

CURRICULUM VITAE
James Gordon, PT, EdD, FAPTA
August, 2017

I. PERSONAL INFORMATION

Full name James Edward Gordon

Home Address 1708 South First Avenue
Arcadia, CA 91006
(626) 446-5153

University Address University of Southern California
1540 East Alcazar Street
Los Angeles, CA 90089-9006
(323) 442-1538
email: jamesgor@usc.edu

Education

Postgraduate

Center for Neurobiology & Behavior, Columbia University
New York, NY
Postdoctoral Fellowship (NRSA), Neuroscience, 1985-1987

Graduate

Teachers College, Columbia University
New York, NY
Ed.D., Movement Science, 1985

Teachers College, Columbia University
New York, NY
Ed.M., Movement Science, 1983

Teachers College, Columbia University
New York, NY
M.A., Movement Science, 1981

Undergraduate

SUNY, Downstate Medical Center
Brooklyn, NY
B.A., Physical Therapy, 1974

Academic Appointments & Administrative Positions

2009 – present Professor, Associate Dean and Chair, Division of Biokinesiology and Physical Therapy at the School of Dentistry, University of Southern California, Los Angeles, CA.

2006 – 2009 Associate Professor, Associate Dean and Chair, Division of Biokinesiology and Physical Therapy at the School of Dentistry, University of Southern California, Los Angeles, CA.

2000 – 2006 Associate Professor and Chair, Department of Biokinesiology and Physical Therapy, University of Southern California, Los Angeles, CA.

1995 – 2000 Professor of Practice and Program Director, Program in Physical Therapy, Graduate School of Health Sciences, New York Medical College, Valhalla, NY.

- 1990 – 1994 Assistant Professor, Program in Physical Therapy, College of Physicians and Surgeons, Columbia University, New York, NY.
- 1987 – 1995 Research Scientist, Center for Neurobiology & Behavior, College of Physicians and Surgeons, Columbia University, and NYS Psychiatric Institute.
- 1985 – 1987 Post-doctoral Fellow, Center for Neurobiology & Behavior, College of Physicians and Surgeons, Columbia University.

Other Previous Employment

- 2001 Lecturer, Department of Physical Therapy, Loma Linda University, Loma Linda, CA.
- 1997 – 2000 Lecturer, Neuroanatomy courses, Program in Physical Therapy, SUNY - Downstate Medical Center, Brooklyn, NY.
- 1996 – 2000 Lecturer, Neuroanatomy course, College of Medicine, New York Medical College, Valhalla, NY.
- 1999 Lecturer, Neuroanatomy courses, School of Medicine, SUNY - Downstate Medical Center, Brooklyn, NY.
- 1995 – 1996 Adjunct Assistant Professor of Physical Therapy, Program in Physical Therapy, College of Physicians and Surgeons, Columbia University.
- 1989 – 1996 Lecturer, Postgraduate Review Course in Neuroanatomy, Neurophysiology & Neuropharmacology, College of Physicians and Surgeons, Columbia University.
- 1993 – 1996 Visiting Lecturer, Department of Physical Therapy, Beaver College, Glenside, PA.
- 1992 Physical Therapy Consultant, Rainbow School, Bronx, NY.
- 1984 – 1996 Lecturer, Neural Science Course, College of Physicians and Surgeons, Columbia University.
- 1991 Visiting Lecturer, Department of Physical Therapy, University of Vermont, Burlington, VT
- 1989 Assistant Clinical Professor of Physical Therapy, College of Physicians and Surgeons, Columbia University.
- 1981 – 1989 Lecturer, Program in Physical Therapy, Downstate Medical Center, Brooklyn, NY.
- 1986 – 1988 Adjunct Assistant Professor, Teachers College, Columbia University.
- 1986 – 1988 Student advisement and research consultant, Program in Physical Therapy, College of Physicians and Surgeons, Columbia University.
- 1988 Lecturer, Pediatric/Developmental Disabilities Graduate Course, Programs of Physical and Occupational Therapy and Motor Development, University of Pittsburgh, Pittsburgh, PA.
- 1985 – 1986 Adjunct Associate Professor, Program in Physical Therapy, Long Island University, Brooklyn, NY.
- 1983 – 1985 Staff Associate, Center for Neurobiology & Behavior, College of Physicians and Surgeons, Columbia University.
- 1983 – 1986 Instructor, Program in Motor Learning, Teachers College, Columbia University.
- 1980 – 1982 Home Care Physical Therapist, Little Sisters of the Assumption Family Health Service, New York, NY.
- 1980 – 1983 Coordinator, Master Degree Program in Motor Learning, Teachers College, Columbia University.
- 1978 – 1980 Senior Physical Therapist, Maimonides Medical Center Home Health Agency, Brooklyn, NY.
- 1976 – 1978 Clinical Instructor, Program in Physical Therapy, Downstate Medical Center, Brooklyn, NY.
- 1974 – 1978 Staff and Senior Physical Therapist, Kings County Hospital, Brooklyn, NY.

Honors and Awards

May, 2015	Commencement Address, College of Health Related Professions and College of Nursing Commencement Ceremony, SUNY, Health Science Center at Brooklyn
May, 2015	Honorary Degree (Doctor of Science) from SUNY, Health Science Center at Brooklyn
June, 2014	Mary McMillan Lecture Award, American Physical Therapy Association
April, 2014	Distinguished Alumni Award, Teachers College, Columbia University, New York, NY
April, 2014	Commencement Address, Doctor of Physical Therapy Commencement Ceremony, Northwestern University School of Medicine
May, 2011	Commencement Address, Doctor of Physical Therapy Diploma Ceremony, Emory University School of Medicine
February, 2011	Pauline Cerasoli Lecturer, Education Section, American Physical Therapy Association
March, 2005	Elected, Catherine Worthingham Fellow of the American Physical Therapy Association (FAPTA)
February, 2005	Distinguished Lecturer, Carolee Moncur Lectureship 2005, Division of Physical Therapy, University of Utah
June, 2002	Leadership in Education Award, Education Section, American Physical Therapy Association.
October, 2001	Distinguished Lecturer, Luiese Lynch Lecture, Department of Rehabilitation Science, University of Oklahoma, Oklahoma City.
October, 2001	Distinguished Lecturer, Maureen Rodgers Visions for Physical Therapy Lecture, Rancho Los Amigos National Rehabilitation Center, Downey, CA.
June, 1993	Margaret L. Moore Award for Outstanding New Faculty Member, American Physical Therapy Association
January, 1988	Distinguished Alumni Award, SUNY, Downstate Medical Center, Brooklyn, NY.
May, 1974	<i>Summa Cum Laude</i> , Award granted with Bachelor of Arts, SUNY, Downstate Medical Center, Brooklyn, NY.

Professional Membership

Society for Neuroscience
 American Physical Therapy Association
 Research Section
 Neurology Section
 Education Section
 California Chapter

Licensure

Physical Therapy NY 004080

II. SCHOLARLY ACTIVITY**Current Grant Support**

2012 - 2017	Co-Principal Investigator, “Rehabilitation Research Career Development Program” NIH K12 (PI:K. Ottenbacher).
2011 - 2016	Co-Principal Investigator, “Post-doctoral Training program: Training Program in Rehabilitation Efficacy and Effectiveness Trials (TREET)” NIH T32 (PI: F. Clark).

Previous Grant Support

2004 – 2007	Co-principal investigator (10% effort), “A Simulation Study of a Multi-Joint Alpha-Gamma Model for Trajectory and End-Point Control in Human Reaching Movements,” NSF IOB - 0352117 (\$240,000 over 2 years)
2003 – 2006	Principal investigator (10% effort), “Effects of Body-Weight-Supported Treadmill Training in Individuals with Parkinson’s Disease,” Kinetics Foundation (\$400,000 over 2 years)
2003 – 2006	Co-principal investigator (10% effort), “PTClinResNet – A Clinical Research Network to Evaluate the Efficacy of Physical Therapist Practice,” Foundation for Physical Therapy (\$1.5 million over 3 years)
2002 – 2003	Coordinator of Clinical Core (5% effort), “BION Treatment of Neuromuscular Dysfunction,” NIH Grant (Bioengineering Research Partnership R01)
1993 – 1995	Co-principal investigator (50% effort), “Trajectory Specification in Targeted Movement”, NIH Grant (R01)
1984 – 1993	Co-investigator (100% effort), “Trajectory Specification in Targeted Movement”, NIH Grant (R01)

Patents

1. Schweighofer N, Choi YG, Han C, Gordon, J, Winstein CJ, Osu R (2009) Upper Limb Measurement and Rehabilitation Method and System. US Patent App. 12/619,534.

Publications in Peer-Reviewed Journals

See Google Scholar profile at <http://scholar.google.com/citations?user=D-tKr3IAAAAJ>

See ResearcherID profile at <http://www.researcherid.com/libproxy2.usc.edu/rid/B-4475-2008>

1. Smith, J.A., Gordon, J., & Kulig, K. (2017) The influence of divided attention on walking turns: Effects on gait control in young adults with and without a history of low back pain, *Gait & Posture*, 58, 498-503. <https://doi.org/10.1016/j.gaitpost.2017.09.019>.
2. Wang, C., Xiao, Y., Burdet, E., Gordon, J., & Schweighofer, N. (2016). The duration of reaching movement is longer than predicted by minimum variance. *Journal of Neurophysiology*, 116(5), 2342–2345. <http://doi.org/10.1152/jn.00148.2016>
3. Lee, Y.-Y., Winstein, C. J., Gordon, J., Petzinger, G. M., Zelinski, E. M., & Fisher, B. E. (2016). Context-Dependent Learning in People With Parkinson’s Disease. *Journal of Motor Behavior*, 48(3), 240–248. <http://doi.org/10.1080/00222895.2015.1082964>
4. Park, H., Kim, S., Winstein, C. J., Gordon, J., & Schweighofer, N. (2016). Short-Duration and Intensive Training Improves Long-Term Reaching Performance in Individuals With Chronic Stroke. *Neurorehabilitation and Neural Repair*, 30(6), 551–561. <http://doi.org/10.1177/1545968315606990>
5. Schweighofer N, Xiao Y, Kim S, Yoshioka T, Gordon J, Osu R. (2015) Effort, Success, and Non-use Determine Arm Choice. *Journal of Neurophysiology*, 114(1):551-559, doi: 10.1152/jn.00593.2014
6. Sorenson SC, Romano R, Scholefield RM, Martin BE, Gordon JE, Azen SP, Schroeder ET, Salem GJ. (2014) Holistic Life-Span Health Outcomes among Elite Intercollegiate Student-Athletes. *J Athl Train*. 49 (5), 684-695. doi:10.4085/1062-6050-49.3.18.
7. Stewart JC, Gordon J, Winstein CJ. (2014) Control of reach extent with the paretic and nonparetic arms after unilateral sensorimotor stroke II: planning and adjustments to control

- movement distance. *Experimental brain research*. 232(11):3431-3443. doi: 10.1007/s00221-014-4025-7
8. Stewart JC, Gordon J, Winstein CJ. (2014) Control of reach extent with the paretic and nonparetic arms after unilateral sensorimotor stroke: kinematic differences based on side of brain damage. *Experimental Brain Research*. 232(7):2407–19. doi:10.1007/s00221-014-3938-5.
 9. Goh, H.-T., Gordon, J., Sullivan, K. J., & Winstein, C. J. (2014) Evaluation of Attentional Demands During Motor Learning: Validity of a Dual-Task Probe Paradigm, *Journal of Motor Behavior*, 46:2, 95-105, DOI: 10.1080/00222895.2013.868337
 10. Stewart, J. C., Gordon, J., & Winstein, C. J. (2013). Planning and adjustments for the control of reach extent in a virtual environment. *Journal of Neuroengineering and Rehabilitation*, 10(1), 27. doi:10.1186/1743-0003-10-27
 11. Goh, H.-T., Sullivan, K. J., Gordon, J., Wulf, G., & Winstein, C. J. (2012). Dual-task practice enhances motor learning: a preliminary investigation. *Experimental Brain Research*. doi:10.1007/s00221-012-3206-5
 12. Schweighofer, N., Choi, Y., Winstein, C., and Gordon J. (2012) Task-based rehabilitation robotics. Special issue on Rehabilitation Robotics, *American Journal of Physical Medicine & Rehabilitation*. 91 (11), S270-S279.
 13. Choi Y, Gordon J, Park , Schweighofer N. (2011) Feasibility of the adaptive and automatic presentation of tasks (ADAPT) system for rehabilitation of upper extremity function poststroke. *Journal of NeuroEngineering and Rehabilitation*, 8:42-59.
 14. Mulroy SJ, Thompson L, Kemp B, Hatchett P, Newsam CJ, Lupold D, Haubert L, Eberly V, Ge T-T, Azen SP, Winstein CJ, Gordon J; for the Physical Therapy Clinical Research Network (PTClinResNet). (2011) Strengthening and Optimal Movements for Painful Shoulders (STOMPS) in chronic spinal cord injury: a randomized controlled trial. *Physical Therapy*, 91:305–324.
 15. Kulig, K, Beneck GJ, Selkowitz DM, Popovich JM, Ge TT, Flanagan, SP, Poppert EM, Yamada K, Powers C, Azen S, Winstein C, Gordon J, Samudrala SS, Chen TC, Shamie AN, Khoo LT, Spoonamore MJ, Wang JC & Physical Therapy Clinical Research Network. (2009) An Intensive, Progressive Exercise Program Reduces Disability and Improves Functional Performance in Patients After Single-Level Lumbar Microdiscectomy. *Physical Therapy*, 89:1145-1157.
 16. Tretriluxana J, Gordon J, Fisher BE, and, Winstein CJ., (2009) Hemisphere Specific Impairments in Reach-to-Grasp Control after Stroke: Effects of Object Size. *Neurorehabilitation and Neural Repair*, 23:679-691.
 17. Song J, Fisher BE, Petzinger G, Wu A, Gordon J, Salem GJ (2009) The Relationships Between the Unified Parkinson's Disease Rating Scale and Lower Extremity Functional Performance in Persons With Early-Stage Parkinson's Disease. *Neurorehabilitation and Neural Repair*, 23:657-661.
 18. Choi Y, Gordon J, Kim, D, Schweighofer N. (2009) An Adaptive Automated Robotic Task-Practice System for Rehabilitation of Arm Functions After Stroke. *IEEE Transactions on Robotics*, 25:556-568.
 19. Fisher BE, Wu DA, Salem GJ, Song JE, Lin C-H, Yip J, Cen S, Gordon J, Jackowec M, Petzinger GM. (2008) The effect of exercise training in improving motor performance and corticomotor excitability in individuals with early Parkinson's disease. *Archives of Physical Medicine and Rehabilitation*, 89:1221-1229.
 20. Winstein C, Pate P, Ge T, Ervin C, Baurley J, Sullivan KJ, Underwood SJ, Fowler EG, Mulroy S, Brown DA, Kulig K, Gordon J, Azen SP & Physical Therapy Clinical Research Network.

- (2008) The Physical Therapy Clinical Research Network (PTClinResNet): Methods, efficacy and benefits of a rehabilitation research network. *American Journal of Physical Medicine & Rehabilitation* 87:937-950.
21. Tretriluxana J, Gordon J, Winstein CJ. (2008) Manual asymmetries in grasp pre-shaping and transport-grasp coordination. *Experimental Brain Research*, 188:305-315.
 22. Choi Y, Gordon J, Schweighofer N (2008) ADAPT - Adaptive automated robotic task practice system for stroke rehabilitation. *2008 IEEE International Conference on Robotics and Automation*, Vols 1-9, pp. 2471-2476
 23. Lin C-H, Fisher, BE, Wu AD, Winstein CJ, Gordon J. (2008) Contextual interference effect: elaborative-processing or forgetting-reconstruction? A post-hoc analysis of TMS-induced effects on motor learning. *Journal of Motor Behavior*, 40:578-586.
 24. Choi Y, Qi F, Gordon J, Schweighofer N. (2008) Performance-based adaptive schedules enhance motor learning. *Journal of Motor Behavior*, 40: 273-280.
 25. Stewart, J.C.; Gordon, J.; Winstein, C.J., (2008) Use of a virtual environment to investigate planning of unconstrained reach actions after stroke: A feasibility study," *Virtual Rehabilitation 2008* , pp.13-21.
 26. Lan N, Song D, Loeb GE, Gordon J. (2008) Model-based sensorimotor integration for multi-joint control: Development of a virtual arm model. *Annals of Biomedical Engineering* 36: 1033-1048.
 27. Gordon, J. & Quinn, L. (1999) Guide to Physical Therapist Practice: A Critical Appraisal, *Neurology Report*, 23(3): 122-128.
 28. Ghez, C., Favilla, M., Ghilardi, M.F., Gordon, J., Bermejo, R., Pullman, S. (1997) Discrete and continuous planning of hand kinetics and kinematics. *Experimental Brain Research*, 115, 217-233.
 29. Pine, Z.M., Krakauer, J.W., Gordon, J., & Ghez, C. (1996) Learning of scaling factors and reference axes for reaching movements. *NeuroReport*, 7, 2357-2361.
 30. Ghilardi, M. F. , Gordon, J., & Ghez, C. (1995). Learning a visuomotor transformation in a local area of workspace produces directional biases in other areas. *Journal of Neurophysiology*, 73, 2535-2539.
 31. Gordon, J., Ghilardi, M. F., & Ghez, C. (1995). Impairments of reaching movements in patients without proprioception. I. Spatial errors. *Journal of Neurophysiology*, 73, 347-360.
 32. Ghez, C., Gordon, J., & Ghilardi, M. F. (1995). Impairments of reaching movements in patients without proprioception II. Effects of visual information on accuracy. *Journal of Neurophysiology*, 73, 361-372.
 33. Ghez, C., Gordon, J., Ghilardi, M. F., & Sainburg, R. (1995). Contributions of vision and proprioception to accuracy in limb movements. In M. S. Gazzaniga (Ed.), *The Cognitive Neurosciences*, (pp. 549-564). Cambridge, MA: MIT Press.
 34. Gordon, J., Ghilardi, M. F., & Ghez, C. (1994). Accuracy of planar reaching movements. I. Independence of direction and extent variability. *Experimental Brain Research*, 99, 97-111
 35. Gordon, J., Ghilardi, M. F., Cooper, S. E., & Ghez, C. (1994). Accuracy of planar reaching movements. II. Systematic extent errors resulting from inertial anisotropy. *Experimental Brain Research*, 99, 112-130
 36. Ghez, C., Gordon, J., & Ghilardi, M. F. (1993). Programming of extent and direction in human reaching movements. *Biomedical Research*, 14(Suppl. 1), 1-5.

37. Gordon, J., & Ghez, C. (1992). Roles of proprioceptive input in control of reaching movements. In H. Forssberg & H. Hirschfeld (Eds.), *Children with Movement Disorders (Medicine and Sport Science, Vol. 36)* (pp. 124-129). Basel: Karger.
38. Gordon, J., Ghilardi, M. F., & Ghez, C. (1992). Parallel processing of direction and extent in reaching movements. *Engineering in Medicine and Biology*, 11(4), 92-93.
39. Ghez, C., Hening, W., & Gordon, J. (1991). Organization of voluntary movement. *Current Opinion in Neurobiology*, 1, 664-671.
40. Favilla, M., Gordon, J., Hening, W. and Ghez, C. (1990) Trajectory control in targeted force impulses. VII. Independent setting of amplitude and direction in response preparation. *Experimental Brain Research*, 79, 530-538.
41. Ghez, C., Gordon, J., Ghilardi, M. F., Christakos, C. N., & Cooper, S. E. (1990). Roles of proprioceptive input in the programming of arm trajectories. *Cold Spring Harbor Symposia on Quantitative Biology*, 55, 837-847.
42. Ghez, C., Gordon, J. and Hening, W. (1988). Trajectory control in dystonia. In S. Fahn et al. (Eds.) *Advances in Neurology*, Vol. 50: Dystonia 2, pp. 141-155. Raven Press, New York.
43. Ghez, C. and Gordon, J. (1987) Trajectory control in targeted force impulses. I. Roles of opposing muscles. *Experimental Brain Research*, 67, 225-240.
44. Gordon, J. and Ghez, C. (1987) Trajectory control in targeted force impulses. II. Pulse height control. *Experimental Brain Research*, 67, 241-252.
45. Gordon, J. and Ghez, C. (1987) Trajectory control in targeted force impulses. III. Compensatory adjustments for initial errors. *Experimental Brain Research*, 67, 253-269.
46. Gordon, J., Hening, W. and Ghez, C. (1986) Abnormalities of trajectory control in Dystonia. *Neurology*, 36 (4): 183-183 Suppl. 1.
47. Held, J.M., Gordon, J. and Gentile, A.M., (1985). Environmental influences on locomotor recovery following cortical lesions in rats. *Behavioral Neuroscience*, 99: 678-690.
48. Gordon, J. and Ghez, C. (1984). EMG patterns in antagonist muscles during isometric contractions in man: Relations to response dynamics. *Experimental Brain Research*, 55: 167-171.

Published Books

1. Quinn, L. & Gordon, J. (2016) *Documentation for Rehabilitation: A Guide to Clinical Decision Making in Physical Therapy (3rd Edition)*. Elsevier Health Sciences.
2. Davenport TE, Kulig K, Sebelki CA, Gordon JG, Watts HG (eds.) (2012) *Diagnosis in Physical Therapy: A Symptom-Based Approach*. F.A. Davis: Philadelphia, PA, USA.
3. Quinn, L. & Gordon, J. (2010) *Documentation for Rehabilitation: A Guide to Clinical Decision Making (2nd Edition)*. Elsevier Health Sciences.
4. Quinn, L. & Gordon, J. (2003) *Functional Outcomes Documentation for Rehabilitation*. Saunders, Philadelphia.
5. Calabrese, R. Gordon, J., Hawkins, R., Qian, N. (1995). *Essentials of Neural Science and Behavior: Study Guide & Practice Problems*. Norwalk, CT: Appleton & Lange.

Book Chapters & Monographs

1. Pearson, K & Gordon, J. (2013). Spinal Reflexes. In E.R. Kandel, J.H. Schwartz, T.M. Jessell S.A. Siegelbaum, & A.J. Hudspeth (Eds.), *Principles of Neural Science*, 5th edition. (pp. 790-811). New York: McGraw-Hill.

2. Pearson, K & Gordon, J. (2013). Locomotion. In E.R. Kandel, J.H. Schwartz, T.M. Jessell S.A. Siegelbaum, & A.J. Hudspeth (Eds.), *Principles of Neural Science*, 5th edition. (pp. 812-834). New York: McGraw-Hill.
3. Gordon J, & Watts HG (2012). Why Should Physical Therapists Know About Diagnosis? In: Davenport TE, Kulig K, Sebelki CA, Gordon JG, Watts HG (eds.) *Diagnosis in Physical Therapy: A Symptom-Based Approach*. F.A. Davis: Philadelphia, PA, USA
4. D. Song, N. Lan and J. Gordon, Biomechanical constraints on equilibrium point control of the multi-joint arm, A simulation study, *ASB 2007 Conference*, Stanford Univ., CA 2007.
5. Lan, N., D. Song, M. Mileusnic, and J. Gordon (2005) Modeling spinal sensorimotor control for reach task. *Proceedings of the 2005 IEEE Engineering in Medicine and Biology 27th Annual Conference*, Shanghai, China, September 1-4, 2005., PP. 4404-4407
6. Gordon, J. (2001). Receptors in muscle and their role in motor control. In E. G. Gonzalez, S. J. Myers, J. E. Edelstein, J. S. Lieberman, & J. A. Downey (Eds.), *Downey & Darling's Physiological Basis of Rehabilitation Medicine (3rd Ed.)* (pp. 81-100). Boston: Butterworth-Heinemann.
7. Gordon, J. (2000). Assumptions underlying physical therapy intervention: Theoretical and historical perspectives. In J.H. Carr & R.B. Shepherd (Eds.) *Movement science: Foundations for physical therapy in rehabilitation*, 2nd edition. (pp. 1-31). Aspen Publishers, Rockville, MD.
8. Pearson, K & Gordon, J. (2000). Spinal Reflexes. In E. R. Kandel, J. H. Schwartz, & T. M. Jessell (Eds.), *Principles of Neural Science*, 4th edition. (pp. 713-736). New York: McGraw-Hill.
9. Pearson, K & Gordon, J. (2000). Locomotion. In E. R. Kandel, J. H. Schwartz, & T. M. Jessell (Eds.), *Principles of Neural Science*, 4th edition. (pp. 737-755). New York: McGraw-Hill.
10. Ghez, C., & Gordon, J. (1995). Section VII: Action. In E. R. Kandel, J. H. Schwartz, & T. M. Jessell (Eds.), *Essentials of Neural Science and Behavior*, (3rd ed., pp. 485-550). Norwalk, CT: Appleton & Lange.
11. Gordon, J. (1994). Receptors in muscle and their role in motor control. In J. A. Downey, S. J. Myers, E. G. Gonzalez, & J. S. Lieberman (Eds.), *The Physiological Basis of Rehabilitation Medicine (2nd Ed.)* (pp. 103-125). Boston: Butterworth-Heinemann.
12. Gordon, J. (1991). Spinal mechanisms of motor coordination. In E. R. Kandel, J. H. Schwartz, & T. M. Jessell (Eds.), *Principles of Neural Science*, 3rd edition (pp. 581-595). New York: Elsevier.
13. Gordon, J., & Ghez, C. (1991). Muscle receptors and spinal reflexes: The stretch reflex. In E. R. Kandel, J. H. Schwartz, & T. M. Jessell (Eds.), *Principles of Neural Science*, 3rd edition (pp. 564-580). New York: Elsevier.
14. Gordon, J. (1990). Disorders of motor control. In L. Ada & C. Canning (Eds.), *Key Issues in Neurological Physiotherapy* (pp. 25-50). London: Heinemann.
15. Gordon, J. (1987). Assumptions underlying physical therapy intervention: Theoretical and historical perspectives. In J.H. Carr & R.B. Shepherd (Eds.) *Movement science: Foundations for physical therapy in rehabilitation*. Aspen Publishers, Rockville, MD.
16. Gordon, J. (1985). Mechanisms contributing to accuracy in aimed force impulses of human subjects. Doctoral dissertation. Columbia University, Teachers College.

Non-Peer Reviewed Articles, Invited Commentaries and Editorials

1. Gordon, J. (2014). 45th Mary McMillan Lecture: If Greatness Is a Goal.... *Physical Therapy*, 94(10), 1518–1530. doi:10.2522/ptj.2014.mcmillan.lecture

2. Gordon J (2014) Response to Letter to Editor. *Journal of Physical Therapy Education*, 28(3):135.
3. Gordon J (2014) Wanted: Effective Academic Leadership: Invited Commentary on Commentary on “Leadership Retention in Physical Therapy Education Programs” by Hinman, Peel, and Price. *Journal of Physical Therapy Education*, 28(1):45-47.
4. Gordon J (2011) Excellence in Academic Physical Therapy: What Is It and How Do We Get There? (Pauline Cerasoli Lecture) *Journal of Physical Therapy Education*, 25(3):8-13.
5. Gordon J. Making the Right Diagnostic Decision: A Position Paper on Critical Definitions and Issues Related to Diagnosis by Physical Therapists. *Diagnosis Dialog I Conference*. Washington University, St. Louis, June 2006.
6. Deutsch, J.E., Nicholson, D.E., Shumway-Cook, A., Brown, D.A. & Gordon, J. (2000). Updating Neurologic Curriculum Using a Peer Review Process, *Neurology Report*, 24(3): 101-110.
7. Gordon, J. & Quinn, L. (2000) Reply to Letter by Guccione, *Neurology Report*, 24(1): 30-32.
8. Gordon, J. (1994). Invited Commentary (Current Status of the Motor Program by Morris, M.E. et al). *Physical Therapy*, 74, 748-751.
9. Gordon, J., Ghilardi, M. F., & Ghez, C. (1992). In reaching, the task is to move the hand to a target. *Behavioral and Brain Sciences*, 15, 337-339.
10. Ghez, C. and Gordon, J. (1989). Strategies are a means to an end. *Behavioral and Brain Sciences*, 12, 216-218.

Published Abstracts

1. Tilson JK, Gordon J, Andersen M, Dominguez JF, Havens KL, Hershberg J, Kirages DJ, Landel R, Robertson E, Simpson MS, Stevenson J (2018). 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, Feb 24, 2018, New Orleans, LA
2. Rowley KM, Gordon J, and Kulig K. (2017) Associations between task performance and trunk coupling during a balance-dexterity task. International Society of Posture and Gait Research, Fort Lauderdale, FL, USA
3. Yani, MS, Gordon J, Eckel SP, Kirages DJ, Asavasopon S, Kutch JJ (2016) Cortical activation associated with automatic control of pelvic floor muscles in women. Program No. 437.15 2016 Neuroscience Meeting Planner. Washington DC: Society for Neuroscience. Online
4. Park H, Wang C, Winstein C, Gordon J, Schweighofer N (2014) Adaptive reach training induces motor learning in post-stroke and young healthy individuals. Program No. 164.14. 2014 Neuroscience Meeting Planner. Washington DC: Society for Neuroscience. Online.
5. Schweighofer, N., Park, H., and Gordon J. (2014) Motor learning and increased effort induced by adaptive reach training, Neural Control of Movement Annual Meeting, Amsterdam
6. Lee, Y. Y., Winstein, C. J., Gordon, J., Petzinger, G., Zelinski, E., & Fisher, B. E. (2013, June). The role of the dorsolateral prefrontal cortex in context-dependent learning. In *Journal of Sport & Exercise Psychology* (Vol. 35, pp. S36-S36).
7. Xiao, Y.; Yoshioka, T.; Gordon, J.; Osu, R.; Schweighofer, N. (2013) Arm choice in fast horizontal movements depends on effort, accuracy or success rate? 2013 Neuroscience Meeting Planner. New Orleans, LA: Society for Neuroscience, 2013. Online.
8. Wang C, Xiao Y, Schweighofer N, Gordon J. (2012) Estimated multi-source execution noise predicts U shape relationship between spatial variability and duration of reaching movements without visual feedback. Program No. 88.20. 2012 Neuroscience Meeting Planner. New Orleans, LA: Society for Neuroscience, 2012. Online.

9. Smith JA, Gordon J, Kulig K (2012) Inter-segmental coordination variability during locomotion – Do different analytical approaches tell the same story? Proceedings of the Annual Meeting of the American Society of Biomechanics (August 2012).
10. Lee, Y. Y., Winstein, C. J., Giselle, P., Gordon, J., Zelinski, E., & Fisher, B. E. (2012, June). Context-dependent learning in people with Parkinson's disease. In *Journal of Sport & Exercise Psychology* (Vol. 34, pp. S102-S103).
11. Xiao Y, Gordon, J., Han, C, and Schweighofer N (2011). Optimal movement duration in reaching without visual feedback. Neural Control of Movement Meeting, San Juan, Puerto Rico, April 2011
12. Goh H-T, K. J. Sullivan KJ, Gordon J, Winstein CJ (2010) Process-specific dual-task interference enhances motor learning. Program No. 395.9. 2010 Neuroscience Meeting Planner. San Diego: Society for Neuroscience, 2010. Online
13. Xiao Y, Han CE, Gordon J, N Schweighofer (2010) Multi-source execution noise predicts optimal movement duration in reaching movements without visual feedback. Program No. 493.12. 2010 Neuroscience Meeting Planner. San Diego: Society for Neuroscience, 2010. Online
14. Goh H-T. Winstein C.J., Gordon J., Sullivan K.J. (2010) Poster: Use of a dual-task probe paradigm during skill acquisition influences learning of the primary task. APTA Combined Sections Meeting, Feb 19, 2010, San Diego, CA.
15. Stewart JC, Gordon J, Winstein CJ. Poster: Is the scaling of reach kinematics to 3-D virtual targets preserved after stroke? APTA Combined Sections Meeting, Feb 19, 2010, San Diego, CA.
16. Goh H-T, K. J. Sullivan KJ, Gordon J, Wulf, G, Winstein CJ (2010, June). The beneficial effect of a probe task on motor learning depends on the type and the temporal locus of the probe task. In *Journal of Sport & Exercise Psychology* (Vol. 32, pp. S81).
17. Stewart JC, Gordon J, Winstein CJ (2009) Initial plan and compensatory adjustments of unconstrained reach actions after sensorimotor stroke, Program No. 568.13. 2009 Neuroscience Meeting Planner. Chicago, IL: Society for Neuroscience, 2009. Online.
18. Park H, Choi Y, Gordon J, Schweighofer N (2009) Feasibility of the Adaptive and Automatic Presentation of Tasks system (ADAPT) with patient with stroke, Program No. 769.5. 2009 Neuroscience Meeting Planner. Chicago, IL: Society for Neuroscience, 2009. Online.
19. Goh H-T, Gordon J, Winstein CJ, Sullivan K (2009) Development of automaticity in a rapid discrete arm movement is associated with increased movement smoothness, Program No. 872.5. 2009 Neuroscience Meeting Planner. Chicago, IL: Society for Neuroscience, 2009. Online.
20. Yip, J.O., Schroeder, E.T., Gordon, J., Wilkinson, B.J., Fisher B.E.(2009) The Metabolic Cost of Body Weight-Supported Treadmill Training; Aug 11, 2009 at the APTA Section on Research Retreat, Asilomar Conference Grounds, Pacific Grove Ca.
21. Stewart J, Gordon J, Winstein C. (2009) Poster #1157: Anticipatory scaling of reach kinematics to 3-D virtual targets”. APTA Combined Sections Meeting, Las Vegas, NV, Feb 2009
22. Stewart JC, Gordon J, Winstein CJ (2008) Initial plan and early adjustments of unconstrained reach actions to 3-D virtual targets. Poster presentation, Program No. 861.24 2008 Abstract Viewer/Itinerary Planner. Washington DC: Society for Neuroscience.
23. Song, J-E, Fisher, B., Wu, Gordon, J., and Salem, G. (2008) Modulating walking speed in persons with early stage Parkinson’s disease. Southern California Conference on Biomechanics, April, 2008.
24. Tretriluxana J, Goh HT, Winstein CJ, Gordon J. (2008) Is the right hemisphere specialized for rapid adaptation of trajectory and transport-grasp coordination?, Poster presentation, Program No. 82.6 2007 Abstract Viewer/Itinerary Planner. San Diego: Society for Neuroscience 2007.

25. Tretriluxana J; C.J. Winstein; J. Gordon (2007) Right hemisphere specialization for transport-grasp coordination: Insight from a stroke model. *Journal of Sport & Exercise Psychology*, 29, S136.
26. Song, J., Petzinger, G. M, Fisher, B., Gordon, J., Salem, G. J.(2007) The influence of walking speed on lower extremity joint torque asymmetry in persons with early Parkinson's disease. *Movement Disorders*, 22(Suppl 16):599.
27. Lin C-H, Wu AD, Gordon J, Winstein CJ: Skill development of rapid sequential arm movements: What is the contribution of spatial and temporal parameter learning? Program# 506.14. Platform presentation at Society for Neuroscience, 2006 (Georgia Atlanta, USA).
28. Tretriluxana J, Winstein CJ, Gordon J. Hemisphere-specific impairments in grasp pre-shaping and transport-grasp coordination: Effect of object size, Poster presentation, Program No. 147.20 2006 Abstract Viewer/Itinerary Planner. Atlanta: Society for Neuroscience Society for Neuroscience 2006.
29. Song, D., Lan, N. and Gordon, J, Simulated hand variability during multi-joint arm posture control, Abstract of Ann. Meeting of Neuroscience 2006, Atlanta, GA, Oct. 14-18, 2006.
30. Tretriluxana J, Winstein CJ, Gordon J. Aperture scaling to object size during reach-to-grasp with the ipsilesional arm following unilateral brain damage: double dissociation in each cerebral hemisphere. *Journal of Sport & Exercise Psychology* 28, S183-S184.
31. Lan, N., Song D. and Gordon, J., Systems engineering approach to computational sensorimotor control, XXVIII^e International Symposium on Computational Neuroscience, Montreal, Canada, 8-9 May 2006.
32. Song, D., Mileusnic, M., Lan, N. and Gordon, J., A Sensorimotor Systems Model for Dynamic Simulation of Arm Movement Control, Proc 16th Ann Meeting of Neural Control of Movements, Key Biscayne, FL, May 2006.
33. Song, J., Fisher, B., Wu, A., Gordon, J. and Salem, G. Influence of movement speed on gait mechanics in patients with early Parkinson's disease. *Medicine and Science in Sports and Exercise*, 38:5, 2006. Presented at National Meeting of American College of Sports Medicine, Denver, CO, May, 2006.
34. Tretriluxana J; C.J. Winstein; J. Gordon (2005) Reach-To-Grasp Coordination: Hemispheric Asymmetry Program No. 867.22. *2005 Abstract Viewer/Itinerary Planner*. Washington, DC: Society for Neuroscience
35. Lan N., Baker L., Tretriluxana J., and Gordon J. (2005) Transient Perturbation during Reaching Movements: Evidence of Separate Control for Movement Trajectory and Final Posture. *Neural Control of Movement Meeting*, Key Biscayne, Florida.
36. Fisher B.E., J. Song, J. Yip, G. Salem, and J. Gordon. (2005) Treadmill training improves gait biomechanical parameters in patients with Parkinson's disease. III STEP Summer Institute on Translating Evidence into Practice: Linking Movement Science and Intervention. Salt Lake City, Utah
37. Song J-E., A. Wu, B. Fisher, J. Gordon, and G. Salem. (2005) The relations between the Unified Parkinson's Disease Rating Scale score and self-selected and fast walking speeds in patients with early-stage Parkinson's disease. *International Society for Postural and Gait Research (ISPGR)*. Marseille France.
38. Song J-E., Fisher B., Wu A., Lee S., Gordon J., and Salem G. (2005) Influence of movement speed on gait characteristics in patients with Parkinson's disease. Presented at Southern California Conference on Biomechanics, Long Beach, California.

39. Song D., Lan N., and Gordon J. Development of an Upper Arm Biomechanical Model for Dynamic Simulation of Multi-Joint Reaching Movement. (2005) Presented at Southern California Conference on Biomechanics, Long Beach, California.
40. J. Tretriluxana; C.J. Winstein; J. Gordon (2003) Hand Posture Selection and Temporal Control of a Complex Prehension Task After Unilateral Stroke. Soc Neurosci Abstr
41. Lan, N. & Gordon, J. (2003) An α - γ Dual Strategy for the Control of Trajectory and Equilibrium Position of Reaching Movements. Presented at Neural control of Movement meeting, Santa Barbara.
42. Krakauer JW, Gordon J, Veytsman M, Ghez C (2002) Contributions of planning and updating to accuracy of reaching movements in normals and stroke. Soc Neurosci Abstr 28:169.4.
43. Rose, D.K., Winstein, C.J., & Gordon, J. (2002). Bimanual motor control following stroke. *APTA Combined Sections Meeting. Poster presentation.*
44. Rose, D.K., Winstein, C.J., & Gordon, J. (2001). Bimanual temporal control following unilateral brain damage. *Society for Neuroscience Abstracts*, Vol. 27, Program No. 832.13.
45. Ghez C., Krakauer, J.W., Veytsman, M., & Gordon, J. (2001). Control and updating strategies in point-to-point and reversal reaching movements. *Society for Neuroscience Abstracts*, Vol. 27, Program No. 940.16.
46. Hening, W., Rolleri, M., & Gordon, J. (1996). Effects of visual information and practice on normal and Parkinsonian subjects. *Society for Neuroscience Abstracts*, 22, 722.
47. Hening, W., Rolleri, M., & Gordon, J. (1996). The effect on the performance of Parkinsonian and normal subjects when only minimal task information is provided in a planar pointing task. *Abstract presented at the 4th International Congress of Movement Disorders*, Vienna, Austria, June, 1996.
48. Hening, W., Fookson, O., Rolleri, M., Berkinblit, M., Gordon, J., & Poizner, M. (1995). Explorations of accuracy in Parkinson's Disease (PD). *Abstract presented at the National Parkinson's Foundation VIIIth Symposium on Parkinson's Disease Research*, San Diego, CA, November, 1995.
49. Rakowski, G. P., de Regt, P., & Gordon, J. (1995). Transfer of training between the left and right hands in a novel motor task. *12th International Congress of the World Confederation for Physical Therapy*
50. Pine, Z. M., Gordon, J., & Ghez, C. (1994). Adaptation to *display rotations and altered gains in planar reaching movements*. *Society for Neuroscience Abstracts*, 20, 1410.
51. Ghilardi, M. F., Gordon, J., & Ghez, C. (1994). Directional biases in arm movements reflect biased estimates of initial hand position. *Society for Neuroscience Abstracts*, 20, 1410.
52. Ghilardi, M. F., Gordon, J., & Ghez, C. (1993). Directional biases in targeted arm movements result from distortions in the representation of the workspace. *Society for Neuroscience Abstracts*, 19, 1686.
53. Hening, W., Rolleri, M., & Gordon, J. (1993). Accurate movement to remembered targets: Normals vs. Parkinsonian patients. *Abstract presented at the American Neurological Association annual meeting*, Boston, Massachusetts, October, 1993.
54. Hening, W., Rolleri, M., & Gordon, J. (1993). Digitizing tablet assessment of parkinsonism on and off states. *Can. J. Neurol. Sci.*, 20(Suppl. 4), S212.
55. Hening, W., Rolleri, M., & Gordon, J. (1993). Progressive specification of response amplitudes in a pointing task. *Society for Neuroscience Abstracts*, 19, 1685.

56. Hening, W., Rollerli, M., Poizner, H., & Gordon, J. (1993). Parkinsonian and normal subjects achieve comparable scaling and accuracy of planar pointing movements in different directions despite disparate patterns of joint rotation. *Abstract presented at the AAEM annual meeting, New Orleans, Louisiana, October, 1993.*
57. Hening, W., Gordon, J., & Rollerli, M. (1992). A digitizing tablet to examine movement accuracy in normals. *Movement Disorders, 7(Suppl. 1)*, 115.
58. Hening, W., Gordon, J., & Rollerli, M. (1992). The influence of knowledge of results on movement trajectories, reaction time, and accuracy of planar pointing movements. *Muscle and Nerve, 15(10)*, 1172.
59. Hening, W., Gordon, J., & Rollerli, M. (1992). Response trajectories and accuracy of normal and Parkinsonian subjects in a pointing task. *Society for Neuroscience Abstracts, 18*, 935.
60. Ghilardi, M.F., Gordon, J., Ghez, C. (1991). Systematic directional errors in planar arm movements are reduced by vision of the arm. *Society for Neuroscience Abstracts, 17*, 1388.
61. Gordon, J., Ghilardi, M. F., & Ghez, C. (1990). Deafferented subjects fail to compensate for workspace anisotropies in 2-dimensional arm movements. *Society for Neuroscience Abstracts, 16*, 1089.
62. Favilla, M., Gordon, J., Ghilardi, M. F., & Ghez, C. (1990). Discrete and continuous processes in the programming of extent and direction in multijoint arm movements. *Society for Neuroscience Abstracts, 16*, 1089.
63. Gordon, J. and Ghez, C. (1989). Independence of direction and amplitude errors in planar arm movements. *Society for Neuroscience Abstracts, 15*, 50.
64. Gordon, J., Bermejo, R. and Ghez, C. (1988). Updating of isometric force trajectories: Corrections for unexpected changes in target amplitude. *Society for Neuroscience Abstracts, 14*, 467.
65. Ghez, C., Bermejo, R., and Gordon, J. (1988). Impairment in programming of response direction and amplitude in deafferented patients. *Society for Neuroscience Abstracts, 14*, 953.
66. Gordon, J., Iyer, M., and Ghez, C. (1987). Impairment of motor programming and trajectory control in a deafferented patient. *Society for Neuroscience Abstracts, 13*, 352.
67. Favilla, M., Hening, W., Gordon, J., and Ghez, C. (1986). Preparatory set: Independent specification of direction and size in the preparation of responses to a range of targets. *Society for Neuroscience Abstracts, 12*, 972.
68. Gordon, J., Hening, W, and Ghez, C. (1985). Abnormalities of trajectory control in Dystonia. *Neurology, 36(Suppl. 1)*, 183.
69. Gordon, J. and Ghez, C. (1985). Mechanisms contributing to accuracy in aimed force impulses: Rise time regulation and corrective adjustments. *Society for Neuroscience Abstracts, 11*: 75.
70. Gordon, J. and Ghez, C. (1983). EMG patterns in antagonist muscles are coupled to response dynamics during isometric force adjustments of human muscles. *Society for Neuroscience Abstracts, 9*: 1031.
71. Held, J.M., Gordon, J. and Gentile, A.M. (1981). Effects of environmental enrichment following cortical lesions in rats. *Society for Neuroscience Abstracts, 7*: 774.

Invited Lectures (National Meetings)

1. Gordon J. Moderator and opening speaker at 2018 Eugene Michels Forum: “The Current Wave of Technology: Should We Ride it or Should We Start Paddling?” APTA Combined Sections Meeting, New Orleans, Feb. 2018

2. Gordon J. “Motor learning as therapy: A critical appraisal of the legacy of Ann Gentile” Ann Gentile Memorial Conference: The Future of Motor Learning in Rehabilitation and Movement Sciences. Teachers College, Columbia University, New York, November 2016
3. Gordon J. “Funding PhD Students and Programs” Symposium on PhD Programs for Research Intensive Physical Therapy Programs. Education Leadership Conference. Kansas City, Missouri, October 2014
4. Gordon J. “If greatness is a goal...” Mary McMillan Lecture. American Physical Therapy Association Annual NEXT Conference, Charlotte NC, June 2014
5. Gordon J. “Next steps: Advancing System Skills in Physical Therapy Academic and Clinical Settings (Panel Discussion)” Face into the Storm: Gaining System Skills Needed to Succeed in the Changing Healthcare Environment, Boston University, June 2013.
6. Gordon J. “Why are clinical trials important for the profession?” One of four presentations reacting to Ann Shumway Cook Lecture on “Challenges to translating neurorehabilitation research into practice” by Winstein at Combined Sections Meeting, Chicago, IL, February 2012
7. Gordon J. “Excellence in academic physical therapy: What is it and how do we get there?” Pauline Cerasoli Lecture, APTA Combined Sections Meeting, New Orleans, Feb. 2011.
8. Gordon J. “Educating Physical Therapists to meet Societal Needs” Catherine Worthingham Forum, APTA Annual Meeting, Baltimore, June 2009.
9. Gordon, J. “Overview of PTClinResNet” in Symposium: Patient Perspectives and Quality of Life: Early PTClinResNet Outcomes American Physical Therapy Association Combined Sections Meeting, New Orleans, San Diego, February, 2006
10. Gordon, J. “Top-Down Model for Neurological Rehabilitation” III-STEP Conference, Salt Lake City, July, 2005
11. Gordon, J. “From Disability to Recovery: A Top-Down Model for Task- Oriented Intervention in Neurologic Rehabilitation” Neuro-Developmental Treatment Association 2004 conference, Orlando, FL, May 2004
12. Gordon, J. "A Framework for Staging Clinical Trials: Pre-Clinical to Phase IV in Rehabilitation" Symposium on Clinical Trials in Rehabilitation, APTA Combined Sections Meeting, Nashville, TN, February, 2004
13. Gordon, J. & Quinn, L. “A Model for Task-Oriented Intervention in Neurologic Rehabilitation: Promoting Transfer and Functional Carry-Over.” American Physical Therapy Association Combined Sections Meeting, San Antonio, TX, February, 2001
14. Gordon, J. "Towards a clinical science of neurological rehabilitation: Issues in the development of a theory of practice" Conference on Conceptual Models for Therapeutic Practice, Teachers College, Columbia University, New York, April, 1996
15. Gordon, J. "Control tasks in posture and locomotion" Workshop on Neuromotor Processes in Posture and Movement, Teachers College, Columbia University, New York, March, 1995
16. Gordon, J. "Programming of extent and direction in reaching movements in subjects with intact and impaired proprioception" Conference on Multisegmental Motor Control sponsored by Section on Research of American Physical Therapy Association, New Hampton, NH, August, 1995
17. Gordon, J. "Commentary on presentation by G. Rizzolatti" Symposium on Sensory Mechanisms in Motor Coordination at Society for Neuroscience Annual Meeting, Miami, FL, November, 1994
18. Gordon, J. “Neuromotor control processes underlying posture and movement” Workshop in Motor Learning and Control, Teachers College, Columbia University, New York, October, 1994

19. Gordon, J. "A functional approach to teaching movement skills in the clinic" Two-day workshop at Symposium on Neurorehabilitation sponsored by Chicago Institute of Neurosurgery and Neuroresearch, Chicago, IL, November, 1993
20. Gordon, J. "Neuromotor control processes underlying posture and movement" Workshop in Motor Learning and Control, Teachers College, Columbia University, New York, October, 1993
21. Gordon, J. "Applying motor learning principles in the clinic: a task-oriented approach" 14th Annual Braintree Hospital Traumatic Brain Injury Conference, Boston, MA, September, 1993
22. Gordon, J. "Movement skill acquisition in clinical settings" Conference on "Meeting the Challenge: Practical Approaches to Stroke Rehabilitation" sponsored by National Rehabilitation Hospital and National Stroke Association in Rockville, MD, May, 1993
23. Gordon, J. "Neuromotor control processes underlying posture and movement" Workshop in Motor Learning and Control, Teachers College, Columbia University, New York, October, 1992
24. Gordon, J. "Parallel processing of direction and extent in reaching movements" Conference on "Biomechanics and Neural Control of Movement: Development" sponsored by Engineering Foundation at Ventura CA, July, 1992
25. Gordon, J. "Anticipatory guidance from a motor control perspective" 20th Annual Sensorimotor Integration Symposium, San Diego, CA, July, 1992
26. Gordon, J. "Principles underlying neurodevelopmental treatment approaches." Neurodevelopmental Treatment Association - Instructors Meeting, Chicago, IL, June, 1992
27. Gordon, J. "Facilitation of skill acquisition in clinical settings." American Physical Therapy Association Combined Sections Meeting, San Francisco, CA, February, 1992
28. Gordon, J. "Tone and spasticity." Neurodevelopmental Treatment Association - Instructors Meeting, Chicago, IL, June, 1991
29. Gordon, J. "Basic principles of motor control and motor learning." Neurodevelopmental Treatment Association National Conference, Newark, NJ, May, 1990
30. Gordon, J. "Theoretical assumptions underlying clinical approaches." Workshop in Motor Learning and Control. Teachers College, Columbia University, New York, NY, October, 1989
31. Gordon, J. "Control of posture and locomotion: neural mechanisms and biomechanical constraints." Seventh Annual State Conference of Connecticut Traumatic Brain Injury Association at Cromwell, CT, December, 1988
32. Gordon, J. "A method for testing models of trajectory control strategies." Conference on "Biomechanics and Neural Control of Movement: Development and Role of Models" sponsored by Engineering Foundation at New England College, Henniker, NH, July, 1987
33. Gordon, J. "Neural and biomechanical basis of tone and spasticity." Conference on "Motor Control: Theoretical Bases for Clinical Practice" Kessler Institute for Rehab., West Orange, NJ, September, 1986
34. Gordon, J. "Scientific and clinical contexts influencing change in clinical practice." Conference on "Innovation in Clinical Practice" Teachers College, Columbia University, New York, NY, March, 1984
35. Gordon, J. "Movement as problem solving: A motor learning perspective." Sixth Annual Postgraduate Course on the Rehabilitation of Brain-Injured Adult, sponsored by Medical College of Virginia at Williamsburg, VA, June, 1982

Invited Lectures (International)

1. Gordon J. "The role of academic excellence in the advancement of the physical therapy profession: The US experience." Keynote Address, 63rd Annual Conference of Physical Therapy Association of Republic of China, Taipei, Taiwan, March 2011
2. Gordon J. "USC Biokinesiology & Physical Therapy: Overview of the Educational/Research/Clinical Vision." Physical Therapy Department, National Taiwan University, Taipei, Taiwan, March 2011.
3. Gordon J. "Implementing the DPT degree: Lessons from the US experience." Special Lecture, National Cheng Kung University, Tainan, Taiwan, March 2011.
4. Gordon J. "Physical Therapy Education in the US: The USC Model." Keio University, Tokyo, Japan, June 2008.
5. Gordon J. "USC Biokinesiology & Physical Therapy: Overview of the Educational/Research/Clinical Vision." The 1st Pacific Rim Rehabilitation Seminar at Tokyo Bay: The Forefront in NeuroRehabilitation, Tokyo, Japan, June 2008.
6. Gordon, J. "Motor Control and Learning in Rehabilitation" One-day Workshop, Copenhagen, Denmark, August, 1999
7. Gordon, J. "Motor Control and Learning in Rehabilitation" One-day Workshop, Kolding, Denmark, August, 1999
8. Gordon, J. "Motor Control and Learning in Rehabilitation – Theoretical Framework and Clinical Implications" Three-day Workshop, University of Trondheim, Trondheim, Norway, June, 1998
9. Gordon, J. "Physiotherapy is Health: Towards a Clinical Science of Neurological Rehabilitation" Invited presentation at 4th Annual Nordic Research Symposium for Physiotherapists, Stockholm, Sweden, June, 1997
10. Gordon, J. "Contemporary Research and Theory in Motor Control" Post-Graduate Course for Physiotherapists, organizer and lecturer, sponsored by Nordic Research Council, Umeå, Sweden, June, 1997
11. Gordon, J. "Parallel processing of direction and extent in reaching movements" Departmental Seminar, Department of Kinanthropology, University of Quebec, Montreal, Canada, April, 1993
12. Gordon, J. "Roles of proprioceptive input in reaching movements." International Symposium on Treatment of Children with Movement Disorders, Stockholm, Sweden, August, 1991
13. Gordon, J. "Principles of force trajectory control." Research Seminar Series, School of Occupational and Physical Therapy, McGill University, Montreal, Canada, January, 1988

Other Invited Lectures and Presentations

1. Gordon J. "Back to the future: From RPT to DPT." Commencement Address, Doctor of Physical Therapy Graduation Convocation, Northwestern University Feinberg School of Medicine, Chicago, IL, April, 2014
2. Gordon J. "Six lessons from an accidental physical therapist." Commencement Address, Doctor of Physical Therapy Diploma Ceremony, Emory University School of Medicine, Atlanta, GA, May, 2011
3. Gordon J. "PTClinResNet: Translating the Results of the Clinical Research Network into Practice (Discussion Moderator)." APTA Combined Sections Meeting, Las Vegas, February 2009.
4. Gordon J. "Metrics for Excellence in Education (Discussion Facilitator)." APTA Educational Leadership Conference, Phoenix, October 2008.

5. Gordon J. Panel member, Diagnosis Dialog: Sharing Perspectives, PT2008, San Antonio, May, 2008.
6. Gordon J. “Overview and Introduction” Colloquium to Honor Ann Gentile: An Appreciation of her Contributions to Science, Education, and Practice (Co-Chair of Organizing Committee), Teachers College, Columbia University, May, 2008.
7. Gordon J, Slavkin H, Clark, F. “Mouth, Body, Spirit” Interactive program conducted at USC Parent’s Weekend, October, 2007.
8. Gordon, J. “New Paths of Research Discovered Through the CRN” (Panel Discussion Moderator), PTClinResNet Annual Investigators Meeting, Washington DC, June, 2007
9. Gordon J, “Teaching Motor Skills in the Classroom” Lecture to Faculty of Program in Dental Hygiene, USC School of Dentistry, May 2006
10. Gordon, J. “Moderator, Research Session: Motor Control and Recovery in Neurorehabilitation” American Physical Therapy Association Combined Sections Meeting, New Orleans, February, 2005
11. Gordon, J. “Progress report from the coordinating center. What did it cost?”, PTClinResNet Annual Investigators Meeting, Boston, MA, June, 2005
12. Gordon, J. “Beyond the Medical Model: A Top-Down Model of Rehabilitation and its Relevance for Research” Department of Physical Therapy and Rehabilitation Science, University of Maryland, April, 2005
13. Gordon, J. "The Future of Physical Therapy: Beyond the Medical Model?" Carolee Moncur Lectureship 2005, Division of Physical Therapy, University of Utah, February, 2005
14. Gordon, J. "Overview of PTClinResNet" Symposium on Clinical Research in California: Forwarding the Profession through Collaboration’, California Physical Therapy Association Annual Meeting, Anaheim, CA, October, 2004
15. Gordon, J. "Plans for Dissemination and Extensions”, PTClinResNet Annual Investigators Meeting, Chicago, IL, June, 2004
16. Gordon, J. "Standardization and training”, PTClinResNet Annual Investigators Meeting, Alexandria, VA, August, 2003
17. Gordon, J. “A Model for Task-Oriented Intervention in Rehabilitation.” Physical Therapy Staff In-service, Rancho Los Amigos National Rehabilitation Center, Downey, CA, November, 2001
18. Gordon, J. “A Model for Task-Oriented Intervention in Neurological Rehabilitation.” Presentation during two-day course; Stroke Care: The Changing Image, sponsored by Health Care Professions Seminars and University of Southern California, October, 2001
19. Gordon, J. “A Model for Task-Oriented Intervention in Neurological Rehabilitation.” 8th Annual Luiese Lynch Lecture, University of Oklahoma, Oklahoma City, OK, October, 2001
20. Gordon, J. “The Future of Physical Therapy: Beyond the Medical Model.” Inaugural Maureen Rodgers Visions for Physical Therapy Lecture, Rancho Los Amigos National Rehabilitation Center, Downey, CA, October, 2001
21. Gordon, J. "Contributions of proprioceptive input to control of reaching movements" USC Motor Control and Locomotion Seminar Series, University of Southern California, Los Angeles, CA, January, 2001
22. Gordon, J. "The roles of proprioception in control of reaching movements" Departmental seminar, Department of Biokinesiology and Physical Therapy, University of Southern California, Los Angeles, CA, May, 1999

23. Gordon, J. "Guide to Physical Therapist Practice: A Critique" Boston University Department of Physical Therapy, Boston, April, 1999
24. Gordon, J. "Movement science and the Nagi model" Motor Learning Alumni Event, Department of Cell Biology and Anatomy, New York Medical College, Valhalla, NY, May, 1999
25. Gordon, J. "A Functional Approach to Teaching Motor Skills in Clinical Settings" One-day workshop, Chelsea Community Hospital, Chelsea, MI, November, 1997
26. Gordon, J. "A Disability Framework for Outcome-Oriented Physical Therapy" In-service, New York Foundling Hospital, New York, NY, July, 1997
27. Gordon, J. "Motor Control and Skill Acquisition" Workshop sponsored by Curative Rehabilitation Services, Milwaukee, WI, April, 1997
28. Gordon, J. "Neuroscience" Update in Neurologic Physical Therapy, sponsored by Neurological Section of APTA, Oakland, CA, November, 1996
29. Gordon, J. "Neuromotor Processes Underlying Posture and Movement" In-service, New York Foundling Hospital, New York, NY, August, 1996
30. Gordon, J. "Problem-Based Learning: Practical Application to Physical Therapy Professional Progress", Chairperson of short course, APTA Annual Conference, Minneapolis, MN, June, 1996
31. Gordon, J. "Beyond independence: Setting functional goals using a skill acquisitions framework" Hudson Valley District of APTA, North Tarrytown, NY, February, 1996
32. Gordon, J. "Does proprioception play a role in movement planning" Departmental seminar, Department of Cell Biology and Anatomy, New York Medical College, Valhalla, NY, September, 1995
33. Gordon, J. "Facilitating motor skills in clinical settings" One-day workshop sponsored by Care Rehab, Inc., Baltimore, MD, September, 1995
34. Gordon, J. "Problem-based learning in the physical therapy program at NYMC" In-service lecture sponsored by Physical Therapy Department, Westchester County Medical Center, Valhalla, NY, July, 1995
35. Gordon, J. "Normal and abnormal muscle tone" In-service lecture sponsored by Physical Therapy Department, Blythedale Children's Hospital, Valhalla, NY, June, 1995
36. Gordon, J. "Beyond independence: Skill acquisition as a framework for setting goals and measuring outcomes" Conference on Traumatic Brain Injury: Functional Assessment and Documentation, sponsored by University of Florida, Department of Physical Therapy, St. Petersburg Beach, FL, May, 1995
37. Gordon, J. "Facilitating skill acquisition in clinical settings" Two-day workshop at 1995 Spring Conference of Washington State Physical Therapy Association, Yakima, WA, April, 1995
38. Gordon, J. "Motor skill acquisition in clinical settings" Northern District of NJ APTA, Denville, NJ, November, 1994
39. Gordon, J. "Programming of extent and direction in reaching movements in subjects with intact and impaired proprioception" Departmental seminar, Department of Physical Therapy, University of Iowa, Iowa City, IA, April, 1994
40. Gordon, J. "Programming of extent and direction in reaching movements in subjects with intact and impaired proprioception" Departmental seminar, Department of Physical Therapy, University of Pittsburgh, Pittsburgh, PA, March, 1994

41. Gordon, J. "Motor learning and skill acquisition theory: Applications to the clinical setting" Two-day workshop at University of Alabama at Birmingham, sponsored by Alabama Physical Therapy Association, Birmingham, AL, September, 1994
42. Gordon, J. "Programming of extent and direction in reaching movements in subjects with intact and impaired proprioception" Departmental seminar, Department of Physical Therapy, University of Illinois at Chicago, Chicago, IL, March, 1994
43. Gordon, J. "A functional approach to teaching motor skills in clinical settings" One-day workshop at University of Maryland sponsored by Adventist Home Health Services, College Park, MD, September, 1994
44. Gordon, J. "Historical and current perspectives on control of movement" Symposium on Multidisciplinary Perspectives on Motor Control and Learning, University of Missouri-Columbia, Columbia, MO, April, 1994
45. Gordon, J. "Principles of skill acquisition" Hudson Valley District of APTA, White Plains, NY, February, 1994
46. Gordon, J. "Motor skill: A task-oriented approach" One-day workshop given to staff of National Rehabilitation Hospital, Washington, DC, May, 1993
47. Gordon, J. "Motor learning and skill acquisition: theory and application" NY State APTA Conference, Rochester, NY, May, 1993
48. Gordon, J. "Research in motor learning and control" Departmental Seminar, Department of Occupational Therapy, New York University, April, 1993
49. Gordon, J. "New perspectives on facilitation of functional movement skills" Workshop sponsored by Education Resources, Inc., Natick, MA, March, 1993
50. Gordon, J. "Motor control and learning: New perspectives and their implications for rehabilitation." Neurodevelopmental Treatment Association Northeast Regional Fall Conference, Melville, NY, November, 1989

III. ACADEMIC, ADMINISTRATIVE & SERVICE ACTIVITIES

Administrative Appointments

2006 – Present	Associate Dean, Division of Biokinesiology and Physical Therapy at the School of Dentistry, University of Southern California, Los Angeles, CA.
2000 – 2006	Chair, Department of Biokinesiology and Physical Therapy, University of Southern California, Los Angeles, CA.
1995 – 2000	Program Director, Program in Physical Therapy, Graduate School of Health Sciences, New York Medical College, Valhalla, NY.

Committee Activities (University Service)

University of Southern California (2000-present)

2009 – 2011	Health Sciences Campus Master Plan Executive committee
2006 – 2009	School of Dentistry Executive Leadership Team
2006 – 2007	Design Team 3 (Education, Training and Career Development), CTSA (Clinical Translational Science Award) Planning Committee
2005 – 2006	University Search Committee for Dean of School of Gerontology
2005 – Present	Division awards committee
2004 – 2005	University Committee on Research (co-chair – HSC Zumberg Award Review sub-committee)
2004	Provost's Task Force on Restructuring of Independent Health Professions
2004 – 2005	Reviewer, Center for Interdisciplinary Research

2002 – 2003	University Search Committee for Director of Morris Medical Library
2001 – Present	President's Leadership Group (retreats in November 2001, May 2002, November 2003, November 2004, November 2005, May 2006, November 2006, November 2007, May 2008, November 2009, November 2010)

New York Medical College (1995-2000)

1999	Middle States Accreditation Faculty Task Group (Chair) (University)
1999	Search Committee for Chair of Department of Orthopaedic Surgery (University)
1999	Faculty Compensation Committee (University)
1999	Speech-Language Pathology Faculty Search Committee (GSHS)
1998 – 2000	Student Financial Aid Committee (University)
1998	Code of Conduct Committee (University)
1998	Re-engineering Committee (GSHS)
1995 – 1998	Subcommittee on Outcomes Related to Faculty (GSHS)
1995 – 2000	Admissions Committee – Program in Physical Therapy
1995 – 2000	Academic Policy Committee - Graduate School of Health Sciences (GSHS)
1995 – 2000	Appointments and Promotions Committee (GSHS)

Columbia University (1990-1995)

1993	Physical Therapy Committee on Optimal Class Size
1993	Physical Therapy Student-Faculty Advisory Committee
1990 – 1995	Physical Therapy Admissions Committee
1991 – 1993	Departmental Committee on Human Investigation (Chairperson, 1991-1992)
1991 – 1995	Departmental Representative to Faculty Council of School of Medicine

Committee Activities (Extramural Service)

2007 - 2015	Board of Advisors, University of North Carolina Division of Physical Therapy
2006 – 2008	External Advisory Committee, Clinical Research Training Program (K30), University of Illinois- Chicago
2006 – 2008	Member, Diagnosis Dialog Invitational Task Group
2001	Expert Panel on Rehabilitation – Canadian Fund for Innovation
2002 - 2005	Expert Reviewer – Canadian Fund for Innovation
1993	Special Review Committee, National Institute for Child Health and Human Development, National Institutes of Health
1992 – 1996	Doctoral Research Awards Committee, Foundation for Physical Therapy

Courses Developed & Taught

... at University of Southern California

2014 – 2017	Course Co-director (Lecture & lab) PT-546 – <i>Neuropathology</i>
2013	Course Director (Lecture & lab) PT-546 – <i>Neuropathology</i>
2004 – 2016	Course Director (seminar) BKN-578 – <i>Classic Readings in Biokinesiology</i>
2002 – 2016	Lecturer (3 lectures) PT-521 – <i>Basics of Patient Management</i>
2001 – 2016	Lecturer (1 lecture) PT-507 – <i>Professional Behavior</i>
2005 – 2017	Lecturer (3 lectures)

2007 – 2017	PT-621 – <i>Clinical Management of Orthopaedic Dysfunction</i> Lecturer (3-5 classes)
2008 – 2011	BKN-550 – <i>Neurobehavioral Basis of Movement</i> Module Coordinator and Lecturer (2 lectures)
2001 – 2011	NEUR 532 – <i>Systems and Behavioral Neurobiology</i> Lecturer (4-7 lectures)
2010	PT-569 – <i>Fundamentals of Neuroscience</i> Lecturer (1 lecture)
2001 – 2009	NEUR 524 – <i>Advanced Neuroscience I</i> Lecturer (2-3 lectures and 4 labs)
2002 – 2008	PT-534 – <i>Neuroanatomy</i> Lecturer (1-2 lectures)
2001 – 2006	PT-624 – <i>Neurological Differential Diagnosis</i> Lecturer (2-3 lectures)
2004	PT-581 – <i>Clinical Management of Neurologically Involved Patient</i> Lecturer (1 lecture)
2000 – 2001	IEB-510a – <i>Integrative & Evolutionary Biology</i> Lecturer (1 lectures)
	BKN-610 – <i>Movement: From Molecules to Behavior</i>

... at New York Medical College

1995 – 2000	Course Director PH1700.16.2 - <i>Professional Practice I</i>
1997 – 1998	Tutor PH1700.12.11 - <i>Clinical Science in Physical Therapy: Acute Care Conditions</i>
1998	Tutor PH1700.12.11 - <i>Clinical Science in Physical Therapy: Chronic Care Conditions</i>
1998 – 1999	Laboratory coordinator PH1700.3.4 – <i>Neuroscience</i>

... at Columbia University

1989	Course Director PTM8500 - <i>Scientific Inquiry</i>
1990 – 1995	Course Director P.T.M1650 - <i>Analysis of Motor Control: Neural and Behavioral Perspectives</i>
1990 – 1994	Course Director HPM6103 - <i>Neural Science</i>

.... at Teachers College, Columbia University (Motor Learning Program)

1982 – 1986	Course Director <i>Seminar in Neuromotor Processes</i>
1985	Course Director <i>Bases in Motor Control Processes</i>

... at Long Island University (Physical Therapy Program)

1985	Course Director <i>Motor Control Processes</i>
1986	Course Director <i>Motor Learning and Development</i>

Student Mentoring**Service on PhD Committees (USC)**

2000 – 2001	Lara Boyd, Dissertation Committee (Dissertation Defense on 7/5/01)
2000 – 2003	Kathleen Ganley, Dissertation committee (Qualifying exam on 5/29/01; Dissertation Defense on 1/24/03)
2000 – 2004	Dorian Rose, Dissertation committee (Qualifying exam on 8/10/01; Dissertation Defense on 8/9/04)
2002 – 2004	Sean Flanagan, Dissertation committee (Qualifying exam on 4/2/03; Dissertation Defense on 6/10/04)
2003 – 2004	Hans Dreyer, Qualifying exam committee (Qualifying exam on 7/24/03)
2003 – 2005	Milana Mileusnic (Dept. of Biomedical Engineering), Dissertation committee (Qualifying exam on 8/29/03; Dissertation Defense on 8/15/05)
2003 – 2005	Albert Vallejo, Dissertation committee (Qualifying exam on 10/29/03; Dissertation defense on 5/24/05)
2003 – 2007	Jarugool Tretriluxana, Dissertation committee (Qualifying exam on 4/30/04, Dissertation Defense on 6/1/07)
2004 – 2007	Janice Lin, Dissertation committee (Qualifying exam on 5/31/05, Dissertation Defense on 5/30/07)
2004 – 2008	Nicole Jensky, co-Chair of Dissertation committee (Qualifying exam on 4/17/06, Dissertation Defense on 2/27/08)
2004 – 2008	Shruti Arya, co-Chair of Dissertation committee (Qualifying exam on 11/8/06, Dissertation Defense on 5/9/08)
2006 – 2008	Dan Song (Dept. of Biomedical Engineering), Dissertation committee (Qualifying exam on 5/9/07, Dissertation Defense on 6/5/08)
2006 – 2010	George Beneck, Dissertation committee (Qualifying exam on 6/30/08, Dissertation Defense on 6/10/10)
2007 – 2010	Jill Stewart, Dissertation committee (Qualifying exam on 12/11/07, Dissertation Defense on 6/14/10)
2007 – 2010	Feng Qi (Neuroscience Program), Dissertation committee (Qualifying exam on 12/1/08, Dissertation Defense on 5/12/10)
2007 – 2010	Young Choi (Dept. of Computer Science), Dissertation committee (Qualifying exam on 5/18/09, Dissertation Defense on 4/6/10)
2007 – 2008	Kathleen Garrison (Neuroscience Program), Qualifying exam committee (Qualifying exam on 5/14/08)
2008 – 2009	Giby Raphael (Dept. of Biomedical Engineering), Dissertation committee (Qualifying exam on 7/30/08, Dissertation Defense on 6/29/09)
2008 – 2009	Cheol Han (Dept. of Computer Science), Dissertation committee (Dissertation Defense on 7/14/09)
2008 – 2009	Rahul Kaliki (Dept. of Biomedical Engineering), Dissertation committee (Qualifying exam on 7/15/08, Dissertation Defense on 9/8/09)
2008 – 2010	Marcus Hauschild (Dept. of Biomedical Engineering), Dissertation committee (Qualifying exam on 5/30/08, Dissertation Defense on 1/19/10)
2008 – 2010	Hui-Ting Goh, Dissertation committee (Qualifying exam on 5/29/09, Dissertation Defense on 10/4/10)
2008 – 2012	Kristen Stearns, Dissertation committee (Qualifying exam on 8/31/09, Dissertation Defense on 4/27/12)
2008 – 2012	Mark Lyle, Dissertation committee (Qualifying exam on 5/24/10, Dissertation Defense on 3/27/12)
2009 – 2012	Shawn Sorenson, Dissertation committee (Qualifying exam on 12/7/10, Dissertation Defense on 3/2/12)

2010 – 2013	Ya-Yun Lee, Dissertation committee (Qualifying exam on 1/27/12, Dissertation Defense on 10/11/13)
2010 – 2014	Joanne Smith, Dissertation committee (Qualifying exam on 5/30/12, Dissertation Defense on 5/8/14)
2011 – 2015	Hyeshin Park, Dissertation committee (Qualifying exam on 2/20/13; Dissertation Defense on 5/6/15)
2012 – 2014	Gui Cesar, co-Chair of Dissertation committee (Qualifying exam on 4/5/13, Dissertation Defense on 10/1/14)
2012 – 2013	Sungshin Kim (Neuroscience Program), Dissertation committee (Dissertation Defense on 6/13/13)
2012 – 2016	Amar Bains (Neuroscience Program), Dissertation committee (Qualifying exam on 2/20/13, Dissertation Defense on 5/6/16)
2012 – 2016	Sujin Kim, Dissertation committee (Qualifying exam on 4/29/14, Dissertation Defense on 5/5/16)
2014 – 2017	Moheb Yani, Dissertation committee (Qualifying exam on 12/15/15, Dissertation Defense on 3/21/17)
2014 – Present	Chunji Wang (Neuroscience Program), Dissertation committee (Qualifying exam on 12/10/15)
2015 – Present	Bokkyu Kim, Dissertation committee (Qualifying exam on 12/7/15)
2015 – Present	Michael Rowley, Dissertation committee (Qualifying exam on 8/22/16)
2015 – Present	Abigail Fietzer, Dissertation committee (Qualifying exam on 10/4/16)
2015 – Present	Helen Bacon, Qualifying exam committee
2016 – Present	Irene Kuo, Dissertation committee (Qualifying exam on 10/3/16)
2016 – Present	Andrew Hooyman, Qualifying exam committee

Service on PhD Committees (other Universities)

2008	Henry Tsao, Outside reader on Dissertation Committee (University of Queensland, Australia) Dissertation Defense, May 2008
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Activities in Professional Organizations

2014 – Present	Executive Committee, Consortium of Research Intensive Programs in Physical Therapy
2013 – Present	American Physical Therapy Association Awards Committee (Publications Subcommittee)
2014 – 2015	Immediate past-chair - American Physical Therapy Association - Council of Catherine Worthingham Fellows
2012 – 2014	Chair - American Physical Therapy Association - Council of Catherine Worthingham Fellows
2009 – 2010	Interim Board, American Council of Academic Physical Therapy
2008 – 2009	American Physical Therapy Association – Academic Programs Organizing Committee
2007 - 2008	AASIG Task Force on Advancement of Academic Physical Therapy – APTA Academic Administrators Special Interest Group
2008 – 2010	American Physical Therapy Association - Catherine Worthingham Fellow Review Committee
2010 – 2011	Chair - American Physical Therapy Association - Catherine Worthingham Fellow Review Committee
2007	AASIG Task Force on US News Ranking System – APTA Academic Administrators Special Interest Group

- 2004 – 2007 American Physical Therapy Association Awards Committee (Publications Subcommittee)
 2006 – 2007 American Physical Therapy Association Awards Committee (Chair)

Consulting Activities

- 2013 External Review Team, University of Toronto (Assessment of Department of Physical Therapy)
 2013 External Review, University of Maryland (Assessment of Department of Physical Therapy and Rehabilitation Sciences)
 2010 External Consultant, Doctor of Physical Therapy Program in The College of Physical Therapy at Princess Noura bint Abdul Rahman University, Saudi Arabia
 2010 External Review Team, University of Maryland (Assessment of PhD in Rehabilitation Sciences)
 2009 External Review Team, University of Washington (Department of Rehabilitation Medicine - Doctor of Physical Therapy Program Review)
 2007 External Consultant, University of Illinois - Chicago (Search for new Chair of Department of Physical Therapy)
 2007 External Review Team, University of Maryland (Assessment of Department of Physical Therapy and Rehabilitation Sciences)
 2006 Chair, External Review Team, Temple University (Assessment of Department of Physical Therapy)
 2006 External Review Team, University of Utah (Assessment of Department of Physical Therapy)
 2004 External Reviewer, Hong Kong Polytechnic University (Assessment of Department of Rehabilitation Sciences)
 2004 External Reviewer, Emory University (Assessment of Division of Physical Therapy)
 1999 External Consultant, University of Wisconsin-Milwaukee (Evaluation of Proposal for Development of Physical Therapy Program)
 1998 External Consultant, Utica College of Syracuse University (Evaluation of Masters Program in Physical Therapy for New York State Education Department)
 1993 – 1995 External Consultant, “An analysis of the motor relearning of a standing reach activity in individuals with hemiparesis” (P.I. – Deborah Nichols, PhD, Ohio State University) Project funded by Foundation for Physical Therapy

Journal Editorial Boards

- 2008 – 2011 Editorial Board Member – Journal of Physical Therapy Education
 2007 - 2009 Consulting Editor – Journal of Neurologic Physical Therapy
 2002 - 2007 Editorial Board Member – Journal of Neurologic Physical Therapy

Peer review for journals:

- Brain
- Brain Research
- Brain Research Bulletin
- Child Development
- Experimental Brain Research
- Journal of Motor Behavior
- Journal of Neurologic Physical Therapy

Journal of Neurophysiology
Journal of Orthopedic and Sports Physical Therapy
Neuroscience Letters
Physical Therapy
Physiotherapy Theory and Practice