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Mary S. Knab, DPT, PhD
Center for Interprofessional Studies and Innovation MGH Institute of Health Professions 36 1<sup>st</sup> Avenue Boston, MA 02129-4557 (617) 724-6398 mknab@mghihp.edu

# **Education**

Ludeation	
PhD (Education; Interdisciplinary Studies), Lesley University School of Education, Cambridge, MA Dissertation:  Knab M (2012). Reflection in Physical Therapy Practice: A Phenomenological	2012
Inquiry into Oral and Written Narratives. Proquest LLC (UMI Number 3554737)	
DPT (Physical Therapy), MGH Institute of Health Professions, Boston, MA	2002
MS (Physical Therapy), Texas Woman's University, Houston, TX Masters Thesis:  Knab M (1982). Effect of Cigarette Smoke Inhalation on the Nerve Conduction Velocity of the Ulnar Nerve, Texas Woman's University, Houston, TX.	1982
BA, Biology/Chemistry (Summa Cum Laude), Franciscan University of Steubenville, Steubenville, OH	1979
Licensure and Certification	
Commonwealth of Massachusetts, Physical Therapy License, #5375	1984-present
Academic Appointments	
Assistant Professor, MGH Institute of Health Professions, Boston, MA	1995-present
Adjunct Senior Lecturer, Faculty of Medicine, Nursing and Health Sciences, Monash University, Melbourne, VIC, Australia	2015-present
Adjunct Faculty, Graduate Program in Physical Therapy, MGH Institute of Health Professions, Boston, MA	1989-1995
Lecturer, Department of Physical Therapy, Boston University Sargent College of Allied Health Professions, Boston, MA	1990
Laboratory Assistant, Department of Physical Therapy, Simmons College, Boston, MA	1989
Clinical Appointments	
Specialist, Physical and Occupational Therapy Services, Massachusetts General Hospital, Boston, MA	2008-present
Clinical Associate, Physical Therapy Services, Massachusetts General Hospital, Boston, MA	2000-2007
Physical Therapist, Department of Physical Therapy, Spaulding Rehabilitation Hospital, Boston, MA	1984-1994

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1982-1984

Physical Therapist, Department of Physical Therapy, Memorial City Hospital,

Houston, TX **Administrative Appointments** Director of IMPACT Practice, Center for Interprofessional Studies and 2015-present Innovation, MGH Institute of Health Professions, Boston, MA Special Projects Coordinator, MS in Health Professions Education Program. 2012-2014 Center for Interprofessional Studies and Innovation, MGH Institute of Health Professions, Boston, MA Interim Associate Chair for Curriculum, Department of Physical Therapy, MGH 2012-2013 Institute of Health Professions, Boston, MA Director of Clinical Education. Department of Physical Therapy, MGH Institute of 1995-2007 Health Professions, Boston, MA Project Manager, Management Consulting Service, Spaulding Rehabilitation 1994-1995 Hospital, Boston, MA Acting Director, Burbank-Spaulding Rehabilitation Center, Fitchburg, MA 1994 Acting Director, Department of Physical Therapy, Spaulding Rehabilitation 1991-1992 Hospital, Boston, MA Assistant Director for Professional Development, Department of Physical 1990-1994 Therapy, Spaulding Rehabilitation Hospital, Boston, MA Supervisor for Education and Training, Department of Physical Therapy, 1986-1990 Spaulding Rehabilitation Hospital, Boston, MA Center Coordinator for Clinical Education (CCCE), Department of Physical 1986-1990 Therapy, Spaulding Rehabilitation Hospital, Boston, MA **Honors and Awards** Adopt-A-Doc Scholarship Award – nationally competitive dissertation fellowship 2012 awarded by Education Section of the American Physical Therapy Association Partners in Excellence Awards (Partners Healthcare System) – PIE awards recognize excellence of team and individual contributions to quality service. teamwork, innovation and operational efficiency Individual Award, Leadership and Innovation, MGH Institute of Health 2013 **Professions** Team Award, Team Leader, Interprofessional Model for Patient- and Client-2013 centered Teams (IMPACT) Taskforce, MGH IHP Team Award, Physical & Occupational Therapy Services Functional 2013 Outcome Reporting, Massachusetts General Hospital Team Award, Team Member, 2CC Construction and Operational Team 2012 Team Award, Team Member, Physical Therapy Center for Clinical Education 2010 and Health Promotion Planning Team Team Award, Team Member, Desire2Learn Implementation 2009 Team Award, Team Leader, DPT Clinical Decision Making Task Force 2006

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Team Award, Team Leader, Clinical Instructors	2005
Entry-Level DPT Program Curriculum Committee (team member)	2005
The Team for Interdisciplinary Education (team member)	2005
Team Award, Team Leader, Project YODA ("Your Own Database Access" – Datatel conversion)	2004
Team Award, Team Member, Entry-level DPT Accreditation Team	2004
Team Award, Team Leader, Physical Therapy Clinical Education Team	2003
Team Award, Team Member, Interdisciplinary Clinical Seminar Team	2001
Individual Award MGH IHP	2000
Academic Excellence in Physical Therapy – graduate with top ranked GPA, MS in Physical Therapy, Texas Woman's University	1982
Graduate, Summa Cum Laude, Texas Woman's University	1982
Outstanding Graduate Award, Biology Department, Franciscan University of Steubenville – graduating student with top ranked GPA	1979
Who's Who in American Universities	1979
Graduate, Summa Cum Laude, Franciscan University of Steubenville	1979
Alpha Chi Honor Society, Franciscan University of Steubenville	1977-1979
Grants	
Current	
HRSA 14-066, Patricia Reidy (PI)  Interprofessional Healthcare Partnership: Collaboration for Chronic Care Management  \$962,000 (July 1, 2014 - June 30, 2017)  Role: Curriculum Development (25% effort)	2014-2017
MGH Executive Committee on Teaching and Education (ECOTE), Guardia Banister (PI)  Developing Clinical Faculty to Support Interprofessional Education and Collaborative Practice: An Academic-Practice Partnership Portney \$28,750  Role: Co-investigator	2015 - 2016
Completed  MGH Institute of Health Professions Changing Courses Grant, Marianne Beninato (PI)  Reconstructing Human Gross Anatomy based on Constructivist Learning	2012-2013

Date revised: 10/13/15

Role: Consultant for pedagogical design

\$5,000

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American Physical Therapy Association, Leslie Portney (PI)

2002-2004

Investigation of Alternative Models of Physical Therapist Professional Clinical Education: A Proposal to Study Implementation of a One-Year Clinical Internship in Physical Therapy

Funding award: \$60,000 Role: Co-investigator

Product developed as part of contract for funded work: Portney L, Knab M, Applebaum, D. *Clinical Internship Resource Guide.* APTA Department of

Education, Alexandria, VA, 2004

#### **Publications**

#### Peer-reviewed articles

(in press) Cahn P, Bzowyckyj A, Collins L, Dow A, Goodell K, Johnson A, Klocko D, **Knab M**, Parker K, Reeves S, Zierler B. A Design Thinking Approach to Evaluating Interprofessional Education. Journal of Interprofessional Care

Greenfield BH, Jensen GM, Delany CM, Mostrom E, **Knab M**, Jampel A. The Power and Promise of Narrative for Advancing Physical Therapist Education and Practice. Physical Therapy, 2015 Jun; 95(6): 924-33. [ISSN: 0031-9023 PMID: 25524869]

Cable C, **Knab M**, Tham KY, Navedo D, Armstrong E.. Why Are You Here? Needs Analysis of an Interprofessional Health Education Graduate Degree Program. Advances in Medical Education and Practice, 2014, 5:83-88 [http://www.ncbi.nlm.nih.gov/pubmed/24748830]

Portney, LG, **Knab, M**. Implementation of a year-long paid clinical internship in physical therapy. Journal of Physical Therapy Education, 2001, 15(4): 31-35

#### **Books, Book Chapters, Proceedings**

Portney L, Knab M, Applebaum, D. *Clinical Internship Resource Guide*. APTA Department of Education, Alexandria, VA, 2004

#### Online materials

Friedman, A, Wise, H, **Knab, M** & Delitto, A 2014, 'Rothstein roundtable podcast— "Interprofessionalism: Is it campfire kumbaya, or the means to the triple aim (better health, better care, lower cost)?" *Physical Therapy*, vol 94, no. 12, pp. 1696. doi: 10.2522/ptj.2014.94.12.1696

#### Peer-Reviewed Poster/Oral Presentations

#### International Conferences (\*selected for oral presentation)

Ong SY, Lim WS, Tan N, **Knab M**, Farrell S. Efficiency: Perceived barrier to interprofessional education. 13<sup>th</sup> Asia Pacific Medical Education Conference (APMEC), Singapore (Conference **Merit Award** recipient)

Portney L, **Knab M**, Cahn P, Johnson A. Beyond IPEC: Developing Core
Competencies for Professional Practice. Collaborating Across Borders V
Conference, Roanoke, VA

**Knab M**, Khan Y, Doherty R, Cahn P. Service Learning Included: Overcoming 2014 Barriers to IPE by Repurposing an Existing Community Day Event. All Together Better Health VII Conference, Pittsburgh, PA

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Cable C, Knab M, Tham KY, Navedo D, Armstrong E. Why Are You Here? 2013 Needs Analysis of an Interprofessional Health Education Graduate Degree Program\*, 8th International Medical Education Conference, Kuala Lumpur, Malaysia **National Conferences** (\*selected for oral presentation) Hunsaker E, Reidy P, Baldwin J, Doherty R, Gall G, Knab, M. Interprofessional 2015 Healthcare Partnership: First Steps in Establishing a Graduate School-Based Clinic. American Speech and Hearing Association, Annual Conference, Denver, CO Doherty R, **Knab M**, Cahn P. Pre-matriculation to Practice: A Common 2015 Reading Program as a Shared Reference Point for Interprofessional Education. American Occupational Therapy Association Annual Conference & Expo, Nashville, TN Cahn P, Lauzon Clabo L, Johnson A, Knab M, Portney L. Try, Try Again: An 2014 Ongoing Effort to Require Interprofessional Education at a Graduate Health Sciences School. Interprofessional Education Collaborative Institute, Herndon, VA Beninato M, Haladay D, **Knab M**. Reconstructing a Human Gross Anatomy 2014 Course Based on Constructivist Learning Theory. APTA Combined Sections Meeting, Las Vegas, NV **Knab M.** Interdisciplinary Grand Rounds: A Model Interprofessional Learning 2006 Activity\*, Association of Schools of Allied Health Professions Annual Meeting, Chicago, IL Jampel A, Knab M. Fostering Clinical Instructor Development Through a Small 2005 Group Case Analysis Format\*, APTA Combined Sections Meeting, New Orleans, LA Portney L, Knab M, Applebaum D. Report on grant funded project, 2003 Investigation of Alternative Models of Physical Therapist Clinical Education. National Clinical Education Conference, Philadelphia, PA Knab M, Portney L. Analysis of data from the clinical performance instrument 2002 (CPI) for students in beginning, middle and final clinical experiences. APTA Combined Sections Meeting, Boston, MA **Knab M**, Portney L. A yearlong paid clinical internship in physical therapy: a 2002 successful model. Graduate Programs in Physical Therapy. APTA Combined Sections Meeting, Boston, MA Jampel A, **Knab M**. Re-thinking Collaborative Learning in Clinical Education: 1999 Challenging Assumptions and Creating Possibilities. APTA Combined Sections Meeting, Seattle, WA Gandevia P, Knab M, Cohen L. Clinical Instructor Training: Academic and 1998 Clinical Collaboration. APTA Scientific Meeting and Exposition, Orlando, FL Knab M. Sullivan M. Kaufman R: A Model for Professional Development of 1990 Physical Therapy Staff. APTA, Annual Conference, Anaheim, CA, 1990; Massachusetts Chapter, APTA, Annual Meeting, Hyannis, MA

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Kaufman R, <b>Knab M</b> , Sullivan M: The Role of the Clinical Teacher in the Professional Development of the Entry Level Clinician. APTA Annual Conference, Anaheim, CA; and Massachusetts Chapter, APTA, Annual Meeting, Hyannis, MA	1990
Dossa A, <b>Knab M</b> . The Validity of Post Exercise Radial Pulse Palpation as an Indicator of Peak Exercise Heart Rate. APTA, Annual Conference, Anaheim, CA	1990
<b>Knab M</b> , Jampel A, Matesanz N, Leikauskas J: Teaching Clinical Decision Making: A Model for Clinical Instructor Development. APTA, Annual Meeting, Nashville, TN; and Massachusetts Chapter, APTA, Annual Meeting, Falmouth, MA, 1989	1989
ABSTRACT: <i>Phys Ther</i> 69: 401 (S 027), 1989	
Sullivan M, <b>Knab M</b> : Staff Rotation: A Model for Recruitment, Retention and Professional Development of Physical Therapists. Section for Rehabilitation, Conference of the American Hospital Association, Houston, TX	1989
Dossa A, <b>Knab M</b> : A Model for Facilitating Physical Therapy Research in the Clinic. APTA, Annual Conference, Nashville, TN ABSTRACT: <i>Phys Ther</i> 69: 398 (S 007), 1989	1989
ABSTRACT. Phys Ther 09. 390 (3 007), 1909	
Dossa A, <b>Knab M.</b> Validity of Post Exercise Pulse Palpation as an Indicator of Peak Exercise Heart Rate (Platform Presentation). APTA, Annual Conference; and Massachusetts Chapter, APTA, Annual Meeting, Falmouth, MA (1990) ABSTRACT: <i>Phys Ther</i> 69: 394 (R 187), 1989	1989
Regional Conferences (*selected for oral presentation)	
Cunningham S, <b>Knab M</b> . Case Report: Professional Development of a Novice Physical Therapist. APTA of Massachusetts, Annual Conference, Norwood, MA	2011
<b>Knab M</b> . Reflective practice: A phenomenological case study of physical therapy practice in one academic medical center*. Community of Scholars: A Celebration of Research and Inquiry at Lesley University, Cambridge, MA	2010
Jampel A, Portney L, <b>Knab M</b> . An exploration of the use of collaborative learning in physical therapy clinical education*. Southern New England Tri-State Meeting of the American Physical Therapy Association, Strubridge, MA	2001
Portney L, <b>Knab M</b> , Mahnke R, Demianczyk M, Labell B, Piver TE. Relationship between physical, psychological and social factors and falling in the elderly. Southern New England APTA 1998 Conference and Exposition, Newport, RI	1998
Ellis T, Harris BA, <b>Knab M</b> : Use of a Model of Orthopaedic Dysfunction for Clinical Decision Making: A Case Study Analysis. (Poster) Annual Conference, APTA, Boston, MA	1991
ABSTRACT: Phys Ther 71 (Supp):S 002, 1991	
wited Presentations: University or Professional Organization	

# **Invited Presentations: University or Professional Organization**

# International

Narrative Approaches to Assessment of Educational Outcomes, Monash University, Melbourne, Australia 2015

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# **National**

	National	
	Radcliffe Institute Exploratory Seminar: <i>Evaluating Interprofessional Education</i> . Seminar Leader: Peter Cahn, PhD, Cambridge, MA	2015
	Role: Invited Participant in seminar applying design thinking to solution generation	
	Rothstein Roundtable Interprofessionalism: Is it Campfire Kumbaya, or the means to the triple aim (better health, better care, lower cost)? NEXT, Annual Meeting of the American Physical Therapy Association. Charlotte, NC	2014
	Transforming Clinical Education: A Working Session to Strengthen Academic/Clinical Partnerships and to Enhance Clinical Mentoring. APTA Combined Sections Meeting, San Diego, CA, February 4, 2006; PT 2006 Annual Conference, Orlando, FL, June 22, 2006; APTA Combined Sections Meeting, Boston, MA	2007
	Consensus Conference, Advancement and Recognition for the Physical Therapist in a Doctoring Profession, APTA Education Division, Alexandria, VA Role: Invited Member Consultant	2003
	Consensus Conference on Clinical Education, <i>Clinical Education: Dare to Innovate</i> , APTA Education Division, Alexandria, VA Role: Invited Member Consultant,	1998
	· · · · · · · · · · · · · · · · · · ·	
	Writing a Self Study Using the New Evaluative Criteria: A Model to Follow. Education Section of the APTA, Academic Administrators Special Interest Group, Fall meeting Philadelphia, PA	1998
	APTA Task Force on Clinical Decision-Making. Colloquium on Teaching Clinical Decision Making, Session I: Ways of Thinking. American Physical Therapy Association, Annual Conference, Denver, CO	1992
	Regional	
	A Yearlong Clinical Internship Model for Physical Therapy: Implementation Challenges and Rewards. Program in Physical Therapy, Arcadia University, Philadelphia, PA	2002
	Integrating Clinical Education into a Physical Therapy Curriculum. University of Vermont Physical Therapy Clinical Educators Meeting, Burlington, VT	1999
	Developing and Implementing Paid Clinical Internships in Physical Therapy. Invited speaker/consultant. Program in Physical Therapy, Sacred Heart University, Fairfield, CT	1998
In	vited Presentations: Hospital Based	
	Introduction to The Guide to Physical Therapist Practice. Spaulding Rehabilitation Hospital, Boston, MA	2000
	Clinical Performance Instrument: Maximizing Effectiveness of Student Assessment in the Clinic. Department of Physical Therapy	2000
	Preparing for the Role of Clinical Instructor: A Beginning Course. Department of Physical Therapy	1999
	Incorporating Collaborative Learning Methods into Clinical Education.  Department of Rehabilitation Services	1998

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Converting to the Clinical Performance Instrument: Maximizing Effectiveness of Student Assessment in the Clinic. Department of Rehabilitation Services, Boston Medical Center, Boston, MA

Implementing the 2:1 and Other Collaborative Education Models in P.T.

Physical Therapy Department, Boston VA Medical Center, Boston, MA

Use of Collaborative Learning in Clinical Education. Inservice, Department of Rehabilitation Services, Mt. Auburn Hospital, Cambridge, MA

#### **Educational Activities**

# INTERNAL: Courses developed/taught at MGH Institute of Health Professions

# **IMPACT Practice**

HP 818 IMPACT I: Interprofessional Practice	2013-present
HP 819 IMPACT II: Interprofessional Projects	2015-present
MS in Health Professions Education Program	
HP 742 Innovations Seminar	2011-present
HP 743 Convocation Seminar	2012-2015
HP 716 Synthesis in Teaching and Learning	2011
HP 715 Designing, Implementing, and Evaluating Program Learning Environments	2010

# Post-professional Masters in Physical Therapy program

PT657 Teaching Procedural Interventions	2011-2013
PT601 Clinical Management II	2010
PT600 Clinical Management I	2009

#### Professional (entry-level) program in Physical Therapy

` ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	
PT727 Psychology of Disability and Illness	2005-2013
PT791, 792, 793 Health Promotions Projects – across 3 semesters	2004-2011
PT626 Teaching and Learning	2002-2013
PT 681 Professional Issues I – content in teaching and learning, and communication)	1995-2004
PT606 Professional Socialization (guest lecturer professional behavior, learning styles, therapeutic relationships; and coordinator of clinical exposure)	1995-2010
PT 661 Clinical Seminar & Practicum I (Prior to 2004: PT631 Field Experience I)	1995-2007
PT 761 Clinical Seminar & Practicum II (Prior to 2004: PT632 Field Experience II)	1995-2007
PT761 Clinical Seminar & Practicum III (Prior to 2004: PT 733 Field Experience III)	1995-2007
PT762 Practicum IV (Prior to 2004: PT 733 Field Experience III)	1995-2005

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PT676 Clinical Experience I (Prior to 2004: PT635 Clinical Experience I)	1995-2007
PT770 Clinical Experience II (Prior to 2004: PT636 Clinical Experience II)	1995-2007
PT780 Clinical Internship (Prior to 2004: PT835 Clinical Internship)	1995-2007
Continuing Professional Development Courses	
Leadership in Interprofessional Education – A symposium sponsored by MGH Institute of Health Professions in collaboration with Partners Healthcare International	2015
MGH PT and OT Services: Educational Projects	
Project Pipeline (Jampel A, <b>Knab M</b> , Matesanz N, Sullivan M,) – new approach to orienting MGH PT and OT staff	2007-2011
Narrative Rounds ( <b>Knab M</b> , Jampel A, Sullivan M) – pilot expanding the use of written stories form practice as vehicle for shared construction of knowledge in PT and PT practice	2011-2013
MGH PT & OT Functional Outcome Reporting (Jampel A, <b>Knab M</b> , and content experts)	2013
<b>ONLINE multimedia modules and courses</b> (Developed for MGH Physical and Occupational Therapy Services and published online in HealthStream)	
MGH OT Billing and Coding (Knab M, Jampel A, Fishbein R, Evans J)	2010
MGH PT Billing and Coding ( <b>Knab M</b> , Jampel A, Fishbein R, Evans J)	2010
MGH PT Vital Signs (Knab M, Jampel A, Mulgrew J)	2011
MGH PT and OT Quality and Safety Program ( <b>Knab M</b> , Jampel A, and content experts). With sub modules: Overview & Framework; Patient Identification; Healthcare Associated Infection; Environment of Care; Communication; Medication Safety; Pain Assessment	2011
MGH PT and OT: Inpatient Information and Communication Systems ( <b>Knab M</b> , Jampel A, and content experts)	2012
MGH PT Orientation: Student ( <b>Knab M</b> , Jampel A)	2013
MGH PT Orientation: Intern ( <b>Knab M</b> , Jampel A)	2013
MGH PT Orientation: Clinician (Knab M, Jampel A)	2013
MGH PT and OT Orientation: Clinical Support Staff (Knab M, Jampel A)	2013
EXTERNAL Educational/Teaching Activities	
Peer Reviewed Educational Sessions – selected for conference/seminar prog	ramming
National Level Knab M, Jampel A, Jensen G, Greenfield B. Clinical Narrative as a Tool for Exploring and Eastering Professional Development and Critical Reflection	2014

Exploring and Fostering Professional Development and Critical Reflection. Daylong Pre-Conference Course. American Physical Therapy Association

Date revised: 10/13/15

Combined Sections Meeting, Las Vegas, NV

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Lof G, <b>Knab M</b> . Preparing Students for Interprofessional Collaborative Practice: A Curriculum Model. Oral Presentation. Council of Academic Programs in Communication Sciences and Disorders (CAPCSD) Annual Conference, Orlando, FL	2014
<b>Knab M</b> , Jampel A, Turner K. Narrative Rounds: A Social Construction of Knowledge through Group Reflection on Stories of Clinical Practice APTA Educational Leadership Conference, Clearwater, FL	2011
Grove C, <b>Jampel A</b> , Jensen G, Knab M, Mostrom E, Schick K, Sullivan M. Capturing Practical Knowledge in Clinical Practice through Narrative Inquiry: Clinical Narratives as a Tool for Exploring and Fostering Professional Development and Critical Reflection, APTA Annual Meeting and Exposition, San Diego, CA	2010
Lake D, Portney L, <b>Knab M</b> . Educational Research As A Way to Build a	2009
Scholarly Agenda. APTA Annual Meeting, Baltimore, MD Heller C, <b>Knab M</b> , Allen-Lyall B, Czekanski T, Grubert A, Shaked V. An Inquiry Into Novice-to-Expert Growth for Students of Qualitative Research: A Study of Ourselves in One Graduate Student Setting. Panel Presentation. Ethnography in Education Research Forum, Philadelphia, PA	2007
Stratford D, <b>Knab M</b> . Managing Clinical Affiliations as an Information Resource. Association of Schools of Allied Health Professions Annual Meeting, Houston, TX	2005
<b>Knab M</b> , Applebaum, D. Implementation of a One-Year Clinical Internship in Physical Therapy: Investigation of Alternative Models of Physical Therapist Professional Education. APTA Combined Sections Meeting, New Orleans, LA	2005
<b>Knab M</b> , Applebaum, D. Implementing Yearlong Clinical Internships in Physical Therapy Professional Education. APTA Annual Meeting and Scientific Exposition, Boston, MA	2005
Portney L, <b>Knab M</b> , Applebaum, D. Implementation of a One-Year Clinical Internship in Physical Therapy: Investigation of Alternative Models of Physical Therapist Professional Clinical Education. APTA Education Section's Academic Administrators Special Interest Group Annual Meeting, St. Louis,	2004
MO Knab M. The Clinical Performance Instrument: Everything You Always Wanted To Know, and Now Can Ask. Education Section, Combined Sections Meeting, Boston, MA	2002
Knab M, Jampel A. What Drives Clinical Education Decision-Making? Education Section Programming, APTA Combined Sections Meeting, San Antonio, TX	2001
Knab M, Jampel A. Clinical Education in the Future, Thinking Outside the Box.	2000
APTA Combined Sections Meeting, New Orleans, LA Portney L, <b>Knab M</b> , Arslanian L, Sullivan M, Zachazewski J. Administrative and Educational Issues in the Implementation of a Yearlong Paid Clinical Internship for Entry-level Students. APTA Scientific Meeting and Exposition, Washington, DC	1999
Kaufman R, <b>Knab M</b> : Arriving at Sound Clinical Decisions: A Model for Skill Development in a Clinical Setting. Colloquium on Teaching Clinical Decision Making, APTA, Annual Meeting, Denver, CO.	1992
<b>Knab M</b> , Kaufman R: Problem Solving: A Model for Skill Enhancement in a Clinical Setting. APTA, Annual Conference, Boston, MA	1991
<b>Knab M</b> , Jampel A, Matesanz N, Leikauskas J: Teaching Clinical Decision Making: A Model for Clinical Instructor Development. APTA, Annual Meeting, Nashville, TN	1989

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#### Regional Level

Telles-Ribeiro B, Jouet-Pastre C, Guimares M, **Knab M**. Cultural competence in assessing health problems in the United States: An example from a Brazilian community in the Boston area. Panel Presentation. Educational Studies Research Conference, Lesley University, Cambridge, MA

# **University Courses Taught (External)**

#### International

MEU9003 S2: Assessment in the Health Professions
Monash University, Melbourne, Australia.
Lecturer and Discussion and Project Group facilitator

### Regional

PTMS 325 Principles of Education and Learning.

Department of Physical Therapy, Springfield College.

Guest Lecturer: Clinical Supervision Skills - Managing the Clinical Environment

Physical Therapy Interventions with the Neurologically Impaired Client

Physical Therapy Department, Boston University Sargent College of Allied

Health Professions, Boston, MA

Guest Lecturer

# **Continuing Professional Development Courses Developed/Taught (External)**

#### International

Health Professionals as Educators and Leaders (Partners Healthcare International (PHI) project developed for National Healthcare Group (NHG) Health Professionals, Singapore.

2013-2015

2015

Four module curriculum to advance level of health professions education across the system by preparing an interprofessional group of educator leaders.

Module 2: Educational Assessment and Program Evaluation (weeklong, 38 hour, intensive course) -- In addition to facilitating project group, micro teaching and journal club, developed and taught session on:

Nov. 2014

Aug. 2013

- Assessment Principles and Frameworks for Assessment
- Workplace Based Assessment
- Establishing Standards for Performance
- Using Narrative Data for Assessment

Module 1: Teaching A New Generation Of Inter-Professional Learners May 2014 (weeklong, 38 hour, intensive course) -- In addition to facilitating project group, micro teaching and journal club, developed and taught sessions on:

- Teaching at the Bedside
- Teaching a Mixed Group of Learners
- Writing About Educational Scholarship
- Teaching with an Interprofessional Partner
- "My" Piece of the Curriculum
- Addressing the Hidden Curriculum
- Using Narrative Reflection for Learning

#### National

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Program for Post-Graduate Trainees: Future Academic Clinician-Educators. A 2013, 2014, program developed and offered by Harvard Macy Institute. 2015 Teaching responsibilities include: Educating for Change in Inter-Professional Collaborative Practice—elective concurrent session Project Group – facilitated group for individual course projects Journal Club – facilitated group across week Facilitating Problem-Solving in Physical Therapy Students. Continuing 1992 Education Seminar, Carolina Consortium for Clinical Education, Chapel Hill, NC Facilitating Problem-Solving in Physical Therapy Students. Continuing 1991 Education Seminar, Clinical Education Special Interest Group, Michigan Chapter, APTA, Grand Rapids, MI Facilitating Critical Thinking: Key to Effective Clinical Teaching. Planning 1990 committee member and Instructor in this three-day continuing education seminar. University of Alabama at Birmingham, Program in Physical Therapy, Birmingham, AL Regional Considerations for Physical Therapy Management of the Oncology Rehab 1986 Patient. Presented as part of continuing education seminar, Oncology Rehabilitation: Current Philosophy and Practice. Sponsors: American Cancer Society and Spaulding Rehabilitation Hospital, Boston, MA Advising and Mentoring **Students** Andrea Townson, MD, MS – Masters in Health Professions Education 2012-2014 Program, Scholarly Project Advisor Current Position: Clinical Professor; Associate Head of Education, Department of Medicine, Faculty of Medicine, University of British Columbia, Vancouver BC

# Eric Johnson, DSc, MS – Masters in Health Professions Education Program, 2012-2014 Scholarly Project Advisor Current Position: Professor, Physical Therapy, School of Allied Health, Loma Linda University Wee Shiong Lim, MBBS, MS – Masters in Health Professions Education 2012-2013 Program, Scholarly Project Advisor Current Position: Senior Consultant, Centre for Geriatric Medicine; Faculty advisor for Health Outcomes and Medical Education Research (HOMER), Tan Tock Seng Hospital, Singapore Christian Cable, MD, MS in Health Professions Education Program, Scholarly 2011-2013 Project Advisor Current Position: Oncologist, Scott & White Memorial Hospital, Temple, TX; Associate Professor Texas A&M Health Science Center College of Medicine Susan Cunningham, PT, MS- Masters in Health Professions Education 2011-2013 Program, Scholarly Project Advisor Current Position: Senior Physical Therapist, Faulkner-Brigham and Womens Hospital, Jamaica Plain, MA

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Ann Jampel, PT, MS – Postprofessional Masters in Physical Therapy, Thesis 2000-2001 second reader. Current Position: Education Coordinator, Physical and Occupational Therapy Services, Massachusetts General Hospital. Faculty Donna Applebaum, DPT, MBA, Department of Physical Therapy – mentor in 2002-2010 clinical education leadership when Donna hired as Associate Director for Clinical Education Current Position: Assistant Professor and Director of Clinical Education, Dept. of Physical Therapy, MGH Institute of Health Professions **Professional Development** 2015 Strategies for Climate Change: Building a Positive and Sustainable Interprofessional Identity. Preconference workshop, Collaborating Across Borders V, Roanoke, VA. Presenters: James Madison University IPE faculty Train-the-Trainer Faculty Development Model for IPE and ICP. Preconference 2015 workshop, Collaborating Across Borders V, Roanoke, VA. Lead Presenter: Brenda Zierler, University of Washington Creating the Future of Collaboration. Integrating Interprofessional Learning into 2014 Practice. Preconference workshop presented by University of Toronto, Centre for Interprofessional Education. All Together Better Health VII, Pittsburgh, PA Systems Approach to Educational Assessment, Harvard Macy Institute, 2013 Boston, MA IPEC Institute. Interprofessional Education: Building a Framework for 2014 Collaboration. Herndon, VA IPEC Institute. Interprofessional faculty development Institute for Quality 2013 Improvement and Patient Safety, Herndon, VA Leadership America – yearlong program designed to foster leadership skills in 2013 women from varied professional backgrounds. Member, Class of 2013. IPEC Institute. Designing an Interprofessional Curriculum: Planning, Strategies 2012 and Successes, Atlanta, GA Leading Innovation in Healthcare and Education, Harvard Macy Institute, 2010 Boston, MA Comprehensive Instructor Workshop, Center for Medical Simulation, 2007 Cambridge, MA **Professional Memberships and Service** 2015-present Charter Member, American Interprofessional Health Collaborative 1980-present

Member, Education Section, APTA Member, APTA of Massachusetts

Member, American Physical Therapy Association (APTA)

1989-present 1985-present

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Professional Service: Education/Clinical Education Related	
Chair, New England Consortium of ACCE's	2002-2004
Member, New England Consortium of ACCE's	1995-2007
Chair, Student Affairs Committee, APTA of Massachusetts	1998-2002
Chair, Research Committee, New England Consortium of ACCE's	1995-2002
Member, Workshop Committee, New England Consortium of ACCE's	1996-1997
Member, Task Force on Clinical Decision Making in Physical Therapy, American Physical Therapy Association	1990-1992
Partners Healthcare/MGH Service:	
Member, Search Committee for Vice President for Inpatient Rehabilitation, Spaulding Rehabilitation Network	2011
Member, Search Committee for Vice President for Inpatient Rehabilitation, Spaulding Rehabilitation Network	2009
Member, Partners Homecare Professional Advisory Committee	2005-2010
Member, Professional Development Committee, MGH Patient Care Services,	1998-2001
Member, MGH PT and OT Services, Clinical Recognition Program Criteria Development Task Force	2001-2002
MGH Institute Service: Faculty Governance Committees Institutional Level	
Chair, Hearing Committee, MGH Institute of Health Professions	2014-2015 1999-2000
Member, Hearing Committee, MGH Institute of Health Professions	2015-present; 2013-2014 2000-2001 1997-1998
Member, Course and Curriculum Review Committee, MGH Institute of Health Professions	2001-2002
Member, Faculty Governance and Academic Policies Committee, MGH Institute of Health Professions	1998-2000; 1995-1997
MGH Institute Service: Education and Curriculum Related	
Institutional Level	
Chair, Core Competency Task Force, MGH Institute of Health Professions	2015-present
Chair, Committee for Teaching Excellence (formerly known as: Faculty Development and Improvement Committee and Committee for Teaching and Learning), Provost Committee, , MGH Institute of Health Professions	2012-2014
Member, Committee for Teaching Excellence, MGH Institute of Health Professions	2014-present 2009-2011

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	Member, Community Day Planning Committee, MGH Institute of Health Professions	2013-present
	Member, Interdisciplinary Activities Committee, MGH Institute of Health Professions	2014-present
	Chair, IMPACT Practice Steering Committee, MGH Institute of Health Professions	2013-present
	Chair, IMPACT Interprofessional Planning Task Force	2012-2013
	Member, Course and Instructor Evaluation Revision Task Force, MGH IHP	2012
	Member, NEASC Self Study Committee: Chapter V work group, MGH IHP	2009
	Member, Working group to explore and develop interprofessional programs of study in Teaching and Learning/Education, MGH IHP	2008-2011
	Member, Clinical Affiliations Team, MGH Institute of Health Professions	2006-2008
	Member, Interdisciplinary Clinical Seminar Planning Committee, MGH IHP	2002-2008; 1990-2000
	Co-chair, Clinical Affiliations Team, MGH Institute of Health Professions	2005-2006
	Chair, Interdisciplinary Clinical Seminar Planning Committee, MGH IHP	2001-2000
	School/Department Level	
	Member, Interprofessional Case Rounds Planning Committee, School of Health and Rehabilitation Sciences, MGH IHP	2012-2013
	Chair/Co-chair, Curriculum Steering Committee, Entry-level Doctor of Physical Therapy Program, Department of Physical Therapy, MGH IHP	2006-2013
	Member, Curriculum Steering Committee, Entry-level Doctor of Physical Therapy Program, Department of Physical Therapy, MGH IHP	2004-2006
M	GH Institute Service: Administrative/Other	
	Institutional Level	
	Member, Program Review Committee, MGH Institute of Health Professions (Provost Committee)	20092013
	Member, Search Committee for President of MGH IHP	2006-2007
	Integrated Information System (Project Y.O.D.A.); MGH IHP Datatel Implementation Project (Institute wide)	
	Chair, Integrated Information System Project Team	2004
	Member, Integrated Information System Project Team	2002-2003
	Chair, Clinical Affiliations Team	2003-2004
	Member, Instructional Management Team	2002-2003
	Member, CORE Team	2002-2003
	Member, MGH Institute of Health Professions/Partners Home Care Comprehensive Clinical Affiliation Agreement Committee	2002-2003
	Co-chair, MGH Institute of Health Professions/Spaulding Rehabilitation Hospital Comprehensive Clinical Affiliation Agreement Committee	1998-2005

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Member, MGH Institute of Health Professions/Massachusetts General Hospital Comprehensive Clinical Affiliation Agreement Committee	1998-2002
School/Department Level	
Member, Admissions Committee, Entry-level Doctor of Physical Therapy Program, Department of Physical Therapy	1995-2002
Member, Faculty Search Committee, Department of Physical Therapy	1995-1996
Chair, Education Committee, Department of Physical Therapy, Spaulding Rehabilitation Hospital, Boston, MA	1986-1990
Co-Chair, Research Interest Group, Department of Physical Therapy, Spaulding Rehabilitation Hospital, Boston, MA	1986-1990
Community Service: Professional	
Member, Blue Cross Blue Shield of Massachusetts Member Council	2005-2007; 2002-2004
Community Service: Personal	
Member, Vestry, Church of Our Saviour, Episcopal Church, Arlington, MA	2006-2009
Chair, Rector Search Committee, Church of Our Saviour, Episcopal Church, Arlington, MA	2004-2005