

CURRICULUM VITAE

East Tennessee State University
Physical Therapy Department
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Education

East Tennessee State University, Johnson City, TN
PhD, Early Childhood Education 2014-current. Estimate graduation 2017

Governors State University, University Park, IL
Physical Therapy, transitional Doctorate of Physical Therapy tDPT, 2012- 2013

Governors State University, University Park, IL
Masters of Physical Therapy, M.P.T., 1998-12/2000

Eastern Illinois University, Charleston, IL
Bachelors of Science Major: Zoology, Concentration in Athletic Training 09/1989-05/1994

2007-9 Certifications/Licensures

01/11 – ABPST SACE: Item writer for Cardiovascular and Pulmonary Section
01/11- ABPST SACE: Item writer for Pediatric Section
03/08 – Board Certified Pediatric Clinical Specialist (PCS)
02/06 – Certified Kinesio Taping Practitioner
04/04 – Certified Infant Massage Instructor (CIMI)
04/02 – Early Intervention Credential for treatment and evaluations Illinois
04/05 - Credentialed Clinical Instructor by the Clinical Instructor Education Board of the American Physical Therapy Association, May 2004
04/01 – Licensed Physical Therapist (PT) # 070012672
06/99 –NATABOC – Tester for National Athletic Training Examination
02/95 – Certified Athletic Trainer (ATC)

2008-9 Professional Experience and positions held

08/14-present Assistant Professor Physical Therapy department, Johnson City, TN

05/12-10/13- Adjunct Faculty, Governors State University, University Park, IL

01/12-12/13 Adjunct Faculty, Northeastern Illinois University, Chicago, IL

01/09-12/09 Wilbur Wright College: Consultant, Chicago, IL
Program Curriculum Design and Development for Physical Therapy Assistant
Program: Researched and Developed Curriculum for PTA program, collaborated with Director of current COTA program for potential joint programming, developed Syllabi, Schedules and Credits for all courses over 2 years for program and designed cost analysis for implementation of PTA program

08/05 – 07/14 Fundamental Therapy, Chicago, IL

Owner and President of Home Health Agency for Early Intervention Therapies:

Manage Staff Therapists and support staff, Coordinate Billing and Reimbursement issues for staff physical therapists, evaluate and treat a variety of pediatric condition for home health population in trans-disciplinary model and wrote LOMN and DME equipment ordering and fitting

10/10-12/10 Fox College: Lab Instructor, Tinley Park, IL

Lab Assistant for Functional Anatomy II and Introduction to Patient Care.

Department for Physical Therapy Assistant Program

Audience: Physical Therapy Assistant Students

10/01 –08/11 Sinai Health Systems; Schwab Rehabilitation Hospital & Mt. Sinai Hospital,

Chicago, IL; Clinical Specialist/Pediatric Program Coordinator and Senior Physical Therapist

Educational Duties

- Developed and implemented Student orientation and curriculum for pediatric and acute care physical therapy students and served as Clinical Instructor for dozens of students.
- Collaborated directly with CCCE and ACCE's from local Universities and Colleges to serve students in outpatient orthopedic, pediatric and acute care settings.
- Spearheaded and developed entire curriculum for physical and occupational therapy staff and student in the NICU.
- Mentored new physical therapists, occupational therapist, speech therapist, volunteers and other disciplines in all settings including acute care and outpatient setting.
- Implemented education programs and competencies for the rehab team (PT, OT, ST) to better acute care in Level I trauma center.
- Initiated NIDCAP (Neonatal Individualized Developmental Care Assessment Program) in NICU for therapy staff, nursing and doctors.

Clinical Duties

- Treats variety of diagnosis in level I trauma hospital, rehabilitation and outpatient setting for pediatric and adult patients with orthopedic, neurological and cardiopulmonary conditions.
- Performs serial casting for adults and children with spasticity and neurological conditions.
- Screens and evaluates patients in the follow-up high-risk developmental clinic.
- Performs standardized assessments for pediatric and adult patients for outpatient, acute care and inpatient rehabilitation setting including the FIM, PEDI, AIMS, TIMP, Baley, Peabody, Berg and GMFM.

Management Duties:

- Developed documentation for variety of settings including inpatient rehabilitation, outpatient services and acute care service.
- Spearheaded multi-disciplinary Medical Diagnostic Clinic including grant money for start-up costs and testing materials.

8/98- 04/01 Midwest Orthopedics, Oak Park, IL: Affiliate Athletic Trainer: Evaluated and treated various athletic injuries and acted as the sole trainer to various sporting events, games, and tournaments for children and young adults ranging in age from 8-21 years.

11/95- 6/98 Orthosport Physical Therapy Clinic, Forest Park and Oakbrook, IL Athletic Trainer: Assisted Physical Therapists with treating patients with various orthopedic and sports

medicine conditions and implemented work-hardening and work-conditioning programs under direction of supervision therapist and assisted therapists with functional capacity evaluation programs.

Peer Reviewed Publications

Campbell SK, Zawacki L, Clark A, Boynewicz K, Gaebler-Spira D, deRegnier R-A, Kuroda M, Bhat R, Cooper A, Yu J, Campise-Luther R, Kale D, Bulanda M, Zhou X. Effects on Motor Development of Kicking and Stepping Exercise in Infants with Perinatal White Matter Injury. *Journal of Pediatric Rehabilitation Medicine: An interdisciplinary Approach* 4 (2011), 1-13.

Sangeetha Madhavan, Suzann K. Campbell, Rose Campise-Luther, Deborah Gaebler-Spira, Laura Zawacki, April Clark, Kara Boynewicz, Dipti Kale, Michelle Bulanda, Jinsheng Yu, and Xiaohong Joe Zhou. Correlation between fractional anisotropy and motor outcomes in one-year-old infants with periventricular brain injury. *Journal of Magnetic Resonance* 39 (2014), 949-957.

Suzann K. Campbell, Whitney Cole, Kara Boynewicz, Laura L. Zawacki, April Clark, Deborah Spira-Gaebler, Raye-Anne DeRegnier, Maxine Kuroda, Dipti Kale, Michelle Bulanda, and Sangeetha Madhavan. Behavior During Tethered Kicking in Infants with Periventricular Brain Injury *Peds PT* (2015) *In publication*.

Peer Reviewed Scientific and Professional Presentation

Scientific Poster: Boynewicz, K, Campbell, S., Cole, W., Zawacki, L., Clark, A., Kale, D., Madhavan, S. Behavior During Tethered Kicking in Infants with Periventricular Brain Injury, Tennessee Physical Therapy Association Conference, March 27-28, 2015

Scientific Poster: Campbell, S., Cole, W., **Boynewicz**, K., Zawacki, L., Clark, A., Kale, D., Madhavan, S. Target Kicking Accuracy in Infants with Periventricular Brain Insults: Does Early Experience Matter? World Physical Therapy Conference WPTC Singapore Malaysia May 1-4, 2015

Funded/In Review Grant Activity

Awarded: Dean's Research Enhancement Award - College of Clinical and Rehabilitation Health Sciences, East Tennessee State University.

Primary Investigator - Efficacy of video versus paper caregiver home exercise programs as an intervention to manage and prevent plagiocephaly and torticollis among NICU graduates.

Awarded: \$1265

Research Activity

2015 Abstract reviewer for 1st annual Southeastern IPE conference.

2013-2014: UIC Center for Clinical and Translational Science. Infants with Periventricular Brain Injury Kicking and Treadmill Stepping Coding Manual

Collaborator including reliability tester for analyzing video analysis of groups of infants born premature with Grade III/IV hemorrhage and PVL.

2008-9: Mothers & Growing Babies

UIC College of Nursing: Division of Women, Children and Family Health Service; Feeding and Transition to Home for Preterm at Social Risk

Collaborator including developmental testing (TIMP and Bayley III) with group of babies in NICU, 6 weeks post NICU, 6 months and 12 months

2009-9 CCTS UIC Center for Clinical and Translational Science. Clinical Trial of Physical Therapy with Kicking and Treadmill Stepping to Promote Locomotion in Infants Perinatal White Matter Injury.

Collaborator including testing (TIMP, AIMS, Peabody II) and exercise groups of infants born premature with Grade III/IV hemorrhage and PVL.

2000 RidgeCrest Learning, Inc. Learning in HealthCare: Focus on Technology Award
Winning Poster Presentation: The ADA... Chicago... and YOU!

Developed, constructed and presented a poster presentation that explained the development, tools of utilization, and findings of a research project conducted to assess and collaborate handicap accessible establishments in the Chicago area.

Invited Publication/Lectures and Continuing Education Workshops

NDT advanced baby course: Invited lecture for NICU and TIMP presentation. CityKids, Chicago, IL April 2013.

Clinical Bottom Line: Concurrent Validity - BSID III and PDMS 2 in Children at Risk for Developmental Delay. August issue *Pediatric Physical therapy* 2012.

Clinical Bottom Line: Jones, J, McEwen, I, Neas, B, (2012) Effects of Power Wheelchairs on Development and function of Young Children with Severe Motor Impairments. *Pediatric Physical Therapy*. April issue 2012

Empowering Professionals Conference; Planning, Assessment and Intervention Strategies for Premature Infants and Medically Complex Children. Prairie State College. March 2011

Accessing and Utilizing The Test of Infant Motor Performance as a Family Education Tool in the Early Intervention Setting. Lecture Presented to Easter Seals DuPage County, Addison IL December 2009.

The Test of Infant Motor Performance as a Family Education Tool. Lecture Presented to UIC CFDC (Child and Family Development Center), IL October 2009.

Torticollis and Plagiocephaly: Importance of early referral for infants for early intervention:

evaluation and treatment strategies. Mt. Sinai Children's Hospital Chicago, IL 2009.

Physical Therapy evaluation and treatment of the neonate and high risk infant from NICU to early intervention: Lecture Presented for CFC # 8 Easter Seals Chicago. Chicago, IL May 2009.

Application of neuroplasticity and skill acquisition for functional recovery and outcomes. Physical Medicine and Rehabilitation Rounds, Schwab Rehab Hospital, March 2008.

The NICU graduate. Lectured on physical therapy assessments and treatments in the NICU and home-based services for Early Intervention in Illinois. Presented for CFC # 9 Hoken Institute, Chicago, IL, June 2007.

Pediatric Physical Therapy for the Pediatric Intensive Care and Neonatal Intensive Care patient. Critical Care for Pediatric Nursing, Mt. Sinai Children's Hospital, August 2006.

Early Intervention Referrals and diagnosis: The importance of early detection of motor disorders is critical. Presented to Pediatric residents. March, 2005, 2006, 2007.

Typical and Atypical Development in Infants and Young Children and Implications for the Nurse and Physician, Mt. Sinai Children's Hospital, Chicago, IL. February, 2006, 2007.

Developmental Care and Positioning in the NICU. Presented to the Mt. Sinai Neonatal staff, Chicago, IL. October 2006, 2007, 2008.

Membership in Scientific/ Professional Honorary Societies

Tennessee Physical Therapy Association, member since 2014

American Physical Therapy Association, member since 2005-2013

Illinois Physical Therapy Association, member since 2005-present

Member of the Pediatric Section of the American Physical Therapy Association since 2005

Member of the Education Section of the American Physical Therapy Association since 2013

Credentialed Clinical Instructor (CIECP) by the American Physical Therapy Association in May 2004

Professional Service/ Consultative Positions

Specialization Academy of Content Experts (SACE) item writer for the cardiovascular and pulmonary specialty area. Two Year term from; January 1, 2013 through December 31, 2015.

Specialization Academy of Content Experts (SACE) item writer for the cardiovascular and pulmonary specialty area. Two Year term from; January 1, 2011 through December 31, 2012.

Specialization Academy of Content Experts (SACE) item writer for the pediatrics specialty area. Two Year term from; January 1, 2011 through December 31, 2012.

Pediatric Program Coordinator, Schwab Rehabilitation Hospital 2009-2011.

Quality Enhancement Team member, CFC #8, 2008-2010.

NIDCAP (Neonatal Individualized Developmental Care Assessment Program) at Mt. Sinai Hospital 2008-2009.

Quality Enhancement Team member, CFC #9, 2007

Consultant to Spinal Cord Injury Pathway in Acute Care, Mt. Sinai Hospital, 2005-2006

Education Coordinator for Acute Care, Mt. Sinai Hospital, 2006 – 2007

Community Activities

Senior Thesis committee for Providence High School. Mentored High school student with research report on Pediatric disability. Johnson City, TN 2014-2015.

PTA committee member for Town Acers School 2014-2015 school year. Organized activities and fund raising at school. Johnson City TN.

Vice President and Board member of “Friends of Courtney”. Developed a parent organization for fundraising at Courtney School, Chicago, IL 2012-2013.

Founder and organizer of C.A.M.P. Schwab, Developed and directed weeklong summer camp for children with disabilities, 2003-2011

Volunteer, Share to Care Food Drive Program, The Chris Zorich Foundation

Volunteer, St. Patrick’s Day Vendor, Mercy Home for Boys and Girls, 2000-2001

Volunteer, Rock Climbing, kayaking, and camping with Spinal Cord Injury, Moving Mountains, 2000

Service to University on Committees

University Committee: Inter-Professional Education and Research Committee (IPERC). 2014-present.

College Committee: Faculty Development and Awards Committee for College of Clinical and Rehabilitative Health Science. 2015-present

Department Committee: Multi-disciplinary NICU follow up clinic at East Tennessee State University. University committee 2014-present.

Program Assessment Committee. Department committee in physical therapy. 2014-present

Curriculum Committee for neurological and other systems. Post-Professional Residency/Fellowship. 2014-present.

Public Relations Linked In Representative. 2014-present

Community Outreach (Clinical and Non-clinical) 2014-present.

Chair: Remediation Committee 2014-present.

Awards

03/08 - Pediatric Clinical Specialist in Physical Therapy

10/02 – Physical Therapist of the year; Schwab Rehabilitation Hospital

05/00 – GSU College Scholarship for outstanding academic performance

Continuing Education

02/15 – Combine Section Meeting APTA, Indianapolis, IN, 2015

09/14 – SOPAC Section of Pediatrics Annual Conference, St. Louis MO 2014

02/12 _ Combined Sections Meeting APTA: Chicago, IL 2012

02/11 – Combined Sections Meeting APTA: New Orleans, LA 2011

09/10 – AACPDPM 2010 (American Academy of Cerebral Palsy Developmental Medicine) 2010

09/09 – AACPDPM 2009 (American Academy of Cerebral Palsy Developmental Medicine) 2009

05/09 – Pediatric Neuromuscular Electric Stimulation for Children with Cerebral Palsy, 2009

06/08 – Overview of III step and Combined Sections Meeting APTA: Nashville, IL 2008

08/08 - The IDEA Part C Early Intervention Programs: Implementing Recommended Competencies for Physical Therapists, Chicago, IL, 2008

11/07 – Developmental Interventions in the NICU: Las Vegas, 2007

10/07 – Torticollis; Implications for Evaluation and treatment: Easter Seals, Chicago, 2007

03/07 – Child with Special Need Conference: Chicago, IL

03/07 – Gait Development for Typical and Atypical Development, Chicago CMH

11/06 – Advance Clinical Practice in Pediatric Physical Therapy, Seattle, WA

02/06 – Advanced Pediatric Body Weight Supported Treadmill Training, Chicago, IL

Fall Semester 2006 – UIC PT 502 Measuring Motor Development and Function, Chicago, IL

08/05- 12/05 Infant research development: UIC 1 semester hour with Dr. Suzann Campbell

11/05 – Kinesiotaping I & II and advanced course for pediatrics, Libertyville, IL

11/05 – 2005 Sports Medicine Symposium and Update at Loyola; Maywood, IL

08/05 – NDT for infants (RIC), Chicago, IL

11/04 – Test of Infant Motor Performance: From Research to Practice, Chicago, IL

11/04 – Developmental Interventions in the NICU, Seattle WA

05/04 - Bells and Whistles; ICU training course, Chicago, IL

04/04 – Certification for Infant Massage Instructor, Villa Park, IL

05/04 - APTA Clinical Instructor Education and Credentialing Program, Chicago, IL

03/04 - If you can't breathe you can't function, Merryville, IN

10/03 - Development Interventions in NICU, Boston, MA

Current Teaching Load

01/15-present East Tennessee State University, Johnson City, TN
Instructor for ADMN: Interprofessional Education Program Cohort: 2015
IPE University Committee

For students enrolled in the IPE cohort spanning various graduate level students.

01/15-present East Tennessee State University, Johnson City, TN
Instructor for PHYT 6432 Neurotherapeutics II
College of Clinical and Rehabilitative Health Sciences
Department of Physical Therapy

01/15-present East Tennessee State University, Johnson City, TN
Instructor for PHYT 6433 Neurotherapeutics III
College of Clinical and Rehabilitative Health Sciences
Department of Physical Therapy

01/15-present East Tennessee State University, Johnson City, TN
Instructor for PHYT 7764 Case Study in PT
College of Clinical and Rehabilitative Health Sciences
Department of Physical Therapy

08/14-present East Tennessee State University, Johnson City, TN
Instructor for PHYT 6331 Neurotherapeutic Principles I
College of Clinical and Rehabilitative Health Sciences
Department of Physical Therapy

08/14-present East Tennessee State University, Johnson City, TN
Instructor for PHYT 6523 Prosthetics and Orthotics
College of Clinical and Rehabilitative Health Sciences
Department of Physical Therapy

2009-9 Previous Teaching Experience

05/13- 02/14 Governors State University, Chicago, IL
Instructor for PHYT 8811; Current Issues in Physical Therapy: Emphasis in
Early Intervention
College of Health and Human Services
Department of Physical Therapy
Audience: Doctorate of Physical Therapy Students

05/13 - 08/13 Governors State University, Chicago, IL
Instructor for PHYT 6612; Gross Anatomy I and II Lab
College of Health and Human Services
Department of Physical and Occupational Therapy
Audience: Doctorate of Physical and Occupational Therapy Students

01/13—05/13 Governors State University, Chicago, IL
Instructor for PHYT 7767; Neuroscience Therapeutics II Lab

College of Health and Human Services
Department of Physical Therapy
Audience: Doctorate of Physical Therapy Students

01/12 – Northeastern Illinois University, Chicago, IL
Adjunct Professor for PEMT 305; Functional Human Anatomy
College of Education
Department of Health, Physical Education and Recreation
Audience: Undergraduate students

05/12—08/12 Governors State University, Chicago, IL
Instructor for PHYT 8811; Current Issues in Physical Therapy: Emphasis in
Early Intervention
College of Health and Human Services
Department of Physical Therapy
Audience: Doctorate of Physical Therapy Students

05/12—08/12 Governors State University, Chicago, IL
Lab Assistant for PHYT 6602; Gross Anatomy I and II Lab
College of Health and Human Services
Department of Physical and Occupational Therapy
Audience: Doctorate of Physical and Occupational Therapy Students