

CURRICULUM VITAE

Lee Ann Guenther PT, DPT, MS

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Education:

Graduate Certificate in Ethics

Loyola University of Chicago

December 2022

Post-professional DPT

Temple University

January 2009

M.S. Health Administration

St. Joseph's University

May 1988

Post-baccalaureate Certificate Physical Therapy

University of Pennsylvania

October 1980

B.S. Biology

Pennsylvania State University

March 1979

Licensure Information/Registration Number: NJ PT License 40QA00239800

Certifications: IBCCES Certified Autism Specialist May 2024

NJ Certified School Physical Therapist 2007

CITI (research) renewal March 2022

200 Hour RYT Yoga June 2019

Pediatric Yoga April 2018

APTA LAMP Leadership 2011

APTA Clinical Performance Instrument (CPI) 2006

APTA Credentialed Clinical Instructor and Trainer 1998

Employment and Positions Held:

Stockton University

Galloway, NJ:

Adjunct Professor of Physical Therapy Spring 2023

Professor Emerita of Physical Therapy

Conferred May 13, 2022

Associate Professor of Physical Therapy

September 1999 to June 2022

Assistant Professor of Physical Therapy

1989-1999

Tenured 1994

Director of Clinical Education

Sept. 1989- June 2017

Physical Therapist:

President, Owner & Provider

Milestone Physical Therapy Services, LLC

Brigantine, NJ established as a NJ business in 2012

Early Intervention:

BATA 8/2023-present

Sunny Days 4/2023-present

TheraNorth 11/2022-present

School-based:

Egg Harbor City Public Schools-7/12 - present (includes ESY)

Galloway Township Public Schools-

Part-time: Nov. 2023, Feb.-June 2024

ESY 2017-2019, 2021-2024

Cape May County Special Services Schools- ESY 2016 & 2017

Physical Therapist

(relief coverage-outpatient services)

Shore Medical Center

Summers 2011- 2014

Bacharach Institute of Rehabilitation

(casual pool/relief physical therapist)

Summer 2013

Physical Therapist

Caring for Kids

Manahawkin, NJ

Brigantine Public Schools- 1-4/07

AC Uptown Complex- 9-11/07

Egg Harbor City Public Schools-12/06-7/12

Physical Therapist

(relief coverage)

Maple Leaf Physical Therapy

Summer 2011

Physical Therapist (part-time)

Self-employed (relief coverage and consultation)

Atlantic County, NJ

1992-2006

Partner (part-time)

Progressive P.T. Associates

Absecon, NJ

Nov. 1986 - July 1992

Academic Coordinator of Clinical Education (ACCE)

and Assistant Professor

Atlantic Community College-Physical Therapist Assistant Program

Mays Landing, NJ

Sept. 1986 - July 1989

Adjunct Faculty – Modalities Lab Instructor Physical Therapist Assistant Program
Atlantic Community College
Mays Landing, NJ
Sept. 1983 - Sept. 1986

Lab Assistant-Modalities Course

Thomas Jefferson University, PT Program
Philadelphia, Pa
Spring 1986

Physics Lab Instructor

Pennsylvania State University
Abington, Pa.
Fall 1976

Peer Reviewed Publications

Adelung, Mark & Prol, Lori & Calabrese, Jennifer & Guenther, Lee Ann & Copes, Amanda (2021). "Teaching the Teacher: Improving Supervisory Roles for Clinical Educators Using Interprofessional Workshops. **J allied Health**. Spring 2021;50(1):9-13.

Copes, Amanda & Guenther, Lee Ann & Adelung, Mark & Telesca, Lynne. (2018). In-TICE An Integrated Tool for Interprofessional Educators. **J allied health**. 47. e83

Guenther, Lee Ann, McGinnis, Patricia, Romen, Matthew, Patel, Kavita. (2014). Self-assessment of professional core values among physical therapists. *Physical Therapy Journal of Policy, Administration and Leadership*. 2014. 1-10.

Patricia Quinn McGinnis, Lee Ann Guenther, Susan F. Wainwright, Development and Integration of Professional Core Values Among Practicing Clinicians, *Physical Therapy*, Volume 96, Issue 9, 1 September 2016, Pages 1417–1429, <https://doi.org/10.2522/ptj.20150189>

Peer Reviewed Presentations

Guenther, LA, "Use of a Virtual IPE Event for Health Profession Students to Address Equity in Clinical Practice," accepted for concurrent presentation, ASAHP annual conference, Long Beach, California. Oct. 2022. Abstract to be published in conference proceedings,

Guenther, L.A., Copes, A., and Adelung, M. "Can we In-TICE you to enhance your clinical supervisory skills?" accepted for Workshop presentation,

Altogether Better Health Conference X, Doha, Qatar, Oct. 2020, postponed to Oct. 2021 due to COVID then cancelled.

Copes, A. Guenther L.A., and Adelung, M. "Integrating Model and Strategy into Clinical Supervision across Health Science Disciplines" Altogether Better Health Conference, Auckland, New Zealand, Sept. 2018.

Adelung M., Guenther L.A., Copes A., and Prol, L. "Interprofessional Clinical Educator Workshops: Enhancing Clinical Supervisory Skills Across Health Science Disciplines

Altogether Better Health Conference, Auckland, New Zealand, Sept. 2018. Abstract published in conference proceedings.

L.A., Adelung M., Copes A., Calabrese J., Telesca L. and Welliver, J.

"Impact of clinical educator workshops on interprofessional practice by clinical partners" ASAHP annual conference, San Antonio, Texas. Oct. 2017. Abstract published in conference proceedings.

Guenther L.A., Adelung M., Copes A., Telesca L. and Sauerwald C. "Clinical educator workshops: an innovative approach to enhancing interprofessional education" ASHAP annual conference, New Orleans, LA., Oct. 2016. Abstract published in conference proceedings.

Copes A., Adelung M., Guenther L.A., Telesca L. and Sauerwald C. "Developing your clinical supervision approach through the integration of model and strategy"

ASHAP annual conference, New Orleans, LA., Oct. 2016. Abstract published in conference proceedings.

Padden M., Guenther L.A., and Fiedler, M. "Fostering Long-term Support for Faculty through the Creation of a Critical Thinking Teaching Circle" Pedagogy in Higher Education Conference, Blacksburg, Va., Feb. 2015. Abstract published in conference proceedings.

Round Table, 34th International Conference on Critical Thinking and Educational Reform, Berkeley CA, July 2014.

Guenther, L.A., McGinnis P., "Ethical Reasoning Among Practicing Physical Therapists," APTA Combined Sections Meeting, Chicago, Feb. 2012. Abstract published in conference proceedings.

McGinnis, P., Guenther, L.A., "Core Professional Values and LAMP Skills: Impact on Clinical Decision-making among Physical Therapists," Combined Sections Meeting, Chicago, Feb. 2012. Abstract published in conference proceedings.

McGinnis PQ., Guenther L.A., Romen M., Wainwright S. Factors that Influence Development and Integration of Professional Core Values into Physical Therapy Practice. World Congress of

Physical Therapy. Amsterdam, Netherlands. (2011) Abstract Publication. *Physiotherapy* 2011, Volume 97, Supplemental S1. Presentation Publication: 16th International WCPT Congress Proceedings, August 2011.

Guenther, L.A., Kathrins, B.P., et. al. "Effect of Block Scheduling on Fitness and Quality of Life for High School Students," APTA Annual Conference, June 2009. APTA CSM, Feb. 2009.

Guenther, L.A., Kathrins, B.P., et al. "Modified Physical Education Program for High School Students: 2007 data," Annual aptaNJ Conference, Wildwood, NJ, April 2008. APTA CSM, Las Vegas, Feb. 2008. Pilot Study, APTA, CSM, Feb. 2007.

Conway, L. and Guenther, LA., "Aerobic Exercise for Patients Post-Stroke," Annual aptaNJ Conference, Mercer County, NJ. April 2006.

Bukowski, E., Nolan, T. and Guenther, L.A., "Documentation Instruction in an Entry-Level Physical Therapy Program," APTA Combined Sections Meeting, February 2005.

Guenther, et. al, "Determining Clinical Instructor Satisfaction with the APTA Generated Clinical Performance Instrument (CPI)" APTA Annual Conference, June 2004.

Guenther, et. al. "The Effectiveness of an Educational Presentation on Safety Device Use for Skating in Middle School Children" Annual aptaNJ Conference, Mercer County College, April 2004.

Guenther, et. al, "Determining Clinical Instructor Satisfaction with the APTA Generated Clinical Performance Instrument (CPI), Annual aptaNJ Conference, April 2003.

Guenther, et. al "Credentialed CIs vs. Non-Credentialed: A study of MPT Student Satisfaction" Annual aptaNJ Conference, April 2002.

Guenther, L.A. & Kathrins, B.P. "Use of a Professional Behavior Plan in a First Professional Master's Program," APTA Annual Conference, Orlando, FL, June 1998.j aptaNJ Annual Conference, New Brunswick, NJ. March 1998.

Kathrins, B.P. and Guenther, L.A. "Use of Electronic Bulletin Boards in a First Professional Program," APTA Combined Sections Meeting, Dallas, Texas, Feb 1997. Annual aptaNJ Conference, Atlantic City NJ, March 1997.

"A Program Approach to QR Skills" L.A. Guenther, M. Kirch, A. Kreutzer, N. Palugod. PROS Quad Team. Presented at RSC Quad Conference and Pennsylvania State University. 1997. Published in Penn State University Conference Proceedings.

Kathrins, B.P. and Guenther, L.A. "Use of Electronic Bulletin Boards in a First Professional Program," Guenther, L.A. Presentation, "Guidelines for Evaluating Research Literature" Annual aptaNJ Conference, March 1992.

Guenther, L.A. Presentation, "Clinical Teaching Supervision Technique" Annual aptaNJ Conference, March 1991.

Funded/In Review Grant Activity:

Stockton University, Research and Professional Development Grant: four-credit course release spring 2018 to conduct study "Impact of a Yoga Program on In-school Behavior of Elementary and Middle School Children".

Stockton University, CDC grant, \$1500 to support 200-hour RYT Yoga Teacher Certification, April 2016.

Richard Stockton College "Critical Thinking Learning Circle," co-founder with Mary Padden and Marcia Fiedler, \$3,000, fall 2014

Richard Stockton College "Critical Thinking Learning Circle," co-founder with Mary Padden, Assistant Prof. of Nursing and Marcia Fiedler, Coordinator of Jewish Studies \$2,431, Fall 2013.

Richard Stockton College Research and Professional Development Grant, "Support for Presentations at CSM," \$1740, spring 2012.

Career Development Funds, RSC, "Support for HPA Leadership Certification," \$790, fall 2012.

Health Policy and Administration Section of the APTA, special project research grant, "Core Professional Values and LAMP Skills Influence on Physical Therapists' Clinical Decision-making," with Dr. Patricia McGinnis, \$7,500, summer 2010.

Richard Stockton College of New Jersey, Research and Professional Development Grant, \$2,990, spring 2010.

School of Health Sciences Special Fund for Grant Development, RSC, with Dr. Patricia McGinnis, "Core Values and Clinical Decision-making," \$5,000, spring 2009.

"Graduate Student Fellowship," Guenther-faculty sponsor for T. King and E. Speiser, Class of 2008, \$2000 award. fall 2007.

Richard Stockton College mini grant to support an additional instructor for the APTA's Credentialing Program, spring 2003.

Richard Stockton College mini grant to conduct clinical faculty focus groups for PT Program Retreat in June 2000.

Richard Stockton College mini grant to develop/coordinate a faculty development activity:

Marita Malloy - Hutchinson, Esq. "Legal Aspects of a Clinical Education Program" June 1996.

Guenther, L.A., Fay, P. and Siner, T. Conducted a one-day seminar to the clinical faculty entitled "Alternative Supervisory Models: Getting Started." May 1995. This project was funded by a Richard Stockton College of New Jersey Mini grant.

Gandy, J. Conducted a one-day conference for the clinical faculty entitled "Alternative Supervisory Models: Why Bother?" July 1994. This project was funded by a Richard Stockton College of New Jersey mini grant submitted by L. A. Guenther.

Guenther, L.A. Conducted a one-day seminar to the clinical faculty, "Providing Effective Feedback" June 1993. This project was funded by a Richard Stockton College of New Jersey mini grant. Mary Schmidt MS, PT, APTA National Clinical Ed. Task Force presented for 3 hours.

Guenther, L.A. Conducted a one-day seminar to clinical faculty. The AM session was entitled "Students Assessment, May 1992. Marilyn Moffit, PhD, PT presented the PM session. Funded by The Richard Stockton College of New Jersey Research & Professional Development Grant.

Research Activity:

The role of a virtual inter-professional ethics case study to promote justice among developing OT, PT and SLP students: unpublished

Membership in Scientific/Professional Organizations:

American Physical Therapy Association (APTA); New Jersey Chapter and Southern District of the APTA;

Education, Neurology, Pediatrics, Health Policy, and Administration
Sections/Academies

Consultative and Advisory Positions Held:

Atlantic County Institute of Technology

Health Sciences Academy Advisory Board

fall 2018-present

Consultant for Essex County Prosecutor re: physical therapy defendants
(previous-

2 cases) prior to 2015.

Continuing Education Workshops Organized/Presented:

“Ethical challenges in current physical therapy practice: identification, analysis and moral resolution” NJ State Board of Physical Therapy Examiners approved 2.5 hour offering: Nov. 1, 2022, March 2023 and Jan. 16, 2024 (Stockton University).

Hackensack/Meridian Health Care System offered virtually August 15, and November 2, 2023.

“Ethics for Pediatric Practitioners,” NJ State Board of Physical Therapy Examiners 2.5 approved, January, 2023.

“Ethics for Physical Therapy Professionals,” NJ State Board of Physical Therapy Examiners approved, 2.5 hour offering: April 2021, Oct. 2021, Jan. 2022, Jan. 11, 2020, March 26, April 27 & Nov. 2019 Stockton University. May 21, 2019, TenderTouch Health Care in Lakewood. June 6, 2019, Meridian Health System in Jackson. June 27 Inspira Health Care in Vineland. aptaNJ sponsored offerings: annual spring conference April 6, Dec. 2019, Jan. 2020 and annual fall conference Oct. 2020.

"Ethics for Pediatric Practitioners," NJ State Board of Physical Therapy Examiners 2.5 offering, Children's' Hospital of Philadelphia, 12/11/17.

"Know the Power Within You: Clinical Educators," Clinical Educators IPE Workshop, Stockton University, Galloway, NJ. 12/7/2017.

"Ethics in Physical Therapy Practice," NJ State Board of Physical Therapy Examiners approved, 2.5 hour offering: Toms River at Tender Touch site, April 4, 2017. May 2, 2017, Meridian. Virtua Health Care System, May 18, 2017. Inspira Vineland, June 15, 2017. Stockton University June 8, 2017, November 18 and January 20, 2018.

"Ethics for Pediatric Practitioners," NJ State Board of Physical Therapy Examiners approved, 2.5 hour offering, Stockton University, March 4, 2017.

"The Wizarding World of Clinical Education," Clinical Educators IPE Workshop, Stockton University, Galloway, NJ. October 28, 2016.

"Ethics for Physical Therapy Practitioners," NJ State Board of Physical Therapy Examiners 2.5 hours, Stockton University, April 29, May 13, May 19, and Nov. 21, 2015 & January 13, 2016.

"Ethics for Physical Therapy Practitioners," NJ State Board of Physical Therapy Examiners 2.5 hour offering, CareResources sponsored. March 21, July, December 1, December 5, 2015.

"The Good, the Bad and the. . .Individualizing the Clinical Education Experience, "Clinical Educators IPE Workshop, Stockton University, Galloway, NJ October 16, 2015

"Ethics for the Pediatric Practitioner," NJ State Board of Physical Therapy Examiners Approved 2.5 hour offering, St. John of God, Westville, NJ. 11/14/14.

"Clinical Education Students: They Are not on Campus Anymore" Clinical Educators IPE Workshop, Stockton University, Galloway, NJ, October 17, 2014.

"Ethics and Jurisprudence," NJ State Board of Physical Therapy Examiners Approved Four hour offering, aptaNJ sponsored, CentreState Medical Center, Freehold, NJ. 1/11/14

"Exercise for Special Populations," with Alysia Mastrangelo, NJ State Board Approved Eight hour offering, Richard Stockton College of NJ, 12/13/13

"Ethics and Jurisprudence," NJ State Board of Physical Therapy Examiners Approved Four hour offering, CareResources sponsored: 8/22/13 and 9/14/13

"Ethics and Jurisprudence," NJ State Board of Physical Therapy Examiners Approved Four hour offering, Richard Stockton College of NJ sponsored: 10/6/12, 11/10/12, 3/2/13, 5/18/13, 7/18/23, 11/9/13, 1/18/14

"Ethics and Jurisprudence," NJ State Board of Physical Therapy Examiners Approved Four hour offering, Richard Stockton College: five courses offered between Feb. 2010 and Jan. 31, 2012

"Ethics and Jurisprudence," NJ State Board of Physical Therapy Examiners Approved Four hour offering, Richard Stockton College of NJ sponsored: nine courses offered between Jan. 2009 and Jan. 31, 2010

Clinical Instructor Credentialing Program, Virtua Health Care System, Voorhees, NJ, Feb. 22 and March 1, 2003

Clinical Instructor Credentialing Program, aptaNJ Annual Conference, Atlantic City, NJ, March 1999

Clinical Instructor Credentialing Program, JFK Rehabilitation Institute, Edison, NJ. Sept 19 & 20, 1998.

Clinical Instructor Credentialing Program, aptaNJ, Robbinsville, NJ April 25-25, 1998

Guenther, L. A., and Fay P. "Current Trends in Clinical Education." Annual aptaNJ Conference, Atlantic City, March 1997

Guenther, L.A., Fay P. and Siner, T. "Clinical Instructor Training: for the Clinical Faculty, Newark and Camden NJ, November 1996 & March 1997

Clinical Instructor Credentialing Program, Bacharach Institute for Rehabilitation, Nov. 1997

Guenther, L.A. Conducted an in service on "Clinical Education" for the PT Department of Shore Memorial Hospital, October 1995

Guenther, L.A. Presentations A three-part series on Clinical Education to the Physical and Occupational Therapy Departments of Bacharach Rehabilitation Hospital, Nov. & Dec. 1992.
Part I: The Adult Learner. Part II: "Effective Feedback in Clinical Education."

Part III: "The Difficult Student in Clinical Education"

Guenther, L.A. Presentation on "Stretching" at The Richard Stockton College of New Jersey during a one-day Athletic Seminar June 1992.

Guenther, L.A. Presentation on "Shoulder Injuries" to FAA Technical Center, Sept. 1991

Guenther, L.A. Presentation on "The Affective Domain" to Somerset Memorial Hospital Physical and Occupational Therapy Dept. Somerville, NJ, Nov. 28, 1990

Community Service:

Brigantine Board of Education Nov. 2019-present

Brigantine Lions Club 9/12 to present

Brigantine Republican Club - 1988 – present

Brigantine Polar Bear Plunge for Fisher House Foundation 2014-2018, 2020

Service to the Physical Therapy Profession:

APTA: American Physical Therapy Association

Academy of Leadership & Innovation, Professional Practice Content

Expert, March 2021-May 2023

aptaNJ Ethics Committee, Appointed Fall 2007-present

Chairperson 2007-2016. Member 2016-

aptaNJ pediatric special interest group workgroup on telehealth May 2020

aptaNJ Opioid Task Force, Appointed April 2018-September 2020

LAMP Program: mentor for "LAMP" ILP, appointed Spring 2012

Three mentor assignments completed

NJ State Board of Physical Therapy Examiners (NJSBPTE) 2006-2010

Service to University:

Faculty facilitator for IPE Ground Rounds: spring 2022

SIPET -Stockton Initiative for Peer Evaluation of Teaching

Peer Observations-a minimum of three each AY

2016-Fall of 2021

SIPET summer institute-summer 2016

Veterans Faculty Mentor Team 2016-2022

Distinguished Graduate Research Fellowship Awards Committee 2010-fall 2021

Faculty "Out of Program" Mentor-Education Program faculty mentee 2015-2020

School of Health Sciences:

Presentation of NJSBPTE approved/required Ethics Continuing Education

Courses for clinical partners (at clinical sites) 2008-2021

Exercise Science Program Tenured Faculty Committee 2017-2022

Inter professional Education Committee fall 2018-2022

Physical Therapy Program:

Program Open House Representative-every other AY through 2022
Preceptor for DPT Class of 2024 through June 2022
Curriculum Committee, 2013 –2022 Chair 2021-2022
Student Success “BHAG” Program Initiative June 2020 to 2022
Community Engagement “BHAG” Program Initiative June 2020 to 2022
Physical Therapy Tenured Faculty Review Committee, 1995 to 2022
Admissions, 1980-2016, 2018, 2020-present
Physical Therapy Faculty Academic Review Committee, 1990-2022
Annual Faculty Retreat, 1989-2022
Continuing Education “BHAG” Program Initiative June 2013 to 2020
Inter professional Education "BHAG" Program Initiative June 2013 to 2020

Honors and Awards:

Alpha Eta Honor Society, Inducted April 2014
Club Advisor of the Year (PT Club) 2012

Continuing Education Attended:

“Dynamic Movement Intervention,” DMI, scheduled 9/10 and 9/11/25 (virtual, 15 hrs)

“Professional Boundaries in our Work with Families,” Sunny Days, 11/12/24 (webinar 1.5 hrs)

“New Jersey: Scoring Early Learning Accomplishment Profile (ELAP),” Sunny Days, July 31, 7/31/2024 (webinar 1.0 hrs)

“An Introduction to Sensory Processing for Early Intervention Practitioners,” Sunny Days, 7/30/2024 (webinar 1.5 hrs)

“Pediatric Sensory Integration: An Introduction,” Colibri Healthcare (2 hours)

“Managing Defiant Child Behavior,” Colibri Healthcare, April 2024 (3 hours)

“Developmental and Sensory Motor Strategies in School Based Programs,” Colibri Healthcare, April 2014 (4 hours)

“Assessments and Creative Interventions to Treat Individuals on the Autism Spectrum,” Colibri Healthcare, March 2024 (5 hours)

“Foundations of School-based Physical Therapy,” APTA, Dec. 2023. (8 hours)

“Mobilization with Movement,” Mulligan Concept, Lower Extremity, Sept. 2023 (18 hours)

CSM, San Antonio, Texas via on-demand. February 2022 (18 hours)

Education: 4 Elements Movement System Model to Guide PT Education, Practice and Research (2 hours)

Educating for Ethics and Professionalism-Lessons learned during the Covid-19 pandemic (2 hours)

Geriatrics: Body Composition-Disorders of Eating & Management of Older Adults-What PTs should know (2 hours)

Health

Policy. Telehealth and Digital PT Practice-Now and Beyond (2 hours)
Creating an Equity Toolbox (2 hours)

Home Health: HITT to the Hits-Motivating with Music to Engage Older Adults in HITT Training (2 hours)

Neuro: Rethinking the Tools in the Toolbox? Evidence-based Strategies to “move

forward” in Neuro rehab (2 hours)

Pediatrics: Bored to Paddle board (2 hours)

Alignment & Speech Production: Congenital Torticollis and Motor Speech Disorders (2 hours)

“Covid-19 Case Studies,” webinar, Jan. 25, 2022 (3 hours)

“Management Essentials,” HPA of APTA, Fall 2021 (15 hours)

“Building the Foundation of a Socially Responsible Profession,” webinar, aptaNJ, July 16, 2020 (2 hours)

aptaNJ Spring Conference, “How to Leverage your Social Media Content to Further Your Career, Grow Your Practice, and Advocate for the Profession,” “Age-Related Mobility Loss: Why Does It Happen and What Can We Do?” and “The Age of Technology: Robotic Exoskeletons and Their Impact on Recovery.” April 25, 2020 (4 hours)

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“Neurology and HPA Academy presentations” CSM, Denver, Co. February 2020 (18 hours)

- Multiple Sclerosis (4 hours)

- Neurology Academy Platforms (Vestibular and Balance Disorders) (2 hours)

- Dementia (4 hours)

- High Intensity Training Post-Stroke (4 hours)

- Scheduling, Coding and Billing (4 hour)

Recent Teaching Responsibilities in the Entry-level Physical Therapy Program

(in sequence, by semester)

SUMMER Semester 2023:

Musculoskeletal Physical Therapy I (PHTH5500)

- transfers and gait labs

-movement system in pediatrics and typical development

SPRING Semester 2023:

Musculoskeletal Physical Therapy IV (PHTH5530)

Module 4

-pediatric orthopedics

SPRING Semester 2022:

Management (PHTH 6610): all content, including ethics and Inter professional Education, except for outpatient billing/reimbursement and coding.

Virtual Inter professional Ethics Class: (new spring 2022) case study emphasizing the principle of “capability justice” for PT, OT and SLP students

Musculoskeletal Physical Therapy IV (PHTH 5530) ACAR scorer for baby lab

FALL Semester 2021:

Neuromuscular Physical Therapy I (PHTH 6500)

Module 1

-neurological examination lab

-proprioceptive neuromuscular facilitation lecture and lab

-vestibular lab

Module 2

-clinical decision making

Module 3

-pediatric patient labs (movement, cerebral palsy and Developmental testing)

One lab examination/practical

Neuromuscular Physical Therapy II (PHTH 6510)

Module 4

-hemodynamic disorders (all lectures and labs)

Module 5

- spinal cord injury labs
- psychosocial aspects of disability lecture
- diagnostic imaging lecture

Module 6

- multiple sclerosis
- cerebellar disorders labs
- normal aging, Alzheimer's disease, dementia and delirium lecture
- integrated labs for all patients with neurological involvement across the life span

One examination/practical