

CURRICULUM VITAE

JULIE K. TILSON, PT, DPT, MS

July 2023

I. BIOGRAPHICAL INFORMATION

PERSONAL INFORMATION:

University Address: University of Southern California
Division of Biokinesiology and Physical Therapy
1540 East Alcazar St., CHP 155
Los Angeles, CA 90033
E-mail: tilson@usc.edu
Faculty website: <http://pt.usc.edu/tilson/>
Twitter handle: @EBPDPT

UNIVERSITY EDUCATION:

2009 University of Southern California
M.S., Clinical and Biomedical Investigations

1998 University of Southern California
Doctor of Physical Therapy

1995 University of California, Davis, CA
B.S. *with Honors*, Physical Education: Exercise Physiology

BOARD CERTIFICATION AND/OR LICENSURE:

1998-Present Licensed Physical Therapist, State of California, License #PT 23565

2023-Present Neurologic Clinical Specialist, American Board of Physical Therapy
Specialties (Emeritus)

2003-2023 Neurologic Clinical Specialist, American Board of Physical Therapy
Specialties

2000-2006 Licensed Physical Therapist, State of Hawaii, License #PT 1904

ACADEMIC APPOINTMENTS:

2022-Present Associate Chair of DPT Education
University of Southern California, Los Angeles, CA
Division of Biokinesiology and Physical Therapy

2021-Present Director, USC DPT Program

University of Southern California, Los Angeles, CA
Division of Biokinesiology and Physical Therapy

2019-Present Professor of Clinical Physical Therapy
University of Southern California, Los Angeles, CA
Division of Biokinesiology and Physical Therapy

2017-2021 Director, DPT@USC Hybrid Online/On-campus DPT Program
University of Southern California, Los Angeles, CA
Division of Biokinesiology and Physical Therapy

2013-2019 Associate Professor of Clinical Physical Therapy
University of Southern California, Los Angeles, CA
Division of Biokinesiology and Physical Therapy

2010-2013 Assistant Professor of Clinical Physical Therapy
University of Southern California, Los Angeles, CA
Division of Biokinesiology and Physical Therapy

2005-2010 Assistant Professor of Research Physical Therapy and
Clinical Coordinator – Locomotor Experience Applied Post Stroke, Phase
III Clinical Trial
University of Southern California, Los Angeles, CA
Division of Biokinesiology and Physical Therapy

2003-2004 Adjunct Faculty
Kapiolani Community College, Oahu, HI
Physical Therapist Assistant Program

CLINICAL APPOINTMENTS:

2000-2005 Lead Therapist
Castle Medical Center, Kailua, HI
Department of Rehabilitation

1998-2000 Physical Therapist
Rancho Los Amigos National Rehabilitation Center, Downey, CA
Physical Therapy Department

GOVERNMENT APPOINTMENTS:

2004-2005 State of Hawaii Board of Physical Therapy

HONORS, AWARDS, FELLOWSHIPS:

2021 Award for Leadership in Education, Academy of Physical Therapy
Education, American Physical Therapy Association

2019 Commendation for Excellence in Leadership, Division of Biokinesiology
and Physical Therapy, USC

2017	Outstanding Teacher of the Year, Division of Biokinesiology and Physical Therapy, USC
2014	Commendation for Excellence in Teaching, Division of Biokinesiology and Physical Therapy, USC
2013	Stroke Progress and Innovation Award, <i>Stroke</i> , American Heart Association
2012	Outstanding Teacher of the Year, Division of Biokinesiology and Physical Therapy, USC
2011	Dorothy Briggs Scientific Inquiry Award, American Physical Therapy Association (APTA)
2010	Faculty Research Publication Award, California Chapter, APTA
2009	Faculty Publication Award, California Chapter APTA
2006-2008	Faculty Development Fellowship, USC Division of Biokinesiology and Physical Therapy
2005	Emerging Leader Award, APTA

PROFESSIONAL ORGANIZATIONS:

American Physical Therapy Association (APTA)
Academy of Physical Therapy Research
Academy of Neurologic Physical Therapy
Academy of Physical Therapy Education
California Chapter

International Society for Evidence-Based Healthcare

I. SERVICE ACTIVITIES

INTERNATIONAL SERVICE:

2022-Present	10 th International Conference for Evidence Based Healthcare Teachers and Developers, Steering Committee
2021-Present	GITAM University (Visakhapatnam, India) School of Physiotherapy, Board of Studies
2018-2019	9 th International Conference for Evidence Based Healthcare Teachers and Developers, Steering Committee

- 2011-2017 Chair, Expert Reference Group for the Joanna Briggs Institute (Rehabilitation)
- 2016-2017 8th International Conference for Evidence Based Healthcare Teachers and Developers, Steering Committee
- 2014-2015 7th International Conference for Evidence Based Healthcare Teachers and Developers, Steering Committee
- 2008-2009 6th International Conference for Evidence Based Healthcare Teachers and Developers, Steering Committee
- 2008-2011 Chair, Evidence Based Practice Assessment Consensus group, International Meeting of Evidence Based Health Care Teachers and Developers

STATE AND NATIONAL SERVICE:

- 2021 Contributor, American Council of Academic Physical Therapy: Strategic Plan Development Retreat (Aug 11-13, 2021)
- 2018-2020 President, APTA Academy of Physical Therapy Research (**Elected Position**) [name changed from APTA Section on Research 2-2020]
- 2017-2018 President-elect, APTA Section on Research (**Elected Position**)
- 2017-2020 Member, Research Committee, APTA Academy of Physical Therapy Education
- 2016-2020 Member, Implementation and Dissemination Taskforce for APTA Neurology Section Clinical Practice Guideline (Vestibular Rehabilitation)
- 2012-2016 Co-Chair, Task Force on Evidence Based Practice Curricular Guidelines for Doctor of Physical Therapy Education, APTA Evidence Based Practice Special Interest Group
- 2012-2015 Inaugural Chair, Evidence Based Practice Special Interest Group, APTA Section on Research (**Elected Position**)
- 2011-2012 Chair, Development Committee: Evidence Based Practice Special Interest Group, APTA Section on Research
- 2010-2011 Member, Evidence Based Documents Advisory Panel, APTA
- 2008 Member, Committee on Clinical Guidelines Development, APTA

- 2007-2010 Vice Chair, Vestibular Rehabilitation Special Interest Group, APTA Neurology Section (**Elected Position**)
- 2005-2006 Member, Task Force on House of Delegates Governance, APTA
- 2003-2004 Member, Focus Group on House of Delegates Regional Caucus Structure, APTA
- 2003-2005 Chair, Membership Committee, Hawaii Chapter of the APTA
- 2003-2004 Chief Delegate, APTA National House of Delegates, Hawaii Chapter of the APTA (**Elected Position**)
- 2002 Chair, Stroke Special Interest Group Nominating Committee, APTA Neurology Section (**Elected Position**)
- 2000-2001 Member, Stroke Special Interest Group Nominating Committee, APTA Neurology Section (**Elected Position**)
- 2001-2002 Delegate, APTA National House of Delegates, Hawaii Chapter of the APTA (**Elected Position**)
- 2001-2005 Board of Directors, Hawaii Chapter of the APTA
- 2000-2003 Federal Key Contact, Neil Abercrombie, U.S. Representative, Hawaii Chapter of the APTA
- 2000-2003 Member, Legislative Committee, Hawaii Chapter of the APTA
- 1999 Assembly of Representatives (Long Beach/South Bay District), California Chapter of the APTA (**Elected Position**)

UNIVERSITY SERVICE:

University of Southern California

- 2019-present Member, Online Learning Council
- 2009-2013 & 2015-2017 Chair, Committee for Information Services (2009-2011 with Doug Shook, 2011-2013 with Maryalice Jordan-Marsh, 2015-2017 with Brian Shepard)
- 2008, 2014 Member, Committee for Information Services

Division of Biokinesiology and Physical Therapy

- 2021-present Chair, DPT Program Directors' Council
- 2021-present Chair, Curriculum Oversight Committee (Member 2010-2021)

2021-present	Member, Educational Research and Scholarship Lab (Chair and Founder 2018-2021)
2017-present	Member, Division Executive Committee
2019-2021	Ex Officio Member, Information Technology Committee
2017-2019	Member, CAPTE Steering Committee
2011-2019	Chair, Information Technology Committee
2011-2012	Chair, Faculty Affairs Committee (elected position)
2010-2013	Chair, Sullivan Center Development and Implementation Taskforce
2008-2009	Member, Information Technology Committee
2010-2011	Member, Faculty Affairs Committee
2010	Chair, Ethics Committee
2007-2010	Member, Commencement Speaker Planning Committee
2008-2009	Member, Admissions Committee
2008	Member Faculty Search Committee: Director of Clinical Education
2006-2008	Member, Post Professional Education Strategic Planning Committee
2006-2008	Chair, Evidence Based Practice Curriculum Development Taskforce

EDITORIAL ACTIVITIES:

2015-2019	Associate Editor, <i>BMC Medical Education</i>
2012-2015	Editorial Board Member, PTNow.org of the American Physical Therapy Association

JOURNAL REVIEWER:

2016-present	BMC Health Services Research
2016-present	Implementation Science
2016-present	Health Policy Research and Systems
2015-present	BMC Research Notes

2014-present	Teaching and Learning in Medicine: An International Journal
2014-present	PLOS ONE
2012-present	British Medical Journal
2012-present	Archives of Physical Medicine and Rehabilitation
2010-present	BMC Medical Education
2009-present	Neurorehabilitation and Neural Repair
2008-present	Physical Therapy Journal
2008-present	Journal of Neurologic Physical Therapy

GRANT REVIEWER:

2017-2019	Education Section, APTA: Research Grants (3 cycles)
2017	Patient-Centered Outcomes Research Institute (PCORI) - Scientist Reviewer for Cycle 3 2016 Dissemination and Implementation Merit Review
2010	California Chapter of the APTA: Clinical Research Grants

II. SCHOLARLY ACTIVITY

PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. **Tilson JK**, Martinez CA, MacDowell S, D’Silva LJ, Howard R, Roth HR, Skop KM, Dannenbaum E, Farrell L. Use of the knowledge to action model improved physical therapist adherence to a common clinical practice guideline across multiple settings: a multisite case series. *BMC Health Serv Res.* 2022;22(1462).
2. Park S, Liu C, Sánchez N, **Tilson JK**, Mulroy SJ, Finley JM. Using Biofeedback to Reduce Step Length Asymmetry Impairs Dynamic Balance in People Poststroke. *Neurorehabil Neural Repair.* 2021;35(8):738-749.
3. Martinez C, **Tilson JK**. Controlled comparison of a flipped classroom evidence-based practice course delivered online or on-campus *BMJ Evid Based Med.* 2021;26(5):219-223.
4. David N, Lindblad AJ, Widyahening IS, Bernado W, Chi C, Cowdell F, Becker K, Constantine S, East C, Myrhaug HT, Johnson SG, Jack E, Thompson R, Achilles H, Berg RC, Snibsøer AK, Puscasiu L, Bartelink M, van Peet P, McCurtin A, Berti F, **Tilson JK**, Tikkinen KAO, Albarqouni L, Hoegen P. Ten papers for teachers of evidence-based medicine and health care: Sicily workshop 2019. *BMJ Evid Based Med.* 2021;26(5):224-227.

5. Cartabellotta N and **Tilson JK**. The ecosystem of evidence cannot thrive without efficiency of knowledge generation, synthesis and translation. *J Clin Epidemiol*. 2019;110:90-95.
6. Lee JH, Baker LL, Johnson RE, **Tilson JK**. Effectiveness of neuromuscular electrical stimulation for management of shoulder subluxation post-stroke: a systematic review with meta-analysis. *Clin Rehabil*. 2017;31(11):1431-1444.
7. Rose DK, Nadeau SE, Wu SS, **Tilson JK**, Dobkin BH, Pei Q, Duncan PW. Locomotor Training and Strength and Balance Exercises for Walking Recovery After Stroke: Response to Number of Training Sessions. *Phys Ther*. 2017;97(11):1066-1074.
8. Hershberg JA, Rose DK, **Tilson JK**, et al. The interface of clinical decision-making with study protocols for knowledge translation from a walking recovery trial. *J Neurol Phys Ther*. 2017;41(1):59-67.
9. Phillips AC, Lewis LK, McEvoy MP, Galipeau M, Glasziou P, Moher D, **Tilson JK**, Williams MT. Usability testing of the guideline for reporting evidence-based practice educational interventions and teaching (GREET): Stage 3 of the development of a reporting guideline. *BMC Med Educ*. 2016;16:237.
10. **Tilson JK**, Mickan S, Howard R, Sum JC, Zibell M, Cleary L, Mody B, Michener, L. Promoting physical therapists' use of research to inform clinical practice: part 3 – long term feasibility assessment of the PEAK program. *BMC Med Educ*. 2016;16(1):144.
11. **Tilson JK**, Marshall K, Tam JJ, Feters L. A bibliometric analysis of statistical terms used in American Physical Therapy Association journals (2011-2012): evidence for educating physical therapists. *BMC Med Educ*. 2016;16(1):118.
12. **Tilson JK**, Loeb K, Barbosa S, Jiang F, Lee KT. Use of tablet computers to promote physical therapy students' engagement in knowledge translation during clinical experiences. *J Neurol Phys Ther*. 2016;40(2):81-89.
13. Kaplan SL, **Tilson JK**, Levine S, George SZ, Fay D, Hack L, Jewell DV, Wainner R. Strategies for using the APTA Section on Research Evidence-Based Practice Curriculum Guidelines. *J Phys Ther Educ*. 2016;30(2):23-31.
14. Liphart J, Gallichio J, **Tilson JK**, Pei Q, Wu SS, Duncan PW. Concordance and discordance between measured and perceived balance and the effect on gait speed and falls following stroke. *Clin Rehabil*. 2016;30(3):294-302.
15. Ilic D, Nordin RB, Glasziou P, **Tilson JK**, Villanueva E. A randomised controlled trial of a blended learning education intervention for teaching evidence-based medicine. *BMC Med Educ*. 2015;15:39.

16. Phillips AC, Lewis LK, McEvoy MP, Galipeau J, Glasziou P, Hammick M, Moher D, **Tilson JK**, Williams MT. A Delphi survey to determine how educational interventions for evidence-based practice should be reported: stage 2 of the development of a reporting guideline. *BMC Med Educ.* 2014;14:159.
17. Phillips AC, Lewis LK, McEvoy MP, Galipeau J, Glasziou P, Hammick M, Moher D, **Tilson JK**, Williams MT. A systematic review of how studies describe educational interventions for evidence-based practice: stage 1 of the development of a reporting guideline. *BMC Med Educ.* 2014;14:152.
18. Mickan S, Atherton H, Roberts NW, Heneghan C, **Tilson JK**. Use of handheld computers in clinical practice: a systematic review. *BMC Med Inform and Decis Mak.* 2014;14:56.
19. **Tilson JK**, Mickan S, Sum JC, Zibell M, Dylla J, Howard R. Promoting physical therapists' use of research evidence to inform clinical practice: part 2 - a mixed methods evaluation of the PEAK program. *BMC Med Educ.* 2014;14:126.
20. **Tilson JK**, Mickan S. Promoting physical therapists' use of research evidence to inform clinical practice: part 1 - theoretical foundation, evidence, and description of the PEAK program. *BMC Med Educ.* 2014;14:125.
21. Ilic D, Nordin RB, Glasziou P, **Tilson JK**, Villanueva E. Development and validation of the ACE tool: assessing medical trainees' competency in evidence based medicine. *BMC Med Educ.* 2014;14:114.
22. Ilic D, Nordin RB, Glasziou P, **Tilson JK**, Villanueva E. Implementation of a blended learning approach to teaching evidence based practice: a protocol for a mixed methods study. *BMC Med Educ.* 2013;13:170.
23. Mickan S, **Tilson JK**, Atherton H, Roberts NW, Heneghan C. Evidence of effectiveness of healthcare professionals using handheld computers: A scoping review of systematic reviews. *J Med Internet Res.* 2013;15(10):e212.
24. Nadeau SE, Wu SS, Dobkin BH, Azen SP, Rose DK, **Tilson JK**, Cen SY, Duncan PW. Effects of Task-Specific and Impairment-Based Training Compared with Usual Care on Functional Walking Ability After Inpatient Stroke Rehabilitation LEAPS Trial. *Neurorehabil Neural Repair.* 2013; 27: 370-380.
25. Rose DK, Behrman AL, Nadeau SE, Martin AD, Schofield RS, **Tilson JK**, Cen SY, Lu X, Wu SS, Azen S, Duncan PW. Does Exercise Tolerance Testing at 60 days Post-Stroke Predict Rehabilitation Performance? *Arch Phys Med Rehabil.* 2013; 94(7):1223-1229.
26. Phillips AC, Lewis LK, McEvoy MP, Galipeau J, Glasziou P, Hammick M, Moher D, **Tilson JK**, Williams MT. Protocol for development of the guideline for reporting evidence based practice educational interventions and teaching (GREET) statement. *BMC Med Ed.* 2013;13(9).

27. **Tilson JK**, Wu SS, Cen SY, Feng Q, Rose DR, Behrman AL, Azen S, Duncan PW for the LEAPS Investigative Team. Characterizing and identifying risk for falls in the LEAPS study: a randomized clinical trial of interventions to improve walking post-stroke. *Stroke*. 2012;43:446-452.
28. **Tilson JK**, Kaplan SL, Harris JL, Hutchinson A, Ilic D, Niederman R, Potomkova J, Zwolsman S. Sicily Statement on Classification and Development of Evidence-Based Practice Learning Assessment Tools. *BMC Med Ed*. 2011; 11:78.
29. Duncan PW, Sullivan KJ, Behrman AL, Azen SP, Wu SS, Nadeau SE, Dobkin BH, Rose DK, **Tilson JK**, Cen SY, and Hayden SK, for the LEAPS Investigative Team. Body-Weight-Supported Treadmill Rehabilitation after Stroke. *N Engl J Med*. 2011; 364(21):2026-2036.
30. Sullivan KJ, **Tilson JK**, Cen SY, Rose DK, Hershberg J, Correa A, Gallichio J, McLeod M, Moore C, Wu SS, Duncan PW. Fugl-Meyer Assessment of Sensorimotor Function After Stroke: Standardized Training Procedure for Clinical Practice and Clinical Trials. *Stroke*. 2011;42:427-432.
31. **Tilson JK**. Validation of the modified Fresno Test: assessing physical therapists' evidence based practice knowledge and skills. *BMC Med Ed*. 2010, 10:38.
32. **Tilson JK**, Sullivan KJ, Cen CY, Rose DK, Koradia CH, Azen PA, Duncan PW for the LEAPS Investigative Team. Meaningful gait speed improvement during the first 60 days post stroke: Minimal Clinically Important Difference. *Phys Ther*. 2010; 90(2):196-208.
33. Glasziou P, Chalmers I, Altman DG, Bastian H, Boutron I, Brice A, Jamtvedt G, Farmer A, Gherzi D, Groves T, Heneghan C, Hill S, Lewin S, Michie S, Perera R, Pomeroy V, **Tilson J**, Shepperd S, Williams JW. Taking healthcare interventions from trial to practice. *BMJ*. 2010;341, 384-387.
34. **Tilson JK**, Settle SM, Sullivan KJ. Application of evidence-based practice strategies: current trends in walking recovery interventions poststroke. *Topic Stroke Rehabil*. 2008; 15(3):227-246.
35. Duncan PW, Sullivan KJ, Behrman AL, Azen S, Wu SS, Nadeau SE, Dobkin BE, Rose DK, **Tilson JK**, for the LEAPS Investigative Team. Protocol for the locomotor experience applied post-stroke (LEAPS) trial: a randomized controlled trial. *BMC Neurol*. 2007;7(1):39.

LETTERS IN PEER-REVIEWED JOURNALS:

36. Gordon J, **Tilson JK**. On "Storm clouds on the horizon: The 3 perils of unconstrained academic growth in physical therapist education". Letter to the Editor. *Phys Ther*. 2022;102(11):128.

37. Glasziou P, Chalmers I, Altman DG, Bastian H, Boutron I, Brice A, Jamtvedt G, Farmer A, Ghersi D, Groves T, Heneghan C, Hill S, Lewin S, Michie S, Perera R, Pomeroy V, **Tilson J**, Shepperd S, Williams JW. From trial to practice, Authors' reply. *Br. Med. J.* 2010;341.
38. Keister D, **Tilson J**. Letter to the Editor: Proactive monitoring for newly emerging evidence: the lost step of EBP? *Evid Based Medicine.* 2008 Jun; 13(3):69.

PUBLISHED BOOKS and CHAPTERS:

39. Feters L and **Tilson JK**. *Evidence Based Physical Therapy.* 2nd Edition. Philadelphia, PA: F.A. Davis; 2019.
40. **Tilson JK**. Evidence about Prognosis. In: Evidence-Based Practice across the Health Professions. Chatswood, Australia: Elsevier Australia; 2017: 185-201.
41. Hoffman T, Del Mar C, Baird M, Boyle M, Coombs F, Gibson E, Landorf K, Munteanu S, Nissen L, Rickard C, Reilly S, Sanders S, Singh N, **Tilson JK**. Questions about Prognosis: Examples of Appraisals from Different Health Professions. In: Evidence-Based Practice across the Health Professions. Chatswood, Australia: Elsevier Australia; 2017: 202-225.
42. Feters L and **Tilson JK**. *Evidence Based Physical Therapy.* Philadelphia, PA: F.A. Davis; 2012.

OTHER PUBLICATIONS:

43. Schmitt LA, Tyler TF, **Tilson JK**. CPG+ of *Non-Arthritic Hip Joint Pain: Clinical Practice Guidelines Linked to the International Classification of Functioning, Disability and Health from the Orthopaedic Section of the American Physical Therapy Association.* PTNow.org. March 2015.
44. Levine D, **Tilson JK**, Fay D, George S, Hack L, Jewell D, Kaplan S, Richter R, Wainner R. Doctor of physical therapy education evidence-based practice curriculum guidelines. Evidence Based Practice Special Interest Group: Section on Research. March 2014.
45. Diaz A, Giordano A, McCulloh K, **Tilson JK**. CPG+ of *American Academy of Neurology. Evidence-based Guideline Update: Evaluation and Management of Concussion in Sport.* PTNow.org. June 6, 2014.
46. **Tilson JK**, Greenberger H, Norris T, Selby-Silverstein L, Sargent B. CPG+ of *Physical Therapy Management of Congenital Muscular Torticollis: An Evidence-Based Clinical Practice Guideline.* PTNow.org. February 3, 2014.
<http://www.ptnow.org/PracticeGuidelines/Detail.aspx?cid=e0a3dc58-375e-47a0-a062-7869a5629bce#.U6NGe7FZhEM>
47. **Tilson JK**. Q&A about Shoulder Subluxation. *Stroke Connection, American Stroke Association.* Nov/Dec. 2009; pp18-19.

48. Sullivan, KJ and **Tilson, JK**. American Physical Therapy Association, Issues Brief. Healthcare Needs for Prevention of and Recovery from Stroke. Alexandria, VA: APTA Government Affairs. Jan. 2007.
49. Corley P and **Tilson J**. From Traditional Library Instruction to Collaborative Instruction: Charting the Course toward Evidence-Based Practice. Proceedings of the 35th National LOEX Library Instruction Conference. Ypsilanti, MI: *LOEX Press*. 2007.
50. **Tilson J**. and Corley P. USC Librarians and PT Faculty Team Up to Teach EBP. *Nursing and Allied Health Resources Section, Medical Library Association Newsletter*. 2007:27(1).
51. **Tilson J**. Commentary: Predicting Caregiver Assistance Required for Sit-to-stand Following Rehabilitation for Acute Stroke. *JNPT*. 2006;30.

RESEARCH PRESENTATIONS AT SCIENTIFIC MEETINGS (Abstracts):

International:

1. **Tilson JK**, Martinez C, MacDowell S, Crowner B, Dannenbaum L, D'Silva L, Farrell L, Roth HR, Skop K. Activating the Knowledge to Action framework: a five-site implementation case series in rehabilitation settings in the United States. 8th International Conference of the International Society of EBHC with 9th International Conference for EBHC Teachers and Developers. Taormina, Italy. November 9, 2019. (platform)
2. Martinez C and **Tilson, JK**. Teaching EBP in a flipped classroom model: a controlled comparison between learning on-campus and online. 9th International Conference of the International Society of EBHC with 9th International Conference for EBHC Teachers and Developers. Taormina, Italy. November 8, 2019. (platform)
3. Liu C, Park S, Sanchez S, **Tilson JK**, Mulroy SJ, Finley JM. Asymmetries in the Reactive Control of Angular Momentum during Post-stroke Gait. XXVII Congress of the International Society of Biomechanics and 43rd Annual Meeting of the American Society of Biomechanics. Calgary, Canada. August 3, 2019. (platform)
4. Park S, Liu C, Sanchez N, **Tilson JK**, Mulroy SJ, Finley JM. Impact of Modifying Spatiotemporal Asymmetry on Dynamic Balance during Walking Post-Stroke. XXVII Congress of the International Society of Biomechanics and 43rd Annual Meeting of the American Society of Biomechanics. Calgary, Canada. August 3, 2019. (platform)
5. **Tilson JK**, MacDowell S, Crowner B, Dannenbaum L, D'Silva L, Farrell L, Roth HR, Skop K. Building capacity for dissemination and implementation of CPGs published by non-profit, nongovernmental organizations in the United States. 8th International Conference for EBHC Teachers and Developers. October 28, 2017. Taormina, Italy. (platform)

6. **Tilson JK**, Mickan S, Sum JC, Zibell M, Howard R, Dylla J. The PEAK EBP Program for Physical Therapists: A Mixed Methods Analysis. 1st Asia Pacific Epidemiology and Evidence Based Practice Conference. June 7, 2012. Kuala Lumpur, Malaysia. (platform)
7. **Tilson JK**, Kaplan SL, Harris JL, Hutchinson A, Ilic D, Niederman R, Potomkova J, Zwolsman S. Sicily Statement on Classification and Development of Evidence-Based Practice Learning Assessment Tools. 1st Asia Pacific Epidemiology and Evidence Based Practice Conference. June 7, 2012. Kuala Lumpur, Malaysia. (platform)
8. **Tilson JK**, Sullivan KJ, Cen SY, Feng Q, Rose DK, Behrman AL, Wu SS, Duncan PW, for the LEAPS Investigators. Identifying Persons at Risk for Multiple and Injurious Falls at 2-Months Post-Stroke. *Physiotherapy*. 2011;97(S1):es1236. 16th International World Congress for Physical Therapy. June 20-23, 2011. Amsterdam, Netherlands. (poster)
9. **Tilson JK**, Mickan S, Sum JC, Zibell M, Howard R, Dylla J. Impact and Implications of a Multi-Faceted, Participant Driven, EBP Educational Intervention. Evidence 2011. October 24-26, 2011. London, UK. (poster)
10. **Tilson JK**, Kaplan SL, Harris JL, Hutchinson A, Ilic D, Niederman R, Potomkova J, Zwolsman S. Sicily Statement on Classification and Development of Evidence-Based Practice Learning Assessment Tools. Evidence 2011. October 24-26, 2011. London, UK. (poster)
11. Duncan PW, Sullivan KJ, Behrman, AL, Azen SP, Wu SS, Nadeau SE, Dobkin BH, Rose DK, **Tilson JK**, Cen SY, Hayden SK for the LEAPS Investigative Team. Primary results for LEAPS: a multi-site, phase III, randomized trial of physical therapy interventions to improve walking recovery post-stroke. *Stroke*. 2011;42:587. Canadian Stroke Conference. October 3, 2011. Ottawa, CA. (platform)
12. Duncan PW, Sullivan KJ, Behrman AL, Nadeau S, Dobkin B, Azen S, Rose D, **Tilson JK**, Cen Y. Locomotor Experience Applied Post Stroke. International Stroke Conference. February 11, 2011. Los Angeles, CA. (poster)
13. Rose DK, Behrman AL, Cen SY, Sullivan KJ, **Tilson JK**, Martin AD, Schofield RS, Wu SS, Duncan PW for the LEAPS Investigative Team. Exercise tolerance test performance in subacute stroke across severity Levels *Stroke*. 2011;42:e589. International Stroke Conference. February 11, 2011. Los Angeles, CA.
14. Behrman AL, Sullivan KJ, Wu SS, Nadeau SE, Dobkin BH, Azen SP, Rose K, **Tilson JK**, Cen S, Duncan PW LEAPS Investigative Team. Functional walking ability 2 to 6 months after stroke: effects of progressive task-specific and impairment-based exercise rehabilitation programs compared to usual care. *Stroke*. 2011;42:e610. International Stroke Conference. February 11, 2011. Los Angeles, CA.
15. **Tilson, JK**, Duncan PW, Wu SS, Cen SY, Feng Q, Sullivan KJ, Rose DK, Behrman AL, Azen SP for the LEAPS Investigative Team. Characterizing and identifying risk for falls

- in the leaps study: a randomized clinical trial. *Stroke*. 2011;42:E620. Canadian Stroke Conference. October 3, 2011. Ottawa, CA.
16. Duncan PW, **Tilson JK**, Cen SY, Wu SS, Sullivan KJ, Behrman AL, Rose DR. Incidence and risk for falls among ambulatory persons post-stroke. Australian and New Zealand Falls Prevention Society. Dunedin, New Zealand. November 21-23, 2010.
 17. Azen SP, Sullivan KJ, **Tilson JK**, Cen SY, He J, Vigen C. Data Mining for Population-Based Studies. 19th International Conference on Computational Statistics. COMPSTAT'2010. Book of Abstracts. Paris, France, August 22-27, 2010.
 18. **Tilson JK**. Validation of a Modified Fresno Test to Assess Evidence-Based Practice skills. Presented at: International Conference of Evidence Based Practice Teachers and Developers. October 29, 2009. Taormina, Italy.
 19. **Tilson JK**, Sullivan KJ, Cen SY, Rose DK, Behrman AL, Duncan PW. Determination of the Minimal Clinically Important Difference in the Lower Extremity Fugl-Meyer Motor Score in the first 60 days post-stroke. *Stroke*. 39(3). p. 693, 2008. International Stroke Conference, New Orleans, LA. February 2008.
 20. Rose DK, Duncan PW, Cen Y Behrman AL, Sullivan KJ, **Tilson JK**, Wu S. Contributors to Self-Assessment of Quality of Life Post-Stroke. American Congress of Rehabilitation Medicine/American Society of Neurorehabilitation, Oct. 16, 2008 Toronto, Ontario.
 21. Rose DK, Behrman AL, Cen Y, Sullivan KJ, **Tilson JK**, Martin AD, Schofield RS, Wu S, Nadeau S, Dobkin B, Duncan PW. Response to Exercise Tolerance Testing in Subacute Stroke across Severity Levels. 6th World Stroke Congress. September. 25, 2008 Vienna, Austria.
 22. Rose, DK, Behrman AL, Cen SY, Sullivan KJ, Martin AD, Schofield RS, **Tilson JK**, Nadeau SE, Dobkin BH, Wu S, Duncan PW. Response to Exercise Tolerance Testing in Subacute Stroke across Severity Levels. *Stroke*. 39 (2). p. 92, 2008. International Stroke Conference, New Orleans, LA.
 23. **Tilson JK**, Rose DK, Xu L, Sullivan KJ. Inter-Rater Reliability of the Fugl-Meyer Assessment Tool in a Phase III, Multisite, Randomized Clinical Trial. World Physical Therapy Conference. *Physiotherapy*. 2007;93(S1):S41. Presented at World Physical Therapy Congress, Vancouver, CA, May 2007.

National:

24. *Accepted:* **Tilson JK**, Martinez C, MacDowell S, D'Silva L, Howard R, Roth H, Dannenbaum E, Farrell L. Therapist and Patient Experiences with Implementation of a Peripheral Vestibular Hypofunction Clinical Practice Guideline. Combined Sections Meeting. San Diego, CA. February 25th, 2023 (poster)

25. Haladay DE, Morris Z, Applebaum D, Fitzgerald C, Flom-Meland CK, Anderson SA, Klein AB, **Tilson JK**, Manal TJ, Gravano TN, Russ D, Miro R, Wegley JC, Picard-Fraser M, DeWaay DJ. Development of an Evidence-Based Practice-Specific EPA for DPT Students: A Modified Delphi Study. Educational Leadership Conference. Planned October 28, 2022. Milwaukee, WI. (poster)
26. Andersen M, Sebelski CA, Martinez C, Kirages DJ, Vagy J, **Tilson JK**. Hybrid and Traditional Instruction: A Controlled Comparison of Student Performance in a Clinical Skills Course. Educational Leadership Conference. October 18, 2020. (platform)
27. Andersen M, Havens K, Kirages DJ, Nelsen M, Robertson E, **Tilson JK**, Sebelski CA. DPT Student Self-Efficacy on Psychomotor Skill Performance: A Comparison of Hybrid and Traditional Learning Models. Educational Leadership Conference. October 20, 2019. Seattle, WA. (platform)
28. Martinez CA, MacDowell S, Crouner B, Dannenbaum E, D’Silva LJ, Farrell L, Roth HR, Skop K, Howard R, **Tilson JK**. Implementing the APTA Clinical Practice Guidelines for Peripheral Vestibular Hypofunction: preliminary results of a multicenter mixed-methods case series. January, 26, 2019. APTA Combined Sections Meeting, Washington, D.C. (poster)
29. **Tilson JK**, Landel R, Andersen M, Dominguez J, Kirages D, Robertson R, Sebelski C, Simson S, Stevenson J, Teglia V, Aguilar S, Gordon J. Expanding a DPT program to include a hybrid online/on-campus cohort: a case study of shared governance. October 14, 2018. Educational Leadership Conference. Jacksonville, FL. (platform)
30. **Tilson JK**, Gordon J, Andersen M, Dominguez J, Havens K, Hershberg J, Kirages D, Landel R, Robertson E, Simpson M, Stevenson J. Implementing a Hybrid Online/On-Campus DPT Program at a Research-Intensive Institution: A Protocol for Comparing Learning Outcomes with an Existing Residential Program. APTA Combined Sections Meeting. February 24, 2018. New Orleans, LA. (poster)
31. **Tilson JK**, MacDowell Sara, Crouner B, Dannenbaum E, D’Silva L, Farrell L, Roth H, Skop K. A Model for Active Dissemination and Implementation of Clinical Practice Guidelines Published by Academies and Sections of the APTA. American Physical Therapy Association. Combined Sections Meeting. February 22, 2018. New Orleans, LA.(poster).
32. **Tilson JK**, MacDowell S, Dannenbaum L, D’Silva L, Farrell L, Roth HR, Skop K. Concurrent adaptation of a new clinical practice guideline in diverse healthcare organizations. 9th Annual Conference on the Science of Dissemination and Implementation in Health. December 4, 2017. Washington, DC (poster).
33. **Tilson JK**, Mickan S, Howard R, Sum JC, Zibell M, Cleary L, Mody B, Michener, L. Implementation of best practices in physical therapy for patients with low back pain. 9th

- Annual Conference on the Science of Dissemination and Implementation in Health. December 15, 2016. Washington, DC (poster).
34. Anderson M, **Tilson JK**. Student and Faculty Attitudes and Perceptions about the use of iPads in the First Year of a Professional Physical Therapy Program. American Physical Therapy Association Next Conference. June 5, 2015. National Harbor, MD (poster).
 35. **Tilson JK**, Marshall K, Tam JJ, Feters L. Toward better informed curricula: a bibliometric analysis of statistical terms used in physical therapy literature. American Physical Therapy Association Combined Sections Meeting. January 6, 2015. Indianapolis, IN (platform).
 36. Loeb K, Barbosa S, Lee K, **Tilson JK**. Student Access to iPads Promotes Evidence Based Practice During Clinical Experiences. American Physical Therapy Association Combined Sections Meeting. January 24, 2013. San Diego, CA (platform).
 37. Phillips AC, Lucy LK, McEvoy MP, **Tilson JK**, Williams MT. How Educational Interventions for Evidence Based Practice Have Been Reported: Systematic Review. American Physical Therapy Association Combined Sections Meeting. January 24, 2013. San Diego, CA (poster)
 38. **Tilson JK**. Assessment of Evidence Based Practice Skills: A Validation Study. Combined Sections Meeting, American Physical Therapy Association. February 19, 2010. San Diego, CA. (platform)
 39. **Tilson JK**, Sullivan KJ, Cen SY, Rose DK, Behrman AL, Azen S, Duncan PW. Determination of the Minimal Clinically Important Difference for Self-Selected Gait Velocity in the First 60 Days Post-Stroke.) California Chapter of the American Physical Therapy Association: Annual Conference. October 3, 2009. (platform)
 40. **Tilson JK**, Sullivan KJ, Cen SY, Rose DK, Behrman AL, Azen S, Duncan PW. Determination of the Minimal Clinically Important Difference for Self-Selected Gait Velocity in the First 60 Days Post-Stroke.) California Chapter of the American Physical Therapy Association: Annual Conference. Combined Sections Meeting of the American Physical Therapy Association, February 12, 2009, Las Vegas, NV. (platform)
 41. Rose DK, Behrman AL, Cen Y, Sullivan KJ, **Tilson JK**, Martin AD, Schofield RS, Wu S, Duncan PW. Response to Exercise Tolerance Testing in Subacute Stroke across Severity Levels. Combined Sections Meeting of the American Physical Therapy Association, February 12, 2009, Las Vegas, NV. (platform)

NEWS RELEASES AND PROFESSIONAL PRESS:

1. Podcast Interview: PT Pintcast. *APTA Section on Research with Julie Tilson*. October 15, 2019. <https://www.ptpintcast.com/2019/10/15/apta-section-on-research-with-julie-tilson/>

2. Podcast Interview: Healthcare Education Transformation Podcast. *USC Hybrid DPT Program*. November 7, 2018.
<https://healthcareeducationtransformationpodcast.libsyn.com/dr-julie-tilson-usc-hybrid-dpt-program>
3. Quoted in: The Digital Revolution. *inMotion: the official publication of the USC Division of Biokinesiology and Physical Therapy*. Fall 2017.
4. News brief: “Tilson receives Neurologic Physical Therapy Knowledge Translation Grant. *inMotion: the official publication of the USC Division of Biokinesiology and Physical Therapy*. Fall 2017.
5. Quoted in “What PTNow means for the clinician” by Chris Hayhurst. *PT in Motion*. June 2014.
6. Quoted in: “Off the Charts: How evidence-based practice apply to individual patients?” by John Leighty. *Today in Physical Therapy*. March 2012.
7. Press release: Dr. Julie Tilson is Coauthor of International Consensus on Teaching Evidence-Based Practice in Health Care. Division of Biokinesiology and Physical Therapy. Nov 29, 2011.
8. Article: “Tilson Contributes to International Health Care Statement” in *USC News*. Nov 30, 2011.
9. Quoted in: Canadian Stroke Network Press Release: Prevention measures needed to address major risk of falls after stroke regarding abstract at Canadian Stroke Conference. Carried by numerous news organizations. October 2011.
10. Quoted in: “Surfing for Evidence” by Alice M. Starcke, *PT Magazine*, June 2009.
11. Quoted in “[Research] Speed Dating a Hit with Faculty” by Steven Linan, *USC News*, April 2009

PRESENTATIONS:

Keynote Presentations

1. **Tilson JK**. Clinical Practice Guidelines for Vestibular Rehabilitation: Implementation Science with a Focus on a Multi-Site Case Series. Research Keynote Address. New York Physical Therapy Association Virtual Conference. October 14, 2021.
2. Smith B, Fritz J, Lobo M, **Tilson JK**. APTA Academy of Research Eugene Michaels Forum: Systematic Reviews Provide the Best Available Evidence to Guide Physical Therapy Practice. Online. February 24, 2021.

3. **Tilson JK.** Harnessing the Future of Evidence Based Practice. Research Night, Keynote Address, Regis University School of Physical Therapy. Denver, Colorado. October 5, 2018.
4. **Tilson JK.** Leadership through Evidence Based Practice and Knowledge Translation. Northridge, CA. Evidence-Based Physical Therapy Practice Day, Keynote Address. California State University Northridge, College of Health and Human Development, Department of Physical Therapy. May 5, 2016.
5. **Tilson JK.** The New Face of Evidence Based Practice. Research Keynote Address. New York Physical Therapy Association 2015 Conference, Albany, NY. October 23, 2015.
6. **Tilson JK.** Evidence Based Medicine in a Parallel World – Experiences with Evidence Based Medicine in Physical Therapy. Keynote Address. Evidence-Based Veterinary Medicine Symposium, Evidence-Based Veterinary Medicine Association. June 15, 2010.

International:

7. **Tilson JK.** Clinician Dashboards, the Time is Now! Taormina, Italy 8th International Conference for Evidence Based Healthcare Teachers and Developers. October 26, 2017.
8. **Tilson JK.** Evidence Based Stroke Rehabilitation. Malaya University Hospital. June 6, 2012. Kuala Lumpur, Malaysia.
9. **Tilson JK.** Evidence Based Stroke Rehabilitation. MAHSA University. June 6, 2012. Kuala Lumpur, Malaysia.
10. **Tilson JK** and Mickan S. Impact and Implications of a Multi-Faceted, Participant Driven, EBP Educational Intervention. Centre for Evidence Based Medicine. Sept 1, 2011. Oxford, UK.
11. **Tilson JK.** EBP Fellowship Study: A controlled pilot study of an EBP educational intervention. Centre for Evidence Based Medicine. September 2, 2010. Oxford, UK.
12. **Tilson JK.** Validation of a Modified Fresno Test to assess Evidence-Based Practice skills. Centre for Evidence Based Medicine. September 2, 2009. Oxford, UK.
13. **Tilson JK.** Development and Validation of the Evidence Based Practice Skills Assessment Test: A Progress Report. Centre for Evidence Based Medicine. Oxford, United Kingdom. September 4, 2008.
14. **Tilson JK.** Assessment of Evidence Based Practice Skills. 14th Oxford Workshop in Teaching Evidence-Based Practice. September 4, 2008.

National:

15. Vagy JS, Ruckert EA, Kirages DJ, Simpson MS, Wentzell EM, Dring J, Birkmeier MC, Costello E, **Tilson JK**. Praxis of Learning in Action: 3rd Year DPT Curricular Models for Excellence & Innovation. Educational Leadership Conference. October 28, 2022. Milwaukee, WI. Educational symposium.
16. **Tilson JK**. What's Happening in EBP Education? Evidence Based Practice Special Interest Group World Evidence Based Healthcare Day 2022 Celebration. October 20, 2022. Online presentation.
17. Gordon J, Matthew D, **Tilson JK**. Cooperative Learning is a Signature Pedagogy in DPT Education. April 8-9, 2022. Video Presentation.
18. Gordon J, **Tilson JK**. Reimagining Meets Reality: The Critical Role of Educational Logistics. Disruptive Innovation in Physical Therapist Education, Reimagining Physical Therapist Education: A Virtual Summit. April 16-17, 2021. Video Presentation.
19. **Tilson JK**, Anderson MA, Matthews N, Havens K, Yamaguchi N, Krause L. Transitioning to a Hybrid Format: Lessons Learned for Developing Physical Skills. American Council on Academic Physical Therapy. July 24, 2020. Online Webinar.
<https://acapt.org/news/2020/08/03/free-recording-available-now-transitioning-to-a-hybrid-format-webinar>
20. **Tilson JK**, Martinez C, MacDowell S, Crouner B, Dannenbaum L, D'Silva L, Farrell L, Roth HR, Skop K. Research Making You Dizzy? How to Translate the Vestibular Clinical Practice Guidelines into Practice. February 14, 2020. APTA Combined Sections Meeting, Denver, CO.
21. **Tilson JK**. Implementation: What Works and What Doesn't. May 2, 2019. CoHSTAR Implementation Science Institute. Providence, RI.
22. Pozzi F, Cook C, **Tilson JK**. The Dark Side of PubMed: Predatory Publishing. January 24, 2019. APTA Combined Sections Meeting, Washington, D.C.
23. Romney W, Moore J, **Tilson JK**, Perry S, Deutsch J, Zelenik H. Implementing Meaningful Projects to Enhance EBP in Your Clinic. January 25, 2019. APTA Combined Sections Meeting, Washington, D.C.
24. Crouner B, **Tilson JK**, Siles A, Rafferty MR, Application of Knowledge Translation in Neurologic Physical Therapy. January 25, 2019. APTA Combined Sections Meeting, Washington, D.C.
25. Kaplan S, Greenberger H, Miller A, **Tilson JK**. A Roadmap Towards QI: Using Best Evidence to Improve Clinical Outcomes. February 21, 2018. APTA Combined Sections Meeting, New Orleans, LA.

26. Greenberger H, Norris T, Richter R, **Tilson JK**. Integrating Research Evidence and Clinical Expertise: How to Have a Happy Marriage. February 18, 2017. APTA Combined Sections Meeting, San Antonio, TX.
27. Avin K, Elrod M, Godges G, Hanke T, Kaplan S, McDonough C, **Tilson JK**. Critical Appraisal of Literature for Preparing Evidence-Based Documents. February 17, 2016. APTA Combined Sections Meeting, Anaheim, CA.
28. Selby-Silverstein L, Bose S, Moore M, Sum J, **Tilson JK**. Electronic Health Records and EBP: Maximizing Knowledge Translation. Saturday, 18, 2016. APTA Combined Sections Meeting, Anaheim, CA.
29. Selby-Silverstein L, **Tilson JK**, Costello M, Russen C, Ogsten J. How should I treat the patient? Accessing synthesized evidence at the point of care. February 6, 2015. APTA Combined Sections Meeting, Indianapolis, IN.
30. Deutsch J, Korner-Bitensky N, Manal TJ, **Tilson JK**, Jewell D. From Knowledge Translation to Action: Teaching and Implementing Evidence Based Practice: Connecting the Academy and Practice Moving Research Knowledge into Rehabilitation Practice (Pre-Conference Course). February 3, 2014. APTA Combined Sections Meeting, Las Vegas, NV.
31. **Tilson JK** and Landel R. There's an App for That! January 23, 2013. APTA Combined Sections Meeting, San Diego, CA.
32. **Tilson JK**. Become a Bridge Builder (NCS recognition breakfast). January 23, 2013. APTA Combined Sections Meeting. San Diego, CA.
33. Selby-Silverstein L, **Tilson JK**, Greenberger H, Norris T, Richter R. America's Next Top Model Journal Club. January 22, 2013. APTA Combined Sections Meeting, San Diego, CA.
34. **Tilson JK**, Fritz J, Parlman K, Culver L. Putting Evidence into Practice: Successful Models for Meaningful Knowledge Translation in the Clinic. June 7, 2012. APTA Annual Conference. Tampa, FL.
35. Kaplan S and **Tilson JK**. CREATE: A Framework for Assessments of Learning in Evidence-Based Practice. June 9, 2012. APTA Annual Conference. Tampa, FL.
36. Wolf S, Behrman AB, Rose DK, **Tilson JK**, Janis S, Richards C, Shumway-Cook A, Field-Fote E, Hornby, Moore C, Hershberg J. The LEAPS Trial Revisited: Discussion of Research, Current Evidence, and Clinical Practice in Post-stroke Rehabilitation. APTA Combined Sections Meeting. Feb 11, 2012. Chicago, IL.
37. Galgon AK, Hoder JM, **Tilson JK**, Crumley R, Griffith C. Vestibular and Balance Hi-Tech Gadget Show Case. APTA Combined Sections Meeting. Feb 10, 2012. Chicago, IL.

38. Mangione K, Blanton S, **Tilson JK**, Latham N, Fielding R. Recruiting, Engaging, and Training Clinical Exercise Staff: The Overlooked Backbone of Clinical Trials. Gerontological Society of America. Nov 20, 2011. Boston, MA.
39. **Tilson JK**. Creating Communities: Teaching Evidence Based Practice in Physical Therapy. Educational Leadership Conference (Roundtable Discussion). October 1, 2011. Clearwater, FL.
40. Duncan PW, Sullivan KJ, Behrman A, Rose D, **Tilson JK**. Results of the LEAPS trial and what they mean for physical therapist practice. APTA Combined Sections Meeting. February 12, 2011. New Orleans, LA.
41. **Tilson JK**. Evidence Based Stroke Rehabilitation: The LEAPS Study. Cedars Sinai Medical Center, Rehabilitation Medicine Continuing Education Program. July 22, 2010.
42. **Tilson JK**. Evidence Based Rehabilitation. 2nd Annual Stroke Update: Improving the continuum of care. Alta Bates Summit Regional Stroke Center. October 9, 2009.
43. **Tilson JK**. Evidence in Practice: Stroke Rehabilitation. Lecture in Concentrated Educational Series. American Physical Therapy Association: Annual Conference. San Antonio, TX. June 12, 2008.
44. **Tilson JK**, Rose DK, Correa A, Gallichio J, Hershberg J, McLeod M, Moore C. Incorporating valid and reliable outcome measures into care for patients with stroke: Suggestions from the LEAPS clinical trial. Combined Sections Meeting, American Physical Therapy Association, Nashville, TN. February 8, 2008.
45. Blanton SR, **Tilson JK**, Ellis MD, Wolf SL. Bridging the gap – The role of the clinician in clinical trial research. Combined Sections Meeting, American Physical Therapy Association, Nashville TN. February 9, 2008.

State

46. **Tilson JK**. Knowledge Translation in Vestibular Rehabilitation – Clarity from a Multisite Implementation Study. California Physical Therapy Association Annual Conference. Online. October 10, 2021.

CONTINUING EDUCATION COURSES PRESENTED:

Tilson JK. Evidence Based Practice for Neurologic Physical Therapy Professional Education Consortium. 2-6 contact hours.

2014-2022 Online (2 webinar hours)

2011-2013 Online and Los Angeles, CA (2 webinar hours, 4 onsite hours)

7/10 Los Angeles, CA (4 onsite hours)

Tilson JK and Fetters L. Evidence Based Practice Institute for Physical Therapy Faculty. 16 contact hours:

- 03/18 St. Ambrose University, Davenport, IA.
- 01/16 A.T. Still University, Mesa, AZ.
- 03/15 Rutgers University, Newark, NJ.
- 03/12 University of Tennessee Medical Center, Memphis, TN.
- 10/11 University of Southern California, Los Angeles, CA.
- 03/11 Elon University, Elon, NC.
- 10/10 Elon University, Elon, NC.
- 05/10 University of Southern California, Pasadena, CA.

Tilson JK. Module: How to Teach Evidence Based Practice. Research Academy in Evidence Based Practice. 12 contact hours.

8/14 Online for Nova Southeastern University. School of Health Sciences

Tilson JK. From Classroom to Clinic: How to Teach Evidence Based Practice in Physical Therapy. A workshop for PT Faculty. 8-12 contact hours.

- 03/11 Elon University, Elon, NC.
- 10/10 Northern Arizona University, Flagstaff, AZ.
- 10/10 A.T. Still University, Mesa, AZ.

Tilson JK. Vestibular Rehabilitation for Neurologic Physical Therapy Professional Education Consortium. 4-8 contact hours.

2010-2015 Online and Los Angeles, CA. (4 webinar hours, 4 onsite hours)

20 faculty including **Tilson JK.** How to Teach Evidence Based Medicine: A 5-day Workshop. Faculty member, 40 contact hours.

2008-2011 Center for Evidence Based Medicine, Oxford, UK.

Tilson JK. Evidence Based Practice in the Real World/Using Evidence to Empower Your Practice. 8 contact hours.

- 04/11 Casa Colina Medical Center, for USC Continuing Education, Los Angeles, CA.
- 4/10 Loma Linda University, Loma Linda, CA
- 03/11 Sharp Medical Center for USC Continuing Education, San Diego, CA.
- 03/10 Sharp Medical Center for USC Continuing Education, San Diego, CA.
- 04/09 Sharp Medical Center for USC Continuing Education, San Diego, CA.

Tilson JK. Evidence Based Practice in the Real World/Using Evidence to Empower Your Practice. 16 contact hours.

10/09 University of Southern California, Los Angeles, CA

11/08 Emory University, Atlanta, GA.

Tilson JK. Vestibular Rehabilitation for Every Physical Therapist or Vestibular Rehabilitation: Concepts to improve function and quality of life for persons with dizziness and disequilibrium. 16 contact hours.

3/11 Castle Medical Center, Kailua, HI.

9/10 University of Southern California, Los Angeles, CA.

5/10 California Chapter APTA, Northeast District, Sacramento, CA.

11/09 University of Southern California, Los Angeles, CA

Tilson JK. Vestibular Rehabilitation for Every Physical Therapist or Vestibular Rehabilitation: Concepts to improve function and quality of life for persons with dizziness and disequilibrium. 8 contact hours.

10/09 Casa Colina Centers for Rehabilitation, Pomona, CA

1/09 University of Southern California, Los Angeles, CA

5/08 Casa Colina Centers for Rehabilitation, Pomona, CA

10 faculty including **Tilson JK.** Vestibular Rehabilitation: A Competency Based Course. 32 contact hours.

2007, 2009 Emory University, Atlanta, GA

Tilson JK. Observational Gait Analysis and Current Evidence in the Treatment of Persons with Stroke. 8 contact hours.

6/04 Hawaii Chapter, American Physical Therapy Association, Honolulu, HI

6/03 Observational Gait Analysis. Care Resources Hawaii, Honolulu, HI

GRANTS & CONTRACTS:

Principal Investigator

2018-Present Title: Multi-Center Case Series Implementation of “Vestibular Rehabilitation for Peripheral Vestibular Hypofunction: An Evidence-Based Clinical Practice Guideline”

Investigators: **Julie K. Tilson**, University of Southern California (PI);
Elizabeth Dannenbaum, McGill University, Quebec, Canada
Linda J. D’Silva, Rockhurst University, Kansas City, MO
Lisa Farrell, Symmetry Alliance, Ft. Lauderdale

Sara MacDowell, Our Lady of the Lake Hearing and Balance Center, Baton Rouge, LA

Heidi Roth, Shirley Ryan Ability Lab, Chicago, IL

Karen Skop, James A. Haley Veteran's Hospital Tampa, FL

Funding: \$20,000; Organization: Academy of Neurologic Physical Therapy, American Physical Therapy Association, Implementation and Dissemination Grant

Co-Investigator

2019-Present Title: Identifying Personalized Targets for Improving Economy and Stability in People Post-Stroke

Investigators: James Finley, PI: University of Southern California

Stefan Schaal, Co-I: University of Southern California

Sara Mulroy, Co-I: Rancho Los Amigos National Rehabilitation Center

Julie K. Tilson, Co-I: University of Southern California

Todd Schroeder, Co-I: University of Southern California

John Rebula, Co-I: University of Michigan

Funding: \$1,599,021 (including direct and indirect costs for all four years); Agency: National Institutes of Health and National Institute of Child Health and Development, R01 Grant

2018-2019 Title: Validation and Prediction of a Novel Biomechanical Assessment of Fall Risk in People Post-Stroke

Investigators: James Finley, PI: University of Southern California

Natalia Sanchez (Co-I),

Sara Mulroy (Co-I),

Julie K. Tilson, Co-I: University of Southern California

Funding: \$40,000 total; Agency: Southern California Clinical and Translational Science Institute

2012-2014 Title: Curriculum Renewal for Evidence-Based Practice: Implementing a Blended Learning Approach in Medicine

Investigators: Dragan Ilic, PI: MONASH University, Australia

Elmer Villanueva, Co-I: MONASH University, Australia

Rusli Bin Nordin, Co-I: MONASH University, Malaysia

Julie K. Tilson, Co-I University of Southern California, USA

Paul Glasziou, Co-I Bond University, Australia

Funding: \$49,000 (AUD); Australian Awards for University Teaching: Office of Learning and Teaching, Australia

2009-2011 Title: Health Information Technology and HIV/AIDS Care
Investigators: Andrea Kovacs, PI: Keck School of Medicine at USC
Sarah Ingersoll, Co-I: Keck School of Medicine at USC
Mike Nichols, Co-I: USC School of Pharmacy
Julie K. Tilson, Co-I: USC Division of Biokinesiology and
Physical Therapy
Walter Wolf, CO-I: USC School of Pharmacy
Funding: \$17,000; USC Zumberge Fund

Clinical Research Coordinator

2005-2012 Title: LEAPS: Locomotor Experience Applied Post Stroke
Principal Investigators: Pam Duncan, PI: Duke University
Katherine Sullivan, co-PI: University of Southern
California
Andrea Behrman, co-PI: University of Florida
Clinical Research Coordinator: **Julie K. Tilson**
Funding: \$13,100,000; National Institutes of Health and National Institute of
Neurological Disorders and Stroke, R01 Grant

III. TEACHING ACTIVITIES

COURSES TAUGHT AND/OR DEVELOPED

Course Director or Co-Director:

PT 561c Evidence for Physical Therapist Practice (2 units), 2009*-present

PT 561b Evidence for Physical Therapist Practice (2 units), 2006-present

*Course number PT 642a in 2006-2007, PT 557 in 2008

Course Contributor:

PT 561e Evidence for Physical Therapist Practice, Health Systems (2 contact hours), 2020

PM 538 Introduction to Biomedical Informatics (2 contact hours), 2011

PT 561a Evidence for Physical Therapist Practice. (6 contact hours), 2009-16; (4 contact hours), 2008

PT 581L Clinical Management of Neurologic Dysfunction (8 contact hours), 2009-16; (4 contact hours) 2007-2017

PT 546: Neuropathology (1.5 contact hours), 2012; (3 contact hours), 2006-2012

PT 600b/e	Clinical Clerkships, Midterm evaluations (3-5 per clinical), 2006-2017 year round
PT 561c	Evidence for Physical Therapist Practice (8 contact hours), 2009
PT 534L	Neuroanatomy Laboratory (4-12 contact hours), 2005-2009
PT 624a	Differential Diagnosis (2-6 contact hours), 2008-2009
PT 642c	Evidence Based Practice (30 contact hours), 2008
PT 595	Clinical Residency in Neurologic Physical Therapy (20+ hours per semester), 2007-2008
PT 507	Professional Development (4 contact hours) 2007-2008
PT 631	Integrated Management of the Axial Skeleton System and Related Movement Disorders (4 contact hours) 2008

THESIS ADVISOR/THESIS COMMITTEE ACTIVITIES:

Thesis Examiner, Fall 2013: The University of New South Wales, School of Optometry & Vision Science

PhD Candidate: Taghreed Abdulrahman Alnahedh

Title: Evidence Based Practice in Optometry

Thesis Examiner, Fall 2012: Monash University, Victoria, Australia

PhD Candidate: Steven Ryan Maloney

Title: Teaching methods for enhancing and supporting clinical performance across the educational continuum: book to bedside and beyond

MENTORING ACTIVITIES:

Student Supervision in Research:

2012-2016	Bella Mody, Katie Marshall, Lyssa Cleary, Jodi Tam, Fei Jiang. Research projects associated with EBP in Physical Therapy
2011-2016	Katie Loeb, Sabrina Barbosa, Karin Lee. 'iPad in the Clinic' Pilot Project. DPT student extracurricular research project
2009-2010	Chandanpreet Kaur, MS Biokinesiology, Reliability of the Fugl-Meyer Assessment in a multi-site clinical trial
2008-2009	Cherisha Koradia, MS Biokinesiology, Meaningful changes in walking speed post-stroke

DIVERSITY, EQUITY, INCLUSION WORK:

2021	Participant, ACAPT Leadership Summit: Change Leadership: Leading for change, leading with change, and leading due to change as it relates to:
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- Diversity, respect, equity, and inclusion; Succession planning; Crisis management. (6 hour course, Atlanta, GA)
- 2021 Participant, 2U Equity + Social Justice Workshop in the Digital Learning Environment: Creating a Safe Space for Faculty to Build Their “Emotional Muscle” to Lead Classroom Conversations Around DEI (8-week course, online)
- 2020 Participant, Equity Now!: Increase individual knowledge and capacity, moving from personal reckonings through institutional frameworks, racial literacy, data for equity, and concrete action steps (4-week course, online)
- 2020 Established Diversity, Equity, and Inclusion Committee for APTA Academy of Research Physical Therapy as President