

CURRICULUM VITAE

Ellen Wruble Hakim, PT, DScPT, MS, CWS, FACCWS
Director, Doctorate in Physical Therapy Program
Director, Master of Science in Anatomy and Clinical Health Science Program
Associate Professor
University of Delaware

Date March 2018

Personal Information

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Education

B.S., Clinical Science, Ithaca College 1993
M.S., Physical Therapy, Ithaca College 1994
DScPT, University of Maryland 2003

Certifications

Credentialed Clinical Instructor, American Physical Therapy Association 1997
Diplomate, American Board of Wound Management 1998
Certified Wound Specialist, #0520
Fellow of American College of Certified Wound Specialists 2005

Licensure

Physical Therapist, State of Maryland, #17936 1994
Physical Therapist, State of Delaware, #J1-0002704 2011

Employment History

Clinical

Staff Physical Therapist 1994-1996
Physical Therapist II 1996-1997
Senior Physical Therapist 1997-1999
Per-Diem Physical Therapist 1999
Johns Hopkins Hospital

Staff Physical Therapist 1996-1997
Johns Hopkins Home Care Group

Wound Care Consultant 1998-2002
Johnson and Johnson Medical, Inc.

Per-Diem Physical Therapist 2005
MedStar Health

Academic

Clinical Lab Assistant, Adjunct Faculty 1997-1999
Assistant Professor (Full-time) 1999-2011
Co-Director, Entry-level DPT Program 2005-2007
Director, Entry-level DPT Program 2007-2011
Vice Chair, Professional Degree Programs 2007-2011
Assistant Professor (Adjunct II) 2011-2016
University of Maryland School of Medicine

Department of Physical Therapy and Rehabilitation Science	
Adjunct Faculty, DSc Neurology Specialty Track	2001-2004
Associate Professor, DPT/OTD Programs	2010-2015
Rocky Mountain University of Health Professions	
Adjunct Faculty	2005
Winston-Salem State University	
School of Health Sciences	
Department of Physical Therapy	
Adjunct Instructor	2008-2010
George Washington University	
School of Health Care Sciences	
Department of Physical Therapy	
Guest Lecturer	2009-2010
Associate Professor	
Director, Doctorate in Physical Therapy Program	2011-present
Director, Master of Science in Anatomy and Clinical Health Science	2013-present
University of Delaware	
Department of Physical Therapy	
Allied Health Administration Capstone Advisor	2016-present
Rehab Essentials, tDPT Program	
University of Montana and University of South Florida	
Department of Physical Therapy	

Professional Memberships

Member, American Physical Therapy Association	1999-present
Acute Care, Education, and Oncology Sections	
Member, Maryland Chapter of American Physical Therapy Association	1999-2011
Member, Delaware Chapter of American Physical Therapy Association	2012-present

Honors and Awards

Clinical Instructor of the Year, New York State Clinical Education Consortium	1997
University of Maryland School of Medicine	
Department of Physical Therapy and Rehabilitation Science	
Outstanding Adjunct Faculty of the Year Award	2000
Outstanding Faculty of the Year Award	2002, 2003
Phi Kappa Phi Honors Society	
Teaching Excellence	2005
Mentor Award	2007
Acute Care Lecture Award, American Physical Therapy Association	2016

Grants

HSS-16-014-HNSC42215417000, Award Date 07-13-2016
 Healthcare Transformation through Innovative Training Tools: Enhancing Team-Delivered,
 Coordinated Care for Delawareans
Sponsor: Delaware Department of Health and Social Service
Projected Total Funding: 226,478

Award Date 05-2016
 Interprofessional Education Faculty Learning Community
Sponsor: Center for Teaching and Assessment of Learning, University of Delaware

Projected Total Funding: 4000

Administrative Service

University of Maryland School of Medicine, Department of Physical Therapy and Rehabilitation Science

Institutional Service (Department)

Member, Faculty/Staff/Student Affairs Committee	1999
Member, Educational Affairs Committee	1999-2002
Member, Entry-Level DPT Planning Task Force	1999-2002
Member, Transitional DPT Planning Task Force	2000-2002
Secretary, Faculty Practice Board of Directors	2001-2002
Member, Post-Professional DPT Committee	2001-2003
Faculty Liaison, UMBPT Alumni Association Executive Board	2002-2004
Interim Chair, Educational Affairs Committee	2002
Chair, Grievance Committee	2003-2004
Chair, Academic Advancement and Policy	2003-2011
Coordinator, Clinical Qualifying Measures	2004-2011
Member, Service Learning Clinic Advisory Board	2004-2011
Member, Area Health Education Centers (AHEC) Committee	2005-2011
Member, Admissions Committee	2006-2011
Chair, Curriculum Coordinating Committee	2006-2009
Member, Strategic Planning Steering Committee	2006-2008
Administrative Representative, Curriculum Coordinating Committee	2009-2011

Institutional Service (School of Medicine &/or Campus-Wide)

Alternate Member, Faculty Assembly	2003-2005
Member, Interdisciplinary Web Site Committee	2004-2008
Member, School of Medicine Appeals Committee	2004-2011
Member, Interdisciplinary Patient Management Competition Committee	2005-2013
Member, Educational Technology Committee Test Scoring Group	2007-2011
Member, University IT Steering Committee	2007-2011

University of Delaware, Department of Physical Therapy

Institutional Service (Department)

Co-Chair, Curriculum Committee	2011-present
Co-Chair, Admissions Committee	2011-present
Member, Professional Behaviors Committee	2011-present
Member, Search Committee	2011-present
Member, Graduate and Professional Education Committee	2011-present
Member, CHS Career Services Advisory Board	2014-present
Member, CTAL Assessment Network Committee	2016-present
Member, Life Science Advisory Committee	2016-present
Member, UD – VA Partnership (Education and Clinical) Committee	2017-present
Member, Interprofessional Education Faculty Learning Community	2017-present
Steering Committee, Center for Interprofessional Development, Education, and Research	2017-present
Chair, Search Committee Associate Director of Clinical Education	2017-2018

Institutional Service (College of Health Science &/or Campus-Wide)

Member, Board of Directors for University of Delaware Hillel	2012-2014
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Local and National Service

Clinical Advisory Committee	1997-2002
Maryland Chapter, National Multiple Sclerosis Society	
Editorial Advisory Board Member	2000-2004
<i>Acute Care Perspectives</i>	
Chair, Acute Care Clinical Competency Development Task Force	2000-2008
Acute Care Section of American Physical Therapy Association	
Subject Matter Expert, Acute Care Taskforce	2008-present
Acute Care Section of American Physical Therapy Association	

Member, Early Childhood Steering Committee Beth El Preschool, Baltimore, Maryland	2008-2009
Member, Religious School Steering Committee Beth El Religious School, Baltimore, Maryland	2009-2013
Member, Task Force on Clinical Education Private Practice Section of American Physical Therapy Association	2010-2016
Executive Board Member, Keep Punching Non-profit organization supporting research and activity participation for individuals with brain cancer	2013-present
Reviewer, Journal of Physical Therapy Education Education Section of American Physical Therapy Association	2013-present
Review Panel Member, Choosing Wisely American Physical Therapy Association	2015-present
Member, Education Leadership Partnership's Ad Hoc Committee on Clinical Education American Physical Therapy Association	2017
Member, Clinical Education Technology Workgroup American Physical Therapy Association	April 2018 - present
Judge, Health Occupations Students of America (HOSA-Future Health Professionals) State and International Leadership Conference	2018-present

Teaching Service

University of Maryland School of Medicine <u>Master of Physical Therapy Program</u> <u>Department of Physical Therapy and Rehabilitation Science</u> Course Director PTAB 501 – Medical and Surgical Aspects of Health Care I PTAB 511 – Management of the Integument PTAB 570 – Pharmacology	1997-2003
Course Co-Director PTAB 441 – Physical Therapy Treatment Procedures PTAB 550 – Assessment/Management of Geriatric Patient I PTAB 560 – Cardiopulmonary Disorders	
Lab Assistant PTAB 430 – Musculoskeletal Measurement (balance unit lecturer) PTAB 521 – Assessment/Management of Neurological Patient II PTAB 500 – Advanced Therapeutic Exercises	
<u>Entry-Level Doctor of Physical Therapy Program</u> <u>Department of Physical Therapy and Rehabilitation Science</u> Block Leader DPTE 513 – Basic Science Block II DPTE 516 – Medical Issues Block I DPTE 521 – Medical Issues Block II DPTE 530 – Clinical Qualifying Measures	2002-2011
Block Faculty DPTE 512 – Professional Issues Block I DPTE 514 – Basic Science Block III DPTE 522 – Musculoskeletal Block I DPTE 525 – Musculoskeletal Block II	
<u>Post-Professional DScPT and Transitional DPT Programs</u> <u>Department of Physical Therapy and Rehabilitation Science</u> Course Director (year 2002 only) PDPT 592 – Educational Methods and Materials for Patients and Professionals	2002-2007
Co-Instructor PDPT 543 – Essentials of Epidemiology	

Teaching Assistant/Lab Assistant PDPT 548 – Diagnosis and Screening Across the Lifespan	
<u>Medical Doctor Program</u> Group Facilitator Intimate Human Behavior	2000-2006
Rocky Mountain University of Health Professions <u>DSc Neurology Specialty Track</u> Course Director N 716 – Overview of Pharmacological Agents in Neuro-Rehab	2001-2004
<u>Transitional DPT / OTD Programs</u> Course Director CC 510.2 – Pharmacology	2010-present
Winston-Salem State University <u>Master of Physical Therapy Program</u> Course Director PHT 6203 - Pharmacology	2005
George Washington University <u>Doctor of Physical Therapy Program</u> Guest Lecturer	2008-2012
University of Delaware <u>Doctor of Physical Therapy Program</u> Guest Lecturer PHYT 631 – Physical Therapy in the Acute Care Environment Course Coordinator/Faculty of Record, Lecturer, and/or Lab Instructor PHYT 631 – Physical Therapy in the Acute Care Environment PHYT 801 – Medical Science I – General Medicine PHYT 632 – Applied Physiology I PHYT 807 – Emergency Responder and Advanced Seminar PHYT 620 – Educational Process in Community Health PHYT 600 – PT as a Profession PHYT 642/644 – Rounds II and IV PHYT 806 - Geriatrics	2009 – 2010 2011 - present
Lecturer PHYT 635 – Thermal Agents and Soft Tissue Techniques PHYT 830 – Introduction to Clinical Education	2011 - present
<u>The Johns Hopkins Hospital and University of Delaware Acute Care Residency</u> Faculty	2015-present

Publications

Journal Articles (Peer Reviewed)

1. Csyk, B.J., **Wruble, E.R.**, “A Deep Vein Thrombosis Prevention Program for Patients Undergoing Long Term Invasive Epilepsy Monitoring,” *Journal of Neuroscience Nursing*, 1996; 28 (5): 298-304.
2. **Wruble, E.R.**, Cooke, L.R., “Postsplenectomy Sepsis – A Complex Medical and Rehabilitative Challenge,” *Physical Therapy Case Reports*, January 2001; 4 (1): 14-21.
3. **Wruble, E.R.**, Bender, D.G., “Community Outreach to a Long-Term Care Facility in an Entry-Level Physical Therapist Curriculum,” *Journal of Physical Therapy Education*, Summer 2001; 15 (2): 46-49.
4. Volk, K.A., **Wruble, E.R.**, “Irradiation Side Effects and Their Impact on Physical Therapy,” *Acute Care Perspectives*, Spring/Summer, 2001; 10 (1-2): 11-13.
5. Esser, C., **Wruble, E.R.**, “A Literature Review of Solid Bone Cancers Occurring

- During Adulthood and the Implications for Physical Therapy,” *Acute Care Perspectives*, Spring/Summer, 2001; 10 (1-2): 30-35.
6. Walz, C., **Hakim, E.W.**, “Facilitating a Smooth Transition from The Acute Care Setting,” *Acute Care Perspectives*, Spring, 2002; 11 (1): 1-4.
 7. Muir, E., **Hakim, E.W.**, “A Clinical Approach to the Interpretation of Arterial Blood Gases,” *Acute Care Perspectives*, Spring, 2002; 11 (1): 5-10, 14.
 8. Naylor, M., **Hakim, E.W.**, “Chronic Pain: Implications for Physical Therapists and Patients in the Acute Care Setting,” *Acute Care Perspectives*, Spring, 2002; 11 (1): 20-25.
 9. Spitzer, A.L., **Hakim, E.W.**, “Rehabilitation Implications for the Patient with Lung Cancer in the Postoperative Management Phase,” *Acute Care Perspectives*, Winter, 2006; 15 (4): 1-9.
 10. Spitzer, A.L., **Hakim, E.W.**, “Parkinson’s Disease: The Interplay of Medical and Surgical Treatment Options with Physical Therapy,” *Acute Care Perspectives*, Winter, 2008; 17 (4): 8-15.
 11. Gorman, S.L., **Hakim, E.W.**, Johnson, W., Bose, S., Harris, K.S., Crist, M.H., Holtegreffe, K., Ryan, J.M., Simpson, M.S., Coe, J.B., “Nationwide Acute Care Physical Therapist Practice Analysis Identifies Knowledge, Skills, and Behaviors That Reflect Acute Care Practice,” *Physical Therapy*, October, 2010; 90 (10): 1453–1467.
 12. Reicherter, E.A., Gordes, K.L., Glickman, L.B. **Hakim, E.W.**, “Creating Disseminator Champions for Evidence-Based Practice in Health Professions Education: An Educational Case Report,” *Nurse Education Today*, Jul 2013; 33 (7): 751-756. <http://dx.doi.org/10.1016/j.nedt.2012.12.003>.
 13. **Hakim, E.W.**, Heitzman, J., “Wound Management in the Presence of Peripheral Arterial Disease,” *Topics in Geriatric Rehabilitation*, July-September, 2013; 29 (3):187-194.
 14. **Hakim, E.W.**, Moffat, M., Becker, E., Bell, K.A., Manal, T.J., Schmitt, L.A., Ciolek, C., “Application of Educational Theory and Evidence in Support of an Integrated Model of Clinical Education,” *Journal of Physical Therapy Education*, 2014; 28(Supplement 1): 13 – 21.
 15. **Hakim, E.W.**, Reicherter, A., “Bench to Bedside: Cultivating Student Champions and Clinician Super-Users of Evidence-Based Practice,” *Journal of Perioperative and Critical Intensive Care Nursing*, 2016; 2(1): 104. <http://www.omicsonline.org/open-access/bench-to-bedside-cultivating-student-champions-and-clinician-superusersof-evidencebased-practice-jpcic-1000104.pdf>.
 16. **Hakim, E.W.**, “Survival is not Enough,” *Journal of Acute Care Physical Therapy*, 2016; 7(4): 145-155.

Book Reviews

1. Myers, B.A. *Wound Management: Principles and Practice*. Prentice Hall, 2004.
2. Ciccone, C. *Pharmacology in Rehabilitation, 4th Edition*. FA Davis, 2007.
3. Myers, B.A. *Wound Management: Principles and Practice, 2nd Edition*. Prentice Hall, 2007.
4. McCulloch, J.M., Kloth, L.C. *Wound Healing: Evidence-Based Management, 4th Edition*. FA Davis, 2010.
5. Ciccone, C. *Davis’s Drug Guide for Rehabilitation Professionals*. FA Davis, 2013.

Manuscript Reviews

1. "Integrated Clinical Experiences in an Onsite Clinic: A Self-Contained Model of Clinical Education" for the *Journal of Physical Therapy Education* (2013).
2. “Measuring Competence, Anxiety and Confidence in First Year DPT Students during an Integrated Clinical Experience” for the *Journal of Physical Therapy Education* (2016).

Abstracts

1. **Wruble, E.R.**, Cooke, L.R., Hakim, D.J., “A Novel Approach to Training Debridement Skills in an Entry Level Physical Therapy Curriculum,” *Proceedings from the 16th Annual Clinical Symposium on Advances in Skin & Wound Care*, September, 2001.
2. **Wruble, E.R.**, Cooke, L.R., “An Innovative Educational Technique to Foster Clinical Management Strategies,” *Proceedings from the 16th Annual Clinical Symposium on Advances in Skin & Wound Care*, September, 2001.
3. **Hakim, E.W.**, Cooke, L.R., Hakim D.J., “Influence of Manufacturer Interaction on Student Perceptions and Clinical Decision Making,” *Proceedings from the 19th Annual Clinical Symposium on Advances in Skin and Wound Care*, October, 2004.
4. Cooper, L., Azizollahoff, E., Nudell, C., Lynch, A., Steiner, A., **Hakim, E.W.**, “Broadening the Perception of Function Beyond the Purely Physical Domain,” *Acute Care Perspectives*, Winter, 2006.

5. **Hakim, E.W.**, Huber, F. "Multimodal Summative Evaluation of DPT Curriculum," *The Internet Journal of Allied Health Sciences and Practice*, http://ijahsp.nova.edu/articles/vol5num2/hpers_abstracts_final.pdf, April, 2007.
6. **Hakim, E.W.**, "Changing Academic Culture and Practice to Improve Essential Communication Skills," *The Internet Journal of Allied Health Sciences and Practice*, http://ijahsp.nova.edu/articles/vol6num2/pdf/abstracts_2008.pdf, April, 2008: 6(2): 5.
7. **Hakim, E.W.**, "Transfer of Learning From Classroom to Clinic," *The Internet Journal of Allied Health Sciences and Practice*, http://ijahsp.nova.edu/articles/vol6num2/pdf/abstracts_2008.pdf, April, 2008: 6(2): 13.
8. Adams, J., Hakim, D.J., Myers, B.A., Horowitz, J., **Hakim, E.W.**, "A Critical Analysis of Existing Evidence on the Management of a Wound with Malignant Desmoplastic Melanoma and Neurofibromatosis: A Case Report," *Rehabilitation Oncology*, 2009; 27 (1).
9. Fazio, L., **Hakim, E.W.**, Arnold, J., Reicherter, E.A., Scheufele, L., Conroy, V., "Effect of the Combination of Strain-Counterstrain, Home Dilator Therapy, and Hamstring Stretching on Sexual Function for a Patient with Dyspareunia: A Case Report," *Journal of Women's Health Physical Therapy*, 2010: 34(1): 25-26.
10. Hawk, J., Reicherter, E., **Hakim, E.W.**, Geigle, P., "Multimedia Technology in an Entry DPT Curriculum: Promoting Efficiency and Effectiveness to Maximize Student Learning," *Physical Therapy*, 2010, http://www.apta.org/AM/abstracts/pt2010/abstractsPt.cfm?m_id=28503
11. Hakim, D., Cooke, L.R., Myers, B., Horowitz, J., **Hakim, E.W.**, "Ascertaining the Effectiveness and Safety of Contact low-Frequency Ultrasound (LFU) in an Acute, Post-Surgical Wound with Exposed Hardware," *Journal of Acute Care Physical Therapy*, 2010: 1(1): 39-40.
12. Tarr, K.M., **Hakim, E.W.**, "A Comprehensive Physical Therapy Approach for a Premature Infant in the Neonatal Intensive Care Unit (NICU): Aligning with the Evidence," *Journal of Acute Care Physical Therapy*, 2010: 1(1): 40.
13. Russell, T., Conroy, V., **Hakim, E.W.**, "Physical Therapy Outcomes Following Total Knee Arthroplasty (TKA) Using a Minimally Invasive Midvastus Approach With Flexed Knee Primary Closure: A Case Report," *Journal of Acute Care Physical Therapy*, 2010: 1(2): 81.
14. **Hakim, E.W.**, Schmitt, L.A., "Moving Towards a Living, Breathing Acute Care Curriculum," *Journal of Acute Care Physical Therapy*, 2011: 2(3): 125-126.
15. Schmitt, L.A., Manal, T.J., **Hakim, E.W.**, "Many Faces of Simulation: Physical Therapist, Nursing, and Theater Student Collaboration," *Journal of Acute Care Physical Therapy*, 2011: 2(3): 129.
16. **Hakim, E.W.**, "Complexities of Care, Challenging Content, and Culture Clashes," *Journal of Acute Care Physical Therapy*, 2012: 3(3): 250.
17. Stewart, E.S., **Hakim, E.W.**, Shumrak, G., "Ready for Residency?" *Journal of Acute Care Physical Therapy*, 2014: 5(3): 141-142.
18. Stewart, E.S., **Hakim, E.W.** "Teams that Walk the Talk," *Journal of Acute Care Physical Therapy*, 2014: 5(3): 142.

Major Invited Speeches

Continuing Education Courses

1. **Wruble, E.R.**, "Functional Implications of Brain Tumors" provided as section content within course entitled "Adult Brain Tumors: New Treatments and Their Impact on Patients and Families," Johns Hopkins Hospital, Baltimore, Maryland, April, 1997.
2. **Wruble, E.R.**, "Wound Classification" provided as section content within course entitled "Physical Management of Slow to Heal Wounds," Rehabilitation Services of MedStar Health, Baltimore, Maryland, October, 2000.
3. **Hakim, E.W.**, "Oncology Rehabilitation" provided as section content within course entitled "Oncology Symposium," Rehabilitation Services of MedStar Health, Baltimore, Maryland, November, 2003.
4. **Hakim, E.W.**, "Basics of Pharmacotherapeutics: The Impact of Analgesics and Anti-Inflammatory Medications on Patient Performance in Physical Therapy," American Physical Therapy Association, Maryland Chapter, Parkville, Maryland, April, 2004.
5. **Hakim, E.W.**, "Rehabilitation Challenges in the Acute Care Setting: Blending Medicine and Rehabilitation Together," American Physical Therapy Association, Maryland, Chapter, Baltimore, Maryland, March, 2005.

Invited Presentations

1. **Hakim, E.W.**, “Physical Therapy Implications of Pharmacotherapeutics,” American Physical Therapy Association, Pennsylvania Chapter, South Central District, Hershey, Pennsylvania, May, 2004.
2. Bose, S., Biggs, K.S., Crist, M.H., Gorman, S.L., **Hakim, E.W.**, Holtgreffe, K., Pugh, W.J., Ryan, J., Simpson, M.S., “Forum on Acute Care Physical Therapy Specialization,” Combined Sections Meeting of the American Physical Therapy Association, Las Vegas, Nevada, February, 2009.
3. Bose, S., Crist, M.H., Gorman, S.L., **Hakim, E.W.**, Harris, K.B., Holtgreffe, K., Pugh, W.J., Ryan, J., Simpson, M.S., “Report on Acute Care Physical Therapy Practice Analysis,” Combined Sections Meeting of the American Physical Therapy Association, San Diego, California, February, 2010.
4. Crist, M.H., Gorman, S.L., **Hakim, E.W.**, Harris, K.B., Holtgreffe, K., Johnson, W., Ryan, J., “Forum on Acute Care Practice Analysis: Where We Are Going Next,” Combined Sections Meeting of the American Physical Therapy Association, New Orleans, Louisiana, February, 2011.
5. Gorman, S.L., Crist, M., Ryan, J.M., Harris, K.S., Holtgreffe, K., Johnson, W., **Hakim, E.W.**, Keehn, M., Bernier, P., “Furthering Acute Care Practice: Subject Matter Expert Task Force Forum,” Combined Sections Meeting of the American Physical Therapy Association, Chicago, Illinois, February, 2012.
6. **Hakim, E.W.**, “Survival is not Enough,” Combined Sections Meeting of the American Physical Therapy Association, Anaheim, California, February, 2016.

Podcasts

1. Malone, D., **Hakim, E.W.**, “Physical Therapist Practice in the ICU: Growing Evidence, Growing Demand,” Physical Therapy Journal, April 21, 2016. <http://ptjournal.apta.org/content/ptj-podcasts>; <http://www.apta.org/PTinMotion/News/2016/4/21/PTJPodcastRoundupApril2016/>

Proffered Communications

International Poster Presentations (Peer-Reviewed)

1. **Hakim, E.W.**, Gordon, C., Trovato, J., Rowthorn, V., Blumenthal, J., “An Educational Activity to Cultivate Interprofessional Collaborative Practice,” NETNEP 2012: 4th International Nurse Education Conference, Baltimore, Maryland, June, 2012.
2. Reicherter, E.A., **Hakim, E.W.**, “Creating Disseminators of Evidence-Based Practice in Health Professions: A Success Story,” NETNEP 2012: 4th International Nurse Education Conference, Baltimore, Maryland, June, 2012.
3. Schmitt, L., Manal, T., Cowperthwait, A., Carlsen, A., **Hakim, E.W.**, “Simulation as a Collaborative Educational Exercise for Nursing, Physical Therapy, and Theatre Students,” NETNEP 2012: 4th International Nurse Education Conference, Baltimore, Maryland, June, 2012.
4. Bell, K.A., Stewart, E., Holler, J., Khoroshan, E., Anderson, A., **Hakim, E.W.**, “Cultivating the Healthcare Profession: The Value of Peer-Guided Learning in Developing a Culture of Communication, Collaboration, and Consultation,” 2nd International Conference and Exhibition on Physical Medicine and Rehabilitation, Baltimore, Maryland, July, 2014.
5. Shumrak, G., Stewart, E., **Wruble Hakim, E.**, “The Johns Hopkins Hospital Acute Care Physical Therapy Residency Program: Rising to the Challenge of the Triple Aim,” 2nd International Conference and Exhibition on Physical Medicine and Rehabilitation, Baltimore, Maryland, July, 2014.
6. Burgess, T., Zock, R., Stewart, E., **Hakim, E.**, “Incorporating Lift Systems into Therapeutic Interventions: Breaking the Myths of Dependency,” 2nd International Conference and Exhibition on Physical Medicine and Rehabilitation, Baltimore, Maryland, July, 2014.
7. Stewart, E., Schmitt, L., **Hakim, E.W.**, “Early Simulation as a Tool to Prepare Doctor of Physical Therapy Students for Collaborative Practice,” 2nd International Conference and Exhibition on Physical Medicine and Rehabilitation, Baltimore, Maryland, July, 2014.
8. Coyle, P., Ciolek, C., **Wruble, E.**, “Using the ICF Model for Improving Student Participation in Their Professional Organization,” 2nd International Conference and Exhibition on Physical Medicine and Rehabilitation, Baltimore, Maryland, July, 2014.
9. Blackinton, M.T, Deutscher, D., Horn, C., Tepper, S., **Wruble Hakim, E.**, “Variance Reduction in Physical Therapy Education,” World Confederation for Physical Therapy Congress 2017, Cape Town, South Africa, June, 2017.

National Program and Platform Presentations (Peer-Reviewed)

1. **Wruble, E.R.**, Cooke, L.R., “Physical Therapy Management of Integumentary, Musculoskeletal and Psychosocial Sequelae from Postsplenectomy Pneumococcal Sepsis,” Combined Sections Meeting of the American Physical Therapy Association, Boston, Massachusetts, February, 1998.
2. **Hakim, E.W.**, Cooke, L.R., Hawk, J., “Website Development as Content and Technology Assessment,” Sun Conference on Teaching and Learning, El Paso, Texas, March, 2005.
3. Farrell, E.B., Bessette, C., Nadeau, L., Stacey, J., Wohlberg, M., **Hakim, E.W.**, “Student Interdisciplinary Collaboration: Prelude to Excellence in Acute Care Practice,” Combined Sections Meeting of the American Physical Therapy Association, San Diego, California, February, 2006.
4. **Hakim, E.W.**, Hakim, D.J., Kalil, E.T., Cooke, L.R., “Challenges to Clinical Decision Making in Light of Promotional Influences,” Sun Conference on Teaching and Learning, El Paso, Texas, March, 2006.
5. **Hakim, E.W.**, Huber, F. “Multimodal Summative Evaluation of DPT Curriculum,” Health Professions Educational Research Symposium, Ft. Lauderdale, Florida, January, 2007.
6. Cooper, L., Azizollahoff, E., Nudell, C., Lynch, A., Steiner, A., **Hakim, E.W.**, “Broadening the Perception of Function Beyond the Purely Physical Domain,” Combined Sections Meeting of the American Physical Therapy Association, Boston, Massachusetts, February, 2007.
7. **Hakim, E.W.**, Moerchen, V., “Integrated Pediatric Curriculum in a Hybrid, Lifespan-based Program,” Combined Sections Meeting of the American Physical Therapy Association, Boston, Massachusetts, February, 2007.
8. **Hakim, E.W.**, “Transfer of Learning From Classroom to Clinic,” Health Professions Educational Research Symposium, Ft. Lauderdale, Florida, January, 2008.
9. **Hakim, E.W.**, “Changing Academic Culture and Practice to Improve Essential Communication Skills,” Health Professions Educational Research Symposium, Ft. Lauderdale, Florida, January, 2008.
10. **Hakim, E.W.**, “Beyond the Web of Noise and Tangles: Heightening the Standards for Competent ICU Practice,” Combined Sections Meeting of the American Physical Therapy Association, Nashville, Tennessee, February, 2008.
11. **Hakim, E.W.**, “Lessons Learned from Patient Satisfaction Reviews,” Combined Sections Meeting of the American Physical Therapy Association, Nashville, Tennessee, February, 2008.
12. Reicherter, E.A., Gordes, K.L., Kalil, E.T., **Hakim, E.W.**, “The Use of the Case Report to Promote the Development and Dissemination of Evidence-Based Practice by Doctor of Physical Therapy Students,” Educational Leadership Conference of the American Physical Therapy Association, Clearwater, Florida, October, 2011.
13. Reicherter, E.A., **Hakim, E.W.**, Kalil, E.T., Gordes, K.L., “Promoting Development and Dissemination of Evidence-based Practice Skills of Doctor of Physical Therapy (DPT) Students: An Educational Case Report,” Combined Sections Meeting of the American Physical Therapy Association, Chicago, Illinois, February, 2012.
14. Manal, T.J., Bell, K.A., Schmitt, L.A., **Hakim, E.W.**, “The Clinical Classroom: Collaborating to Deliver a Curriculum Without Walls,” Educational Leadership Conference of the American Physical Therapy Association, Greenwich, Connecticut, October, 2012.
15. **Hakim, E.W.**, “Complexities of Care, Challenging Content, and Culture Clashes,” Combined Sections Meeting of the American Physical Therapy Association, San Diego, California, January, 2013.
16. Bell, K.A., Ciolek, C., **Hakim, E.W.**, “Innovation in Clinical Education Performance: An Algorithm for Standardized Decision-Making Interventions for Optimal Student Outcomes,” Educational Leadership Conference of the American Physical Therapy Association, Portland, Oregon, October, 2013.
17. Bell, K.A., Ciolek, C., **Hakim, E.W.**, “Imparting the Art and Science of Teaching to the Educators of the Future,” Combined Sections Meeting of the American Physical Therapy Association, Las Vegas, Nevada, February, 2014.
18. Shumrak, G., Friedman, M., **Hakim, E.W.**, “The Johns Hopkins Hospital Complex Medicine Residency Program: Paving the Way to Specialized Practice,” Combined Sections Meeting of the American Physical Therapy Association, Las Vegas, Nevada, February, 2014.
19. Reicherter, E.A., **Hakim, E.W.**, Glickman, L.G., Neely, L.C., Stover, S.L., “Developing Sustainable Experiences in Under-Resourced Communities: Achieving Program, Curricular, and Clinical Education Goals in Physical Therapist Education,” Educational Leadership Conference of the American Physical Therapy Association, Kansas City, Missouri, October, 2014.
20. Stewart, E., **Hakim, E.W.**, “Teams that Walk the Talk,” Combined Sections Meeting of the American Physical Therapy Association, Indianapolis, Indiana, February, 2015.

21. Stewart, E., Steinhorn, G., **Hakim, E.W.**, “Ready for Residency?”, Combined Sections Meeting of the American Physical Therapy Association, Indianapolis, Indiana, February, 2015.
22. **Hakim, E.W.**, Stewart, E.S., Ciolek, C., Foeller, C., Johnson, D., Roth, W., Kelleher, C., “Power of Partnership Between Academia and Clinical Education, Part 1,” NEXT Conference and Exposition of the American Physical Therapy Association, National Harbor, Maryland, June, 2015.
23. Foeller, C., Stewart, E.S., **Hakim, E.W.**, Johnson, D., Blem, T., Dubroff, S., “Power of Partnership Between Academia and Clinical Education, Part 2,” NEXT Conference and Exposition of the American Physical Therapy Association, National Harbor, Maryland, June, 2015.
24. Campo, M., Pickett, L., Zock, R., Burgess, T., Stewart, E.S., **Hakim, E.W.**, “Patient Handling Technologies from Clinic to Classroom through the Continuum of Care, Part 1,” NEXT Conference and Exposition of the American Physical Therapy Association, National Harbor, Maryland, June, 2015.
25. Stewart, E.S., **Hakim, E.W.**, Burgess, T., Zock, R., Pickett, L., Campo, M., “Patient Handling Technologies from Clinic to Classroom through the Continuum of Care, Part 2,” NEXT Conference and Exposition of the American Physical Therapy Association, National Harbor, Maryland, June, 2015.
26. Bell, K.A., Ciolek, C.H., Foeller, C., **Hakim, E.W.**, “Integrating Clinical Experiences in the Curriculum,” NEXT Conference and Exposition of the American Physical Therapy Association, National Harbor, Maryland, June, 2015.
27. Bell, K.A., Ciolek, C.H., Foeller, C., **Hakim, E.W.**, “The DCE Toolbox: The Nuts and Bolts of Integrated Clinical Experiences,” NEXT Conference and Exposition of the American Physical Therapy Association, National Harbor, Maryland, June, 2015.
28. Stewart, E.S., **Hakim, E.W.**, Funk, C., Tigani, L., Recek, K., Rose, C., “Preparing to ‘Go Live’ with the 2:1 Model,” Educational Leadership Conference of the American Physical Therapy Association, Baltimore, Maryland, October, 2015.
29. Foeller, C., Kyak, C., Pedini, C., **Hakim, E.W.**, “Have we been Outsmarted by our Smart Technologies?,” Educational Leadership Conference of the American Physical Therapy Association, Baltimore, Maryland, October, 2015.
30. Hickey, M.A., Stewart, E., **Hakim, E.W.**, “CPR or DNR: Revive or Abandon Current Acute Care Curricular Approaches? Part 1,” Combined Sections Meeting of the American Physical Therapy Association, Anaheim, California, February, 2016.
31. **Hakim, E.W.**, Hickey, M.A., Stewart, E., “CPR or DNR: Revive or Abandon Current Acute Care Curricular Approaches? Part 2,” Combined Sections Meeting of the American Physical Therapy Association, Anaheim, California, February, 2016.
32. Stewart, E., Steinhorn, G., Rossi, J., **Hakim, E.W.**, “Why? The Question of All Questions to Promote Clinical Reasoning Amongst Students and Clinicians,” Educational Leadership Conference of the American Physical Therapy Association, Phoenix, Arizona, October, 2016.
33. Tepper, S., Blackinton, M.T., **Hakim, E.W.**, “A Brave New World in PT Education: A Case for Variance Reduction in Instruction,” Educational Leadership Conference of the American Physical Therapy Association, Phoenix, Arizona, October, 2016.
34. **Hakim, E.W.**, Johnson, D., Stewart, E., “Visioning and Implementing a Sustainable Clinical Education Program within a Large Healthcare Network,” Educational Leadership Conference of the American Physical Therapy Association, Phoenix, Arizona, October, 2016.
35. Stewart, E., Tigani, L., **Hakim, E.W.**, “The 2:1 Clinical Education Model in Acute Care: Tools for Success, not Stress,” Fall Conference and Student Conclave of the American Physical Therapy Associations of the District of Columbia, Delaware, and Maryland, College Park, Maryland, November, 2016.
36. Hickey, M., Stewart, E., Halbert, J., **Hakim, E.W.**, “Clinicians as Educators: Engaging the Right People in the Right Way,” Combined Sections Meeting of the American Physical Therapy Association, San Antonio, Texas, February, 2017.
37. Steinhorn, G., Friedman, M., Ricard, P., Stewart, E., **Hakim, E.W.**, “The Acute Care Clinician’s Toolkit on Residencies and Fellowships,” Combined Sections Meeting of the American Physical Therapy Association, San Antonio, Texas, February, 2017.
38. Stewart, E., **Hakim, E.W.**, Hickey, M., “I Have a Dream, That One Day Soon, All Acute Care Curriculum Will....,” Combined Sections Meeting of the American Physical Therapy Association, San Antonio, Texas, February, 2017.
39. **Hakim, E.W.**, Stewart, E., Kurfuerst, S., Hickey, M., “The Value Proposition: Developing Academic-Clinical Partnerships,” Combined Sections Meeting of the American Physical Therapy Association, San Antonio, Texas, February, 2017.

40. **Hakim, E.W.**, Foeller, C., Becnel-Guzzo, J., Jannarone, A., "Acute Care Academics: Speaking About the Unspoken," Combined Sections Meeting of the American Physical Therapy Association, San Antonio, Texas, February, 2017.
41. Blackinton, M.T., **Hakim, E.W.**, "Online Education by Content Experts: Case for Variance Reduction," NEXT Conference and Exposition of the American Physical Therapy Association, Boston, Massachusetts, June 2017.
42. **Hakim, E.W.**, Stewart, E., Hickey, M., "Hospital-Based Physical Therapy Practice: Dinosaur or Bald Eagle?" NEXT Conference and Exposition of the American Physical Therapy Association, Boston, Massachusetts, June 2017.
43. Foeller, C., Stewart, E.S., Bell, K.A., **Hakim, E.W.**, "Matching Students to Clinical Sites: Best Practice or Practice in Futility?" Educational Leadership Conference of the American Physical Therapy Association, Columbus, Ohio, October, 2017.
44. Stewart, E.S., Recek, K., Funk, C., Uhler, M., **Hakim, E.W.**, "The 2 : 1 Model of Clinical Education: Debunking Myths with Data," Educational Leadership Conference of the American Physical Therapy Association, Columbus, Ohio, October, 2017.
45. Kurfuerst, S., Stewart, E.S., Mears, A., **Hakim, E.W.**, "Value in Kind: Creating a Leadership Win," Educational Leadership Conference of the American Physical Therapy Association, Columbus, Ohio, October, 2017.
46. **Hakim, E.W.**, Jannarone, A., Becnel-Guzzo, J., Foeller, C., "Rethinking Admissions: Impact of Disability Rights / ADA," Educational Leadership Conference of the American Physical Therapy Association, Columbus, Ohio, October, 2017.
47. Gorman, S., **Hakim, E.W.**, Hickey, M., "Best Practices in Clinical Education Report: Impact on Acute Care Education," Combined Sections Meeting of the American Physical Therapy Association, New Orleans, LA, February, 2018.
48. Gorman, S., Stewart, E., **Hakim, E.W.**, "Developing Debriefing Divas and Dudes," Combined Sections Meeting of the American Physical Therapy Association, New Orleans, LA, February, 2018.
49. Foeller, C.S., Becnel-Guzzo, J., Jannarone, A., **Hakim, E.W.**, Tessitore, K., "Academic Remediation: Legal and Resource Considerations," Combined Sections Meeting of the American Physical Therapy Association, New Orleans, LA, February, 2018.
50. Rossi, J., Pedini, C., Stewart, E., **Hakim, E.W.**, "The Community Hospital: No Longer the Stepchild of the Academic Medical Center," Combined Sections Meeting of the American Physical Therapy Association, New Orleans, LA, February, 2018.
51. Stewart, E., Denny, J., Blem, T., Dubroff, S. **Hakim, E.W.**, "Positive, Possible, and Productive: Innovations in Clinical Education," Combined Sections Meeting of the American Physical Therapy Association, New Orleans, LA, February, 2018.
52. Murdock, K., Stewart, E., Wells, C.L., Hiser, S., **Hakim, E.W.**, "Preparing Thinking Skills for the 21st Century Acute Care PT," Combined Sections Meeting of the American Physical Therapy Association, New Orleans, LA, February, 2018.
53. Stanhope, M.M., Pinckney, A.N., Stewart, E., **Hakim, E.W.**, "Intraprofessional Collaboration: Innovations in Simulation to Promote PT-PTA Teamwork," Educational Leadership Conference of the American Physical Therapy Association, Jacksonville, FL, October, 2018.
54. Foeller, C.S., **Hakim, E.W.**, "A Curricular Model to Develop Leadership Attitudes and Actions in Students," Educational Leadership Conference of the American Physical Therapy Association, Jacksonville, FL, October, 2018.
55. Michalec, B., **Hakim, E.W.**, Foeller, C.S., "The Value and Impact of Interprofessional Training in Empathy and Affect Recognition in Developing Empathic Resilience," Educational Leadership Conference of the American Physical Therapy Association, Jacksonville, FL, October, 2018.
56. **Hakim, E.W.**, Foeller, C.S., "Remediation Toolbox: Finally...the Instruction Manual!" Educational Leadership Conference of the American Physical Therapy Association, Jacksonville, FL, October, 2018.
57. Miller, T.P., Costello, E., **Hakim, E.W.**, Shoaf, L.D., Lebec, M.T., Tepper, S.H., "How can Academic Leadership Drive Excellence in Online Education?" Educational Leadership Conference of the American Physical Therapy Association, Jacksonville, FL, October, 2018.
58. Gorman, S., Stewart, E., **Hakim, E.W.**, "Dynamic Debriefing: Maximizing the Impact of Innovative Simulation Activities," Educational Leadership Conference of the American Physical Therapy Association, Jacksonville, FL, October, 2018.
59. Hickey, M., Gorman, S., **Hakim, E.W.**, "Securing the Future of Acute Care Physical Therapy Clinical Education," Combined Sections Meeting of the American Physical Therapy Association, Washington, DC, January, 2019.

60. Stewart, E.S., **Hakim, E.W.**, Foeller, C.S., “Distance Doesn’t Ruin Academic-Clinical Partnerships, Doubt Do,” Combined Sections Meeting of the American Physical Therapy Association, Washington, DC, January, 2019.
61. Foeller, C.S., Stewart, E.S., **Hakim, E.W.**, “‘Best-Fit’ Matching: The Scholarship of Clinical Education,” Combined Sections Meeting of the American Physical Therapy Association, Washington, DC, January, 2019.
62. Gorman, S., Thomas, E., Hickey, M., Stewart, E., **Hakim, E.W.**, “Future Momentum: Pushing Limits on Simulation to Maximize Student Preparation,” Combined Sections Meeting of the American Physical Therapy Association, Washington, DC, January, 2019.
63. Exum, E., Steinhorn, G.S., Lee, S., **Hakim, E.W.**, Ragsdale, J., “Acute Care Residencies: Multiple Models, Multiple Triumphs, Unified Vision,” Combined Sections Meeting of the American Physical Therapy Association, Washington, DC, January, 2019.
64. Foeller, C.S., Jannarone, A., Becnel-Guzzo, J., **Hakim, E.W.**, “How Far Does Our Legal Obligation Extend to Support Students in Distress?” Combined Sections Meeting of the American Physical Therapy Association, Washington, DC, January, 2019.
65. **Hakim, E.W.**, Hakim, D., Zuahili, B., “Updates on Vascular Assessment and Surgery for the Wound Healing Clinician,” Combined Sections Meeting of the American Physical Therapy Association, Washington, DC, January, 2019.

National Poster Presentations (Peer-Reviewed)

1. **Wruble, E.R.**, Cooke, L.R., Hakim, D.J., “A Novel Approach to Training Debridement Skills in an Entry-Level Physical Therapy Curriculum,” Combined Sections Meeting of the American Physical Therapy Association, San Antonio, Texas, February, 2001.
2. **Wruble, E.R.**, Cooke, L.R., “An Innovative Educational Technique to Foster Clinical Management Strategies,” Combined Sections Meeting of the American Physical Therapy Association, San Antonio, Texas, February, 2001.
3. **Hakim, E.W.**, “An Outreach Endeavor to Foster the Development of Community Service Behaviors in Student Physical Therapists,” Combined Sections Meeting of the American Physical Therapy Association, Boston, Massachusetts, February, 2002.
4. **Wruble, E.R.**, Cooke, L.R., “An Innovative Educational Technique to Foster Clinical Management Strategies,” 15th Annual Clinical Symposium on Advanced Wound Care and the 12th Annual Medical Research Forum on Wound Repair, Baltimore, Maryland, April, 2002.
5. **Hakim, E.W.**, Cooke, L.R., Hakim, D.J., “Use of Porcine Specimens for Performance-Based Practice of Wound Care Intervention Skills,” 15th Annual Clinical Symposium on Advanced Wound Care and the 12th Annual Medical Research Forum on Wound Repair, Baltimore, Maryland, April, 2002.
6. **Hakim, E.W.**, Cooke, L.R., Hakim, D.J., “Influence of Manufacturer Interaction on Student Perceptions and Clinical Decision Making,” 8th Annual Wound Care Congress, New Orleans, Louisiana, September, 2004.
7. **Hakim, E.W.**, Cooke, L.R., Hakim, D.J., “Influence of Manufacturer Interaction on Student Perceptions and Clinical Decision Making,” 19th Annual Clinical Symposium on Advances in Skin and Wound Care, Phoenix, Arizona, October, 2004.
8. **Hakim, E.W.**, Cooke, L.R., Hakim, D.J., “Exploring the Influence of Student Physical Therapist Interactions with Medical Sales Representatives,” Combined Sections Meeting of the American Physical Therapy Association, New Orleans, Louisiana, February, 2005.
9. Farrell, E.B., Bessette, C., Nadeau, L., Wohlberg, M., **Hakim, E.W.**, “An Active Learning Experience to Promote Interdisciplinary Collaboration Prior to Clinical Internship,” Spring Meeting of the Maryland Chapter of the American Physical Therapy Association, Silver Spring, Maryland, May, 2006.
10. Cooper, J.L., Azizollahoff, E., Nuddell, C., Lynch, A., **Hakim, E.W.**, “Analyzing Sexuality and Intimacy from Personal and Professional Perspectives,” Spring Meeting of the Maryland Chapter of the American Physical Therapy Association, Silver Spring, Maryland, May, 2006.
11. Adams, J., Hakim, D., Horowitz, J., **Hakim, E.W.**, “Management of a Postoperative Surgical Wound Complicated by Neurofibromatosis and Malignant Desmoplastic Melanoma,” Spring Meeting of the Maryland Chapter of the American Physical Therapy Association, Catonsville, Maryland, May, 2008.
12. Azizollahoff, E., Scheufele, L., **Hakim, E.W.**, “A Conservative Therapy Approach for the Treatment of Incontinence and Pelvic Pain,” Spring Meeting of the Maryland Chapter of the American Physical Therapy Association, Catonsville, Maryland, May, 2008.

13. Hakim, D., Horowitz, J., Adams, J., Myers, B., **Hakim, E.W.**, "Utilizing Existing Evidence and Multidisciplinary Expertise to Successfully Heal a Wound with Desmoplastic Melanoma and Neurofibromatosis: A Case Report," Clinical Symposium on Advances in Skin and Wound Care, Las Vegas, Nevada, October, 2008.
14. Taitt, M., **Hakim, E.W.**, "Are Pulmonary Rehabilitation Interventions Effective in Improving Dyspnea and Activity Capacity in a Hospitalized Patient with COPD Exacerbation? A Case Report," Fall Meeting of the Maryland Chapter of the American Physical Therapy Association, Arnold, MD, November, 2008.
15. Olson, S., Crandell, K., Kalil, E.T., **Hakim, E.W.**, "Improving the Balance and Functional Mobility of a Patient Post T7-8 Decompression in the Sub-Acute Rehabilitation Setting," Fall Meeting of the Maryland Chapter of the American Physical Therapy Association, Arnold, MD, November, 2008.
16. Adams, J., Hakim, D.J., Myers, B.A., Horowitz, J., **Hakim, E.W.**, "A Critical Analysis of Existing Evidence on the Management of a Wound with Malignant Desmoplastic Melanoma and Neurofibromatosis: A Case Report," Combined Sections Meeting of the American Physical Therapy Association, Las Vegas, Nevada, February, 2009.
17. Martin, L., Ljung, B., **Hakim, E.W.**, "The Impact of Medical Complications on Functional Performance in a Patient with a Central Cord Spinal Cord Injury: A Case Report," Spring Meeting of the Maryland Chapter of the American Physical Therapy Association, Baltimore, Maryland, May, 2009.
18. Tarr, K., **Hakim, E.W.**, "Implementation of Evidence-Based Interventions to Promote Development and Organization in the Neonatal Intensive Care Unit (NICU): A Case Report," Spring Meeting of the Maryland Chapter of the American Physical Therapy Association, Baltimore, Maryland, May, 2009.
19. Ulino, A., Osburn, C., **Hakim, E.W.**, "Environmental and Physiologic Influences on Varied Mobility Strategies for a Child with Myelomeningocele: A Case Report," Spring Meeting of the Maryland Chapter of the American Physical Therapy Association, Baltimore, Maryland, May, 2009.
20. Hakim, D.J., Myers, B.A., Cooke, L.R., **Hakim, E.W.**, "A Retrospective Analysis of the Efficacy of Adjuvant Non-Contact, Low-Frequency Ultrasound Therapy on Wound Pain," Physical Therapy 2009: American Physical Therapy Association's Annual Conference and Exposition, Baltimore, Maryland, June, 2009.
21. Lyon, T., Griffith, W., Bauman, B., Geigle, P.R., **Hakim, E.W.**, "SOS: Students Overseeing Students in Professional Development," Physical Therapy 2009: American Physical Therapy Association's Annual Conference and Exposition, Baltimore, Maryland, June, 2009.
22. Hakim, D.J., Myers, B.A., Cooke, L.R., **Hakim, E.W.**, "A Retrospective Analysis of the Efficacy of Adjuvant Non-Contact, Low-Frequency Ultrasound Therapy on Wound Pain," Symposium on Advanced Wound Care, Washington, DC, September, 2009.
23. Hakim, D.J., Myers, B.A., Cooke, L.R., **Hakim, E.W.**, "A Retrospective Analysis of the Efficacy of Adjuvant Non-Contact, Low-Frequency Ultrasound Therapy on Wound Pain," Diabetic Limb Salvage 09 Conference, Washington, DC, September, 2009.
24. Tarr, K., **Hakim, E.W.**, "A Comprehensive Physical Therapy Approach for a Premature Infant in the Neonatal Intensive Care Unit (NICU): Aligning with the Evidence," Combined Sections Meeting of the American Physical Therapy Association, San Diego, California, February, 2010.
25. Hakim, D.J., Cooke, L.R., Myers, B.A., Horowitz, J., **Hakim, E.W.**, "Ascertaining the Effectiveness and Safety of Contact Low-Frequency Ultrasound (LFU) in an Acute, Post-Surgical Wound with Exposed Hardware," Combined Sections Meeting of the American Physical Therapy Association, San Diego, California, February, 2010.
26. Mason, A.U., Osburn, C., **Hakim, E.W.**, "Utilizing Motor Learning Approaches to Improve Mobility Outcomes in Dynamic Environments for a Child with Myelomeningocele: A Case Report," Combined Sections Meeting of the American Physical Therapy Association, San Diego, California, February, 2010.
27. Fazio, L., **Hakim, E.W.**, Arnold, J., Reicherter, E., Conroy, V., "Effect of the Combination of Strain-Counterstrain, Home Dilator Therapy, and Hamstring Stretching on Sexual Function for a Patient with Dyspareunia: A Case Report," Combined Sections Meeting of the American Physical Therapy Association, San Diego, California, February, 2010.
28. Hawk, J., Reicherter, E., **Hakim, E.W.**, Geigle, P., "Multimedia Technology in an Entry DPT Curriculum: Promoting Efficiency and Effectiveness to Maximize Student Learning," Physical Therapy 2010: American Physical Therapy Association's Annual Conference and Exposition, Boston, Massachusetts, June, 2010.
29. Mulhare, M., O'Steen, L., Sibiski, S., Geigle, P., **Hakim, E.W.**, Reicherter, E.A., Brandt, B., "Framework for Student-Provided Service to Underserved Populations: Interdisciplinary

- Implementation at a Geriatric Community in Baltimore City,” Annual Conference of the Maryland Gerontological Association, Catonsville, Maryland, June, 2010.
30. Hakim, D.J., Cooke, L.R., Myers, B.A, Horowitz, J., **Hakim, E.W.**, “Ascertaining the Effectiveness and Safety of Contact Low-Frequency Ultrasound (LFU) in an Acute, Post-Surgical Wound with Exposed Hardware,” Diabetic Limb Salvage 10 Conference, Washington, DC, October, 2010.
 31. Russell, T., Conroy, V., **Hakim, E.W.**, “Physical Therapy Outcomes Following Total Knee Arthroplasty (TKA) Using a Minimally Invasive Midvastus Approach With Flexed Knee Primary Closure: A Case Report,” Combined Sections Meeting of the American Physical Therapy Association, New Orleans, Louisiana, February, 2011.
 32. Conroy, V.M., **Hakim, E.W.**, Mulhare, M., O’Steen, L., Sibisky, S., Reicherter, E.A., “Interdisciplinary Student-Provided Service to Underserved Populations: Implementation at a Geriatric Community in Baltimore, Maryland,” Physical Therapy 2011: American Physical Therapy Association’s Annual Conference and Exposition, National Harbor, Maryland, June, 2011.
 33. Arini, M., Bak, S., **Hakim, E.W.**, “Lower Extremity Functional Rehabilitation Following Cervical Decompression: A Case Report,” Fall Annual Conference of the Maryland Chapter of the American Physical Therapy Association, Annapolis, Maryland, September, 2011.
 34. Schmitt, L.A., Manal, T.J., **Hakim, E.W.**, “Many Faces of Simulation: Physical Therapist, Nursing, and Theater Student Collaboration,” Combined Sections Meeting of the American Physical Therapy Association, Chicago, Illinois, February, 2012.
 35. **Hakim, E.W.**, Schmitt, L.A., “Moving Towards a Living, Breathing Acute Care Curriculum,” Combined Sections Meeting of the American Physical Therapy Association, Chicago, Illinois, February, 2012.
 36. Bell, K.A., Larkin, S., Manal, T.J., **Hakim, E.W.**, “Implementation of a Clinical Decision-Making Algorithm for Clinical Instructors to Determine Student Progression in a Clinical Experience,” Physical Therapy 2012: American Physical Therapy Association’s Annual Conference and Exposition, Tampa, Florida, June, 2012.
 37. Ryan, M., **Hakim, E.W.**, “Early Initiation of Neuromuscular Electrical Stimulation Following Total Knee Arthroplasty: Evidence to Maximize Function,” Johns Hopkins Medicine’s 2nd Annual Rehabilitation Therapy Services Clinical Showcase, Baltimore, Maryland, November, 2012.
 38. Coyle, P., **Hakim, E.W.**, “Managing Cancer-Related Fatigue: Recommendations for Monitoring and Rehabilitation,” Johns Hopkins Medicine’s 2nd Annual Rehabilitation Therapy Services Clinical Showcase, Baltimore, Maryland, November, 2012.
 39. Ciolek, C.H., **Hakim, E.W.**, “Analysis of Critical Incident Reports on the Physical Therapy Clinical Performance Instrument in an Entry-Level Doctor of Physical Therapy Program,” Physical Therapy 2013: American Physical Therapy Association’s Annual Conference and Exposition, Salt Lake City, Utah, June, 2013.
 40. Shumrak, G., Friedman, M., **Hakim, E.W.**, “The Johns Hopkins Hospital Complex Medicine Residency Program: Paving the Way to Specialized Practice,” Johns Hopkins Medicine’s 3rd Annual Rehabilitation Therapy Services Clinical Showcase, Baltimore, Maryland, November, 2013.
 41. Drumm, P., **Hakim, E.W.**, “Multisystem Consideration of HIV and AIDS upon Physical Therapy Management: An Evidence-Based Review,” Johns Hopkins Medicine’s 3rd Annual Rehabilitation Therapy Services Clinical Showcase, Baltimore, Maryland, November, 2013.
 42. Henderson, C., **Hakim, E.W.**, “Evidence Based Acute Care Management of Patients Status Post Total Knee Arthroplasty,” Johns Hopkins Medicine’s 3rd Annual Rehabilitation Therapy Services Clinical Showcase, Baltimore, Maryland, November, 2013.
 43. Schmitt, L.A., Ciolek, C.H., **Hakim, E.W.**, “Hospital-Based Clinical Experiences – Need to Have or Nice to Have?” Combined Sections Meeting of the American Physical Therapy Association, Las Vegas, Nevada, February, 2014.
 44. Holler, J., Khoroshan, E., Anderson, A., Bell, K.A., Stewart, E., Kwok, A., **Hakim, E.W.**, “A Culture of Collaboration Made Meaningful Through Student-Directed SWiB (Study with Buddies) Sessions and Clinical Mentorship,” NEXT Conference and Exposition of the American Physical Therapy Association, Charlotte, North Carolina, June, 2014.
 45. Shumrak, G., Stewart, E., **Hakim, E.W.**, “The Johns Hopkins Hospital Acute Care Physical Therapy Residency Program: Rising to the Challenge of the Triple Aim,” Johns Hopkins Medicine’s 4th Annual Rehabilitation Therapy Services Clinical Showcase, Baltimore, Maryland, October, 2014.
 46. Capin, J., Stewart, E., **Hakim, E.W.**, “Passive Movements (PMs) and Early Mobilization in the Intensive Care Unit (ICU),” Johns Hopkins Medicine’s 4th Annual Rehabilitation Therapy Services Clinical Showcase, Baltimore, Maryland, October, 2014.
 47. Reicherter, E., Glickman, L., Neely, L., Horn, L., **Hakim, E.W.**, “Developing Sustainable Experiences in Under-Resourced Communities in the Baltimore Area: Achieving Program,

- Curricular, and Clinical Education Goals in Physical Therapist Education,” Johns Hopkins Medicine’s 4th Annual Rehabilitation Therapy Services Clinical Showcase, Baltimore, Maryland, October, 2014.
48. Holler, J., Khoroshan, E., Anderson, A., Bell, K.A., Stewart, E., Kwok, A., **Hakim, E.W.**, “A Culture of Collaboration Made Meaningful Through Student-Directed SWiB (Study with Buddies) Sessions and Clinical Mentorship,” Johns Hopkins Medicine’s 4th Annual Rehabilitation Therapy Services Clinical Showcase, Baltimore, Maryland, October, 2014.
 49. Bell, K.A., Arundale, A., Ciolek, C., Foeller, C., **Hakim, E.W.**, “Comparison of Clinical Performance Rating Tools for Integrated Clinical Experiences: A Preliminary Analysis,” Combined Sections Meeting of the American Physical Therapy Association, Indianapolis, Indiana, February, 2015.
 50. Stewart, E., Cowperthwait, A., **Hakim, E.W.**, “Facilitator Quantity versus Feedback Quality: Academic Considerations,” Interprofessional Simulation Conference at Widener University, Chester, Pennsylvania, July, 2015.
 51. Cowperthwait, A., Stewart, E., **Hakim, E.W.**, “Inter-Professional Education: Now Stronger and Better,” Interprofessional Simulation Conference at Widener University, Chester, Pennsylvania, July, 2015.
 52. Sprague, A., Blem, T., Wood, M., Stewart, E., **Hakim, E.W.**, “Marking Mobility Across Disciplines: A Quality Improvement Initiative,” Johns Hopkins Medicine’s 5th Annual Rehabilitation Therapy Services Clinical Showcase, Baltimore, Maryland, October, 2015.
 53. Cowperthwait, A., Stewart, E., **Hakim, E.W.**, “Inter-Professional Education: Now Stronger and Better,” Johns Hopkins Medicine’s 5th Annual Rehabilitation Therapy Services Clinical Showcase, Baltimore, Maryland, October, 2015.
 54. Tigani, L., Palmieri, T., Funk, C., Stewart, E., Neely, L., **Hakim, E.W.**, “Outcomes of Clinical Instructor Effort and Productivity with Implementation of the 2 Students: 1 Clinical Instructor Clinical Education Model in the Acute Care Setting,” Combined Sections Meeting of the American Physical Association, Anaheim, California, February, 2016.
 55. Steinhorn, G., Stewart, E., **Hakim, E.W.**, “Acute Care Residency Development: A Professional Obligation,” 2016 Regional PT Conference and Student Conclave of the American Physical Therapy Associations of the District of Columbia, Delaware, and Maryland, College Park, Maryland, November, 2016.
 56. Tessitore, K., Foeller, C., **Hakim, E.W.**, “Promoting Self-Betterment Through Awareness, Remediation, and Reflection: A Case Study,” 2016 Regional PT Conference and Student Conclave of the American Physical Therapy Associations of the District of Columbia, Delaware, and Maryland, College Park, Maryland, November, 2016.
 57. McClain, N., Laugesen, M.C., Stewart, E., **Hakim, E.W.**, “An Ever Better Web of Student Support: Enhancing the Study with Buddies (SWiB) Initiative,” 2016 Regional PT Conference and Student Conclave of the District of Columbia, Delaware, and Maryland, College Park, Maryland, November, 2016.