of the Kentucky Appalachian Rural Rehabilitation Network. *American Physical Therapy Association Combined Sections Meetings, San Diego* (2010). Refereed
21. Rabchevsky AG, Duale H, Lyttle T.S., and Kitzman PH. Gabapentin for Spasticity and autonomic dysreflexia after severe spinal cord injury. *27<sup>th</sup> Annual National Neurotrauma Society Symposium*, Santa Barbara (2009). Refereed
22. Kitzman P, Uhl T. Efficacy of riluzole in managing spinal cord injury induced spasticity in the rat. *American Physical Therapy Association Combined Sections Meetings, Nashville* (2008). Refereed
23. Kitzman P, Uhl T., Dwyer M. Gabapentin suppresses spinal cord injury induced spasticity in the rat. *American Physical Therapy Association Combined Sections Meetings, Boston* (2007) Refereed
24. Kitzman P. Changes in glutamatergic and glycinergic inputs to sacrocaudal motoneurons in the spinal cord injured spastic rat. *Society for Neuroscience Meetings. Atlanta, GA* (2006).
25. Kitzman P. Changes in excitatory and inhibitory synapses on sacrocaudal motoneurons in the SCI-induced spastic rat. *American Physical Therapy Association Combined Sections meetings. New Orleans, LA* (2005)
26. Kitzman PH. Alteration of Synaptic Influences on Motoneurons in the Spastic Rat. *The American Paraplegia Society. Las Vegas, NV* (2004)
27. Kitzman P. Alterations in Axial Motor Neuron Morphology in the Spastic Rat. *American Physical Therapy Association Combined Sections meetings. Nashville, TN* (2004)
28. Day JM, Spafford NL, Kitzman PH, and Queen SA. The Effect of Position on Muscle Tone in Post Stroke Patients. *American Physical Therapy Association Combined Sections meetings. Nashville, TN* (2004)
29. Kitzman P, Averdick J and Kalb C. Changes in Renshaw Cell Morphology in the Spinal Cord Injury Induced Spastic Rat. *National Neurotrauma Society. Biloxi, MS* (2003)
30. Averdick J, Kalb C, and Kitzman PH. Spinal Cord Injury Induced Changes in Renshaw Cell Morphology in the Spastic Rat. *American Physical Therapy Association Combined Sections meetings. Tampa, FL* (2003)
31. Rangappa N, de Silva U., Ngo TB, Barnes GN, Kitzman P, and Smith GM. Cell Adhesion Molecule Alters Axonal Growth from DRG in vitro and in Adult Rat Brain. *Society for Neuroscience*. (2002)
32. Kitzman PH, Davis BM, LeMaster AM., and Albers, KM. The Effects of Overexpression of NT-3 in the Skin on Sensory Innervation of the Central Nervous System. *Society for Neuroscience* (1996)
33. Kitzman PH, Albers KM, and Davis BM. Expression of p75 in the Trigeminal Ganglion of Transgenic Mice that Overexpress NGF in the Skin. *Society for Neuroscience* (1995)
34. Kitzman PH and Bishop GA. The Physiological Effects of Serotonin on Neurons in the Cat's Cerebellar Nuclei. *Society for Neuroscience* (1993)
35. Kitzman PH and Bishop GA. The Origin of Serotonergic Projections to the Cerebellar Nuclei of the Cat. *Society for Neuroscience* (1992)



36. Kitzman PH, O'Shaughnessy IM, and Hutz RJ. Effects of Estradiol-17 $\beta$  on Ultrastructure of and Androstenedione Secretion by Ovarian Theca from Hamsters. *The Endocrine Society* (1990)
37. Kitzman PH. Angiotensin II Alters Ultrastructure of and Steroid Secretion by Cultured Ovarian Follicles from Hamsters. *Soc. for the Study of Reprod.* (1990)
38. Hutz RJ, Quandt L, Kitzman PH, Zachow RJ, and Fischer CL. Role of Estrogen on Ovarian Follicle Function In-Vitro and In-Vivo, Prior to IVF. *Proc. Int. Primatol. Soc., Kyoto and Nagoya, Japan 1990.*
39. Hutz RJ, Bejvan SM, Fischer CL, Zachow RJ, Quandt L, and Kitzman PH. Disparate Effects of Estrogens on In-Vitro Steroidogenesis by Ovarian Granulosa cells from Four Orders of Mammals, including Primates. *Proc. American Soc. of Primatology. Mobile, Al. 1989.*

Platform Presentations/roundtable/breakout sessions:

1. Johnson A, Kuperstein J, Howell D, Graham R, Kitzman P, Mays G, and Dupont-Versteegden E. Enhancing the Role of Physical Therapy in Value-Based Care Transitions: A Quality Improvement Project. *Combined Sections of the American Physical Therapy Association* (2019; accepted; Platform presentation). referred
2. Kitzman P, Espinosa-Bard C, and Jones J. Rural Healthcare Accessibility for Individual with Disabilities. *Kentucky Rural Health Association* (2018; Breakout session presentation).referred
3. Danzl M, Kitzman P, Hunter E, McKeon P, Harrison A, Rowles G. The Rehabilitation Education for Caregivers and Patients (RECAP). Theory and Model. *World Congress on Physical Therapy (WCPT)*, Singapore (May 2015). Referred.
4. Danzl M, Kitzman P, Hunter E, Harrison A, McKeon P, Rowles G. The Content of "Rehabilitation Education for Caregivers and Patients" (RECAP) in Stroke Physical Therapy Practice. *World Congress on Physical Therapy (WCPT)*, Singapore (May 2015). Referred
5. Kitzman PH and Sylvia V. Kentucky Stroke Transitions Assistance Resource. *Appalachian Research Day, Hazard KY.* (April 29<sup>th</sup>, 2015)
6. Kitzman PH, Innovative Collaborations to Meet the Needs of Individuals with Disabilities in Rural Communities. *The National AgrAbility Conference* (2014). refereed
7. Bower W, Creech R, Kitzman P, Weber C. Project CARAT: Reusing Assistive Technology. *The National AgrAbility Conference* (2014) refereed
8. Kitzman PH and Hamel-Lambert J. The Role of Innovative Network to Address Specific Health Issues. *9<sup>th</sup> Annual UK CCTS Spring Conference and 4<sup>th</sup> Annual ATRN Summit*, (2014)
9. Danzl M, Hunter E, Kitzman P, Harrison A, McKeon P, and Rowles G. The "Rehabilitation Education for Caregivers and Patients" (RECAP) Theory and Model. *American Physical Therapy Association Combined Sections Meeting* (2014) refereed.
10. Kitzman PH, Hunter EG, Marshall C. A community based network for persons with neurological conditions. *National Rural Health Association Meeting* (2012) referred

11. Kitzman PH. How to make and idea become research: Everyone can do it! *17<sup>th</sup> Annual Preparing Health Professional for the 21<sup>st</sup> Century Conference*. (2011)
12. Kitzman PH. Challenges and Opportunities for Rehabilitation of Patients with Spinal Cord Injury Living in Rural Communities. *American Physical Therapy Association Combined Sections Meetings (2011)*. referred
13. Kitzman PH and Hunter EG. The Kentucky Appalachian Rural Rehabilitation Network to Serve Individuals with Neurological Impairment. *Kentucky Rural Health Association Conference (2010)*. Referred
14. Kitzman PH and Hunter EG. Kentucky Appalachian Rural Rehabilitation Network. Lead breakout session at the *16<sup>th</sup> Annual Preparing Health Professional for the 21<sup>st</sup> Century Conference (2010)*.
15. Kitzman P. Alterations in Axial Motor Neuron Morphology in the Spastic Rat. *American Physical Therapy Association Combined Sections meetings (2004)*. referred
16. Averdick J, Kalb C, and Kitzman PH. (2003) Spinal Cord Injury Induced Changes in Renshaw Cell Morphology in the Spastic Rat. *American Physical Therapy Association Combined Sections meetings (2003)*. Referred

Invited Speaker:

1. Kitzman, P. Community Reintegration for Individuals with Neurological Conditions Transitioning back to Rural Underserved Communities. Penny G. Kroll Visiting Speaker series. Marshall University, June 8<sup>th</sup> (2018)
2. Kitzman, P. Stroke Navigation to Prevent Readmission. Ohio Paul Coverdell (stroke) Program. Webinar. June 12<sup>th</sup>, (2017)
3. Kitzman, P. Kentucky Appalachian Rural Rehabilitation Network. Project C.A.S.E.: Asset Development Summit. Hazard, KY. May 11<sup>th</sup>, (2017)
4. Kitzman, P. Stroke Readmission Prevention Model: A Case Report. Advance in Stroke Care: Acute to the Beyond conference for the American Heart Association. Lexington, KY. April 13<sup>th</sup> (2017).
5. Kitzman, P. Considerations for Working with Individuals in Rural Communities. Panel discussion as part of the Rehabilitation Research at NIH: Moving the Field Forward. National Institutes of Health, Bethesda, May 25-26, (2016).
6. Kitzman, P. An Unusual Journal. University of Nevada, Las Vegas (2015)
7. Kitzman, PH and Sylvia V. Kentucky Stroke Transition Assistance Resource (KSTAR). Stroke Care Network Summit and Advisory Board Meeting. (2015)
8. Kitzman, PH. How to Make and Idea Become Research: Everyone can do it. Kentucky Rural Health Scholars Program. (2014)
9. Kitzman PH. A Novel Community Based Network for Engaging Persons with Neurological Conditions in Improving Long-term Health Outcomes. Stroke Program Seminar Series. University of West Virginia. (2013)

10. Weber C and Kitzman P. Coordinating and Assisting the Reuse of Assistive Technology and State Parks Accessibility. 9<sup>th</sup> Annual Summer Institute in Assistive Technology. Frankfort, KY (2012).
11. Kitzman PH and Harrison A. Kentucky Appalachian Rural Rehabilitation Network. Kentucky Physical Therapy Association Eastern District Meeting (2012)
12. Kitzman PH, Kentucky Appalachian Rural Rehabilitation Network. *Appalachian Health Summit. Neurological Disorders: Quality of Life and Potential for Recovery*. Lexington, KY (2012).
13. Kitzman P. The Kentucky Appalachian Rural Rehabilitation Network. Participated in a panel discussion at the 2009 Leadership Kentucky meeting.
14. Kitzman P and Hunter E. Community Bases Rural Rehabilitation Research Network. Fall conference for the University of Kentucky Center for Clinical and Translations (2008).
15. Kitzman P, Uhl T, Dwyer M. Gabapentin suppresses spinal cord injury induced spasticity in the rat. Thematic Poster Session at the American Physical Therapy Association Combined Sections Meetings, Boston (2007)
16. Kitzman, P. Skills Enhancement Training II: Spinal Cord Injury. Kentucky Office of Vocational Rehabilitation, Frankfort, KY (2005)
17. Kitzman, P. Theoretical Basis of Motor Control. American Physical Therapy Association Meeting, Washington, DC (2005)
18. Kitzman, P. Changes in excitatory and inhibitory synapses on sacrocaudal motoneurons in the SCI-induced spastic rat. Thematic Poster Session at the American Physical Therapy Association Combined Sections meetings. New Orleans, LA.(2005)

### **Other Research/Scholarship Activity**

1. Kitzman PH, Harrison AL, Hunter E. “Research 101: Everyone Can Do It” series of training modules to help engage the community in research. Many community members may have the idea that research can only be conducted at a University, in a laboratory or by persons with PhDs; that research does not have any real practical impact on their lives. We have developed these modules to help demystify research in order to engage the community in this process. Since many research projects are trying to solve issues that impact persons living in our communities, it only makes sense that the people living in those communities would have valuable input in generating questions and finding solutions. It is our hope that the 5 teaching modules will help you have: 1) a general understanding about what research is, 2) a beginning understanding of the research process (methods, design, analysis), and 3) an understanding of the importance for community based research and the need for community participation in this research. These modules were not designed to be an all-encompassing training on research design and methods, only as a first step as you venture into the world of community based research.

### **Grant Activity:**

#### **Ongoing Projects:**

*Appalachian Patient Stroke Recovery and Research Registry*. A collaboration between the Office of the VP Executive Health Affairs/UKHC, the KY Stroke Network, the Kentucky Appalachian Rural Rehabilitation Network, and the university of Kentucky CCTS Biomedical Information

(BMI) core. Office of VP Executive Health Affairs/UKHC. Role: Co-Director. Funding period 9/1/13-present.

**Completed Projects:**

*2017 KARRN Conference: Engagement, Communication and Access.* Paralyzed Veterans of America (#836). Role: PI, Funding Period 6/1/2017-5-31-2018. Amount of Award: \$12,255

“Magnesium and Verapamil After Recanalization in Ischemia of the Cerebrum (MAVARIC), Multidisciplinary Value Program (MVP) grant, co-sponsored by the College of Medicine and CCTS. Role: Co-I. Funding Period 2016-2018. Amount of Award: \$97,000

*Healthcare Decision Making of Adults Living in Rural Communities with Acquired Neurological Conditions.* Patient-Centered Outcomes Research Institute (PCORI): Eugene Washington PCORI Engagement Award. Role: Co-PI. Funding Period 1/1/16-12/31/17. Amount of Award: \$248,287.

*Kentucky-Coordinated Care for Community Transition Program (KC3T).* This is a continuation of the Stroke Navigator program and is funded through a collaboration with Appalachian Regional Healthcare and the UK Center for Excellence in Rural Health. Role: Co-PI. Funding Period: 7/1/15-6/30/16.

*Improving Patient Medication Management Adherence and Satisfaction.* Paralyzed Veterans of America (#740). Role: PI, Funding Period 6/1/14-5/31/15 Amount of Award: \$44,007.

*Health Navigation for Reintegration of Stroke Patients in Rural Communities.* University of Kentucky Center for Clinical and Translational Science (CCTS) pilot award. Role: PI Funding Period; 10/1/13-05/31/15: Award Amount: \$82,800.

*Coordinating and Assisting the Reuse of Assistive Technology Project (CARAT).* This is to expand and enhance the basic pilot study. Contract with Kentucky Office of Vocational Rehabilitation. Role: PI. Funding period 10/08/13-06/30/14: Award Amount is \$28,080.

*Enhancing the Capacity of the Kentucky Appalachian Rural Rehabilitation Network.* National Institutes of Health, National Center for Minority Health and Health Disparities. (1RC4MD005760-01) Role: Co-PI. Funding Period: 07/06/2010-06/30/2013. Award Amount: \$1,000,000. This grant has been funded to develop the infrastructure needed to conduct translational research within Appalachian rural communities as well as translate research results into services to improved long-term healthcare serviced and quality of life for persons with neurological conditions living in those rural communities.

*The 3<sup>rd</sup> Annual Kentucky Appalachian Rural Rehabilitation Network Conference: Issues related to spinal cord injury and stroke.* The University of Kentucky Vice President for Research Small Conference Grant. Role: PI Funding Period 7/01/11-6/30/12. Award Amount: \$4000.

*Development of Educational Videos for Training Wheelchair Skills: From Basic to the Real World:* UK College of Health Sciences Education Enhancement Grant. Role: PI, Funding Period: 7/01/11-6/01/12. Award Amount: \$810.

*Second Annual Rural Spinal Cord Injury Rehabilitation Conference.* The Paralyzed Veterans of America. Role: PI, Funding Period: 6/01/10-05/30/11. Award Amount: \$14,702

*Rural Spinal Cord Injury Rehabilitation Conference.* The University of Kentucky Vice President for Research Small Conference Grant. Role: PI Funding Period 7/01/09-6/30/10. Award Amount: \$5000.

*Planning Grant for Establishing a Collaborative Team to Investigate: Health and quality of life related challenges for individuals with spinal cord injury, living in medically underserved areas of Kentucky, receiving rehabilitation services.* Kentucky Experimental Program to Stimulate Competitive Research. Role: PI. Funding Period: 6/16/08-6/14/09. Award Amount: \$16,706

*Role of Glutamatergic System in SCI-induced Spasticity in Axial Musculature.* Kentucky Spinal Cord and Head Injury Research Trust. Role: PI. Funding Period: 1/15/05-1/14/08. Award Amount: \$283,329.

*Suppression of SCI-induced Spasticity by Inhibition of Glutamate Release.* Paralyzed Veterans of America. (2005) Role: PI. 2 year grant was approved for funding (\$136,572).

*Alterations in Renshaw Cell Inputs in the Spinal Cord Injury Induced Spastic Rat.* The University of Kentucky Executive Vice President for Research: Research Support Grant. Role: PI. Funding period: 2/1/04-1/31/05. Award Amount: \$15,847.

*Health Professions Faculty Curriculum Development Grant.* The Midwest Health Professions Service Learning Consortium. Role: PI. Funding period: 1/22/03-1/22/04. Award Amount: \$2000.

*Spinal Cord Injury Induced Synaptic Reorganization: A Basis for Spasticity and Hyperreflexia.* The American Paraplegia Society. Role: PI. Funding Period: 11/01/02-10/31/03. Award Amount: \$10,300.

*Anatomical Basis of Spinal Cord Injury Induced Spasticity.* The University of Kentucky Medical Center Research Fund. Role: PI. Funding Period: 07/01/00-06/31/01. Award Amount: \$12,660. NIH National Research Service Award. 2-year Postdoctoral Fellowship (1995-1997). Role: PI.

NIH Training Grant: Neuronal Development, Plasticity, and Regeneration. 1-year Pre-doctoral Fellowship (1993-1994).

The Ohio State University Graduate Student Alumni Research Award (1994).

Sigma Xi Grant-In-Aid of Research (1989).

Endocrine Society Summer Student Fellowship (1989).

Project Assistant NSF Young Scholars Summer Program (1989).

Current Research Directions:

1. As Director of the UK CCTS Appalachian Translational research Network, my primary focus has been on developing research collaborations between other ATRN partnering institutions and UK.
2. Community re-integration of individuals with neurological impairments living in rural communities. We have been developing the needed research network required for the development and dissemination of rehabilitation interventions for individuals with neurological impairments.
3. The effects of Polypharmacy on long-term health and healthcare in individuals with neurological conditions and how to more effectively educate the clients and caregivers on how to more effectively participate in their own medical care.
4. Pharmacological intervention in spinal cord injury induced spasticity. Current treatments for spasticity are not effective for all individuals suffering from spinal cord injury induced spasticity and hyperreflexia. Thus, these preliminary studies are aimed at evaluating two novel pharmacologic agents for the treatment of spasticity of spinal origin. In addition, the lab has established a nice animal model for evaluation of additional pharmacological interventions in the treatment of spasticity. Started 2005.