

CURRICULUM VITAE

JACOB IRWIN, PT, DPT
Board Certified in Orthopedics
Clinical Assistant Professor
Department of Physical Therapy
Byrdine F. Lewis School of Nursing and Health Professions
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I. EDUCATION

Doctorate of Physical Therapy (DPT) 2002
University of Southern California
Department of Biokinesiology and Physical Therapy
Los Angeles, California

Bachelor of Science 1999
Exercise Science, emphasis in Physical Therapy
University of Southern California
School of Letters, Arts, and Sciences
Los Angeles, California

II. PROFESSIONAL CREDENTIALS, CERTIFICATION AND LICENSURE

Board Certification in Orthopedics 2016
American Physical Therapy Association

Manual Therapy Certification (MTC) 2006
University of St. Augustine

Physical Therapist Licensure 2002-Present
State of Georgia #PT007576

Basic Life Saving and First Aid Certification (CPR) 1994-Present

III. WORK HISTORY

PROFESSIONAL EMPLOYMENT EXPERIENCE

Clinical Assistant Professor 2014-Present
Department of Physical Therapy
Byrdine F. Lewis College of Nursing & Health Professions
Georgia State University
Lead instructor for several doctoral level courses listed below, and member of the core faculty for the physical therapy department with multiple duties all detailed in later sections.

Clinic Director 2013-2019
Georgia State University Physical Therapy and Wellness Clinic
Department of Physical Therapy
Byrdine F. Lewis College of Nursing & Health Professions

Georgia State University Physical Therapy and Wellness Center

Organized the development and opening of the first physical therapy faculty clinic in GSU's history. Responsible for the evaluation and treatment of most of the patients who attended therapy appointments on campus as well as management of the schedule and supervision of the business manager. The clinic is a non-profit stand-alone institution on campus providing the highest quality outpatient orthopedic and neurological physical therapy care.

Owner 2007-Present

Pro Performance Therapy
Marietta, GA

Founded an outpatient orthopedic practice with an emphasis on sport-specific rehabilitation with a goal of providing high-quality therapy in an environment that allows the patient to learn along with the ever-present students. Providing skilled physical therapy to patients with a wide variety of orthopedic pathologies from varied backgrounds, ethnicities, genders, and ages. Creating an environment to function as a clinical instructor to students from Duke University, University of North Georgia, Emory University, University of Southern California, Columbia University, Armstrong Atlantic State University, and Georgia State University.

Part-time Instructor 2012-2013

Department of Physical Therapy
Byrdine F. Lewis College of Nursing & Health Professions
Georgia State University

Lead instructor for PT 8825 PT Management of Orthopedic Disorders V, an orthopedic clinical reasoning course provided to 3rd year students prior to their final clinical rotations. Course coordinator for PT management of cardiopulmonary disorders for 1st year students with primary responsibilities including teaching of cardiac physiology and pathophysiology and clinical relevance for the orthopedic therapist.

Clinic Director 2005-2007

Physiotherapy Associates, Johns Creek location
Suwanee, Georgia

Responsible for providing high quality outpatient orthopedic physical therapy care with an emphasis on sport-specific rehabilitation. Management of several employees including physical therapists, physical therapist assistants, and front office staff. Management of an annual budget, and responsible for monitoring overhead and profitability. Created and implemented external marketing strategies for local physicians, and internal marketing to increase word-of-mouth referrals. Clinical instructor to physical therapy students from Columbia University, Emory University, Duke University, and North Georgia College and State University.

Lead Staff Therapist 2002-2005

Physiotherapy Associates, Johns Creek location
Suwanee, Georgia

Responsible for evaluating and treating outpatient orthopedic physical therapy patients with a variety of pathologies under the mentorship of Robert Donatelli, PT, Ph.D, OCS. Developed clinical education program for students from Columbia University, the University of Southern California, and Duke University. Clinical instructor to DPT students from the above universities. Created and implemented external marketing strategies to local physicians and schools. Created a monthly in-service program to further therapist continuing education.

IV. INSTRUCTION

a. Teaching: Graduate Level

Department of Physical Therapy
Byrdine F. Lewis School of Nursing & Health Professions
Georgia State University

Summer 2021

- PT 7850 Clinical Internship II and III (12 students, 6 CH)
- PT 8709 Professional Practice III: Management (42 students, 2 CH)

Spring 2021

- PT 6810 Functional Anatomy II (44 students, 4 CH)
- PT 7130 PT Interventions III (42 students, 3 CH)
- PT 8840 PT Interventions IV (39 students, 3 CH)
- PT 8930 Special Topics: Advanced Musculoskeletal (9 students, 2 CH)

Fall 2020

- PT 6610 Functional Anatomy I [44 students, 4 CH (Credit Hours)]
- PT 6900 PT Management of Cardiopulmonary Disorders (43 students, 4 CH)
- PT 8700 Evidence-Based Practice III (11 students, 1 CH)
- PT 8825 PT Management of Musculoskeletal Disorders V (39 students, 3 CH)

Summer 2020

- PT 7850 Clinical Internship II and III (11 students, 6 CH)
- PT 8709 Professional Practice III: Management (39 students, 2 CH)

Spring 2020

- PT 6810 Functional Anatomy II (44 students, 4 CH)
- PT 7130 PT Interventions III (39 students, 3 CH)
- PT 8840 PT Interventions IV (41 students, 3 CH)
- PT 8930 Special Topics: Advanced Musculoskeletal (9 students, 2 CH)

Fall 2019

- PT 6610 Functional Anatomy I (44 students, 4 CH)
- PT 6900 PT Management of Cardiopulmonary Disorders (40 students, 4 CH)
- PT 8700 Evidence-Based Practice III (10 students, 1 CH)
- PT 8825 PT Management of Musculoskeletal Disorders V (41 students, 3 CH)

Summer 2019

- PT 7850 Clinical Internship II and III (10 students, 6 CH)
- PT 8709 Professional Practice III: Management (41 students, 2 CH)

Spring 2019

- PT 7135 Therapeutic Application of Physical Agents (41 students, 1 CH)
- PT 8840 PT Interventions IV (41 students, 3 CH)
- PT 8930 Special Topics: Advanced Musculoskeletal (14 students, 2 CH)

Fall 2018

- PT 6900 PT Management of Cardiopulmonary Disorders (41 students, 4 CH)
- PT 8700 Evidence-Based Practice III (12 students, 1 CH)
- PT 8825 PT Management of Musculoskeletal Disorders V (41 students, 3 CH)

Summer 2018

- PT 7800 Evidence-Based Practice II (13 students, 1CH)
- PT 7850 Clinical Internship II and III (11 students, 6 CH)
- PT 8709 Professional Practice III: Management (41 students, 2 CH)

Spring 2018

- PT 8840 PT Interventions IV (36 students, 3 CH)
- PT 8930 Special Topics: Advanced Musculoskeletal (8 students, 2 CH)

Fall 2017

- PT 6900 PT Management of Cardiopulmonary Disorders (40 students, 4 CH)
- PT 8700 Evidence-Based Practice III (11 students, 1 CH)
- PT 8825 PT Management of Musculoskeletal Disorders V (35 students, 3 CH)

Summer 2017

- PT 7250 Clinical Internship II and III (10 students 6 CH)
- PT 7800 Evidence-Based Practice II (10 students, 1 CH)
- PT 8709 Professional Practice III: Management (36 students, 2 CH)

Spring 2017

- PT 8840 PT Interventions IV (36 students, 3 CH)
- PT 8930 Special Topics: Advanced Musculoskeletal (11 students, 2 CH)

Fall 2016

- PT 6900 PT Management of Cardiopulmonary Disorders (36 students, 4 CH)
- PT 8700 Evidence-Based Practice III (10 students, 1 CH)
- PT 8825 PT Management of Musculoskeletal Disorders V (36 students, 3 CH)

Summer 2016

- PT 7250 Clinical Internship II (6 students, 6 CH)
- PT 8709 Professional Practice III: Management (36 students, 2 CH)

Spring 2016

- PT 8709 Professional Practice III: Management (35 students, 3 CH)
- PT 8930 Special Topics: Advanced Musculoskeletal (16 students 3 CH)

Fall 2015

- PT 6900 PT Management of Cardiopulmonary Disorders (36 students, 4 CH)
- PT 8825 PT Management of Musculoskeletal Disorders V (35 students, 4 CH)
- PT 8840 PT Interventions IV (35 students, 3 CH)

Fall 2014

- PT 8825 PT Management of Musculoskeletal Disorders V (31 students, 4 CH)
- PT 8840 PT Interventions IV (31 students, 3 CH)

Part-time Instructor

Fall 2013

- PT 8825 PT Management of Musculoskeletal Disorders V (33 students, 4 CH)

Spring 2013

- PT 6900 PT Management of Cardiopulmonary Disorders (35 students, 3 CH)

Fall 2012

- PT 8825 PT Management of Musculoskeletal Disorders V (31 students, 4 CH)

ii. *Guest Lecturing in Other Courses*

Fall 2019

- BMSC 2100 Careers in Biomedical Sciences: “Physical Therapy as a profession” presented on October 15th, 2019

Fall 2018

- KH 2130 Introduction to Kinesiology and Health: “Why choose PT for your next degree” presented on September 6th, 2018 and on October 24th, 2018

Spring 2018

- PT 7135 Therapeutic Application of Physical Agents: “The Science of Dry Needling” presented on March 6th, 2018
- CNHP 3200/6200 Inter-Professional Education: “Physical therapy’s role in Healthcare” presented February 14th, 2018

iii. *Teaching: Post Graduate Level*

Continuing education provided to licensed practitioners

- New Innovations in Physical Therapy Modalities (#7112) ©2018
 - Webinar 2018
- Biomechanical Considerations in Rehabilitation for Lower Extremity Injuries With a Focus on Running (#112) © 2015
 - 2 lectures 2015

b. Student Advisement

i. NA

ii. NA

iii. NA

iv. *Clinical Supervision and Advisement of Students Needing Additional Support*

Provide mentorship and support to students requiring additional work in the outpatient clinic setting. Instruction in professional behavior and clinical reasoning to advance the student’s understanding and provide an opportunity for improvement.

- 1-2 students per year 2015-2019 (Names and dates available upon request)

Graduate student advisement

Provide advisement to 10-15 DPT students per year. Advisement includes regular meetings and discussion of courses and professional development. Academic and professional support in the program, with faculty members, and with peers for a variety of individualized needs.

V. SCHOLARSHIP AND PROFESSIONAL DEVELOPMENT

a. Publications:

i. *Journal articles*

Published:

Irwin J, Espino D, Matthews C, Scott, T (2019) *Second Year Doctor of Physical Therapy Students Less Proficient at Goniometry than the Reported Norm*. International Phys Med and Rehab J 4(4): 161-64.

Irwin J, Richards KM, Johnson MS, Clark D, Housley SN (2017) *An Attempt to Improve Accuracy and Reliability of Shoulder Active Range of Motion Goniometric Measurement: A Randomized Controlled Trial*. International J Orthop Stu 1(1):1-4.

ii. *Book Chapters*

Donatelli R, **Irwin J**, Johanson M, Gonzalez-King B: Differential Soft Tissue Diagnosis. In Donatelli RA, editor: *Physical Therapy of the Shoulder* ed 4, Philadelphia, 2004, Churchill Livingstone.

Wooden M, **Irwin J**, Conaway D: Shoulder Girdle Fractures. In Donatelli RA, editor: *Physical Therapy of the Shoulder* ed 4, Philadelphia, 2004, Churchill Livingstone

iii. *Books – NA*

iv. *Monographs – NA*

v. *Proceedings and Abstracts – NA*

vi. *Other significant publications – NA*

b. Sponsored Projects and Contracts

i. *Grants and Funding*

1. External – NA

2. Contracts/Subcontracts – NA

3. Internal

a. Funded Projects

Tech Fee Proposal Task Force (College level, Co-PI)

Spring 2018

- Collaborate with PT and OT faculty to develop a proposal to renovate the technology in PSC 451
- Attend meetings, edit documents, and provide support to create the proposal that ended with successful attainment of funds to upgrade the technology in the classroom
- Successfully obtained \$33,587 for upgrades to PSC 451

Tech Fee Proposal (College level, PI)

Fall 2018

- Create documentation to support the need for tech fee funding to upgrade the technology in PSC 444
- Collaborate with PT and OT faculty to develop a proposal to renovate the technology in PSC 444
- Attend meetings, edit documents, and provide leadership to create the proposal that for the purpose of successful attainment of funds to upgrade the technology in the classroom

b. Submitted projects

NA

ii. *Professional Presentations*

1. Presented Papers - NA

2. Poster Presentations:

Wilson, A., Sims, M, Tidwell, L., Irwin, J.P. “*Low Back Injury Prevention in Collegiate Female Volleyball Players*” Presented (refereed) at the Fall meeting of APTA Georgia; A state level event Online; October 2020

Summerford, E.T., Dehnke, C.L., Warren, G.L., Irwin, J.P. “*Blood Flow Restriction Training for Enhancing Knee Extensor Strength in Individuals with Knee Pathology: A Systematic Review and Meta-Analysis*” Presented (refereed) at the Fall meeting of APTA Georgia; A state level event Online; October 2020

Smelser, D. P., Robbins, K.L., Hopkins, P. M., Warren, G. L., Irwin, J.P. “*Effectiveness of taping for reducing pain in patients with plantar fasciitis: A systematic review and meta-analysis.*”

Lecture Presentation for Southeast Chapter of the American College of Sports Medicine 43rd Annual Meeting, Greenville, SC; February 2016

Smelser, D. P., Robbins, K.L., Hopkins, P. M., Warren, G. L., Irwin, J.P. “*Effectiveness of Taping for Reducing Pain in Patients with Plantar Fasciitis as Compared to Other Conservative Treatments: A Systematic Review and Meta-Analysis.*” Presented (refereed) at the Fall meeting of the Physical Therapy Association of Georgia; A state level event; October 2015

Smelser, D. P., Robbins, K.L., Hopkins, P. M., Warren, G. L., Irwin, J.P. “*Effect of Kinesio® Tape on Pain with Activity: A Systematic Review and Meta-Analysis.*” Presented (refereed) at the Fall meeting of the Physical Therapy Association of Georgia; A state level event; October 2015

iii. *Editorial or Reviewer Projects*

Reviewer for the International Journal of Sports Physical Therapy. 2013-Present

iv. *Other Scholarship and Professional Development*

Invited Speaker:
Podium Presentation for Physical Therapy Association of Georgia
Physical Therapy Management of ACL tears Spring 2019

Podium Presentation for Physical Therapy Association of Georgia
Annual Meeting (IMPACT) Title: Diagnosis in Physical Therapy Spring 2018

Invited Speaker:
Stanbridge College PTA program, Irvine CA Fall 2015
Title: Getting the Max out of your Gluteus: Biomechanical Considerations in Low Back and Lower Extremity Rehabilitation

VI. **SERVICE**

a. **Practice Manager** (College and Department level) 2013-2019
Georgia State University Physical Therapy and Wellness Center

- Established the first non-profit (501 c3) clinic on campus with a primary focus on provision of physical therapy services to the faculty, staff, students, and community surrounding Georgia State University
- Implemented skilled physical therapy evaluation and treatment plans
- Supervised the billing/business manager
- Provided an opportunity for undergraduate and graduate student shadowing and mentorship

b. **Committee Service**

Interprofessional Education Committee Member (College level) Spring 2018-Present

- Assist in the development of course material related to IPE topics
- Collaborate with faculty across the College regarding strategies to improve interprofessional education

Student Services Committee Member (College level) Fall 2018-Present

- Attend meetings related to the provision of services.
- Provide instruction to students with regard to the use of funds
- Collaborate to appropriately distribute funds amongst the departments

Admissions Committee Chair (Department level) Fall 2017-2021

- Create criteria for acceptance based on newly generated principles for admission
- Actively seek high quality PT students
- Generate new search strategies and questions to fulfill the vision of the University, College, and Department
- Create questions for applications and interviews

Admissions Committee Member (Department level)

Fall 2016-Fall 2017

- Actively seek high quality PT students
- Generate new search strategies and questions to fulfill the vision of the University, College, and Department
- Create questions for applications and interviews

Long Term Planning Committee Member (Department level)

Fall 2016-Present

- Actively seek alumni participation in department events
- Recruit alumni to join the alumni association
- Collaborate with faculty and alumni to create and maintain the association

Ad Hoc Chair Search Committee Member
(College and Department level)

Fall 2016-Summer 2018

- Successfully sought out and found the new Chair of the Department of Physical Therapy

c. Service to the professional discipline (covered in section IV)

d. Service to the Community

Physical Therapist (University recognition internationally)

U.S.A. Bobsled/Skeleton Confederation Medical Team

World Cup Tour, St. Moritz, Switzerland

January 2015

World Cup Tour, Königssee, Germany

January 2015

World Cup Tour, Salt Lake City, Utah, USA

December 2013

World Cup Tour, Calgary, Alberta, Canada

November 2013

Invited Speaker

Fall 2015-present

University of Georgia – Rho Tau: Pre-PT Club
Athens, Georgia

- Invited to speak annually to the pre-physical therapy club at UGA about the DPT program at Georgia State University. Present information about the program and answer questions from potential DPT candidates. Promote the department and the school through active instruction and participation.

Guest Lecturer

Spring 2016

High Meadows School
Roswell, Georgia

- Invited to speak to two classes of third graders about musculoskeletal anatomy utilizing visual aids, hands-on lab, and models to engage students in their “Who We Are: Human Body Inquiry Study.”

Invited Speaker

Fall 2014 and Summer 2015

Georgia Power Line Workers
Atlanta, Georgia

- Invited to speak regarding injury prevention at two events for the line workers of Georgia Power. Discussed common injuries and exercises to avoid overuse injuries as well as answering questions and promoting the field of physical therapy while representing Georgia State University.

Invited Speaker

December 2012-2018

Summerour Middle School

Norcross, Georgia

- Invited to speak annually to several classes of middle school students about the field of physical therapy and how basic sciences are utilized in a real world environment. Discuss the educational requirement and joy of being involved in the profession as well as answer questions while promoting the field of physical therapy.

e. Publications in local newsletter

“Go to a Physical Therapist First” Published in the Chimney Sweep August 2018

- Two page article in a local neighborhood publication regarding the role of Physical Therapy in early diagnosis and treatment of musculoskeletal disorders.

f. Media presentations – NA

g. Additional significant service not captured in a-f – NA

VII. PROFESSIONAL AND HONOR ORGANIZATION ACTIVITIES

a. Member

American Physical Therapy Association (APTA) 1999-Present

Physical Therapy Association of Georgia (PTAG) 2002-Present

c. Delegate APTA House of Delegates 2019-Present

June 2020, Virtual

June 2016, Nashville, TN 2012-2016

June 2015, National Harbor, VA

June 2014, Charlotte, NC

June 2013, Salt Lake City, UT

c. Committees

PTAG Legislative Chair 2006-2012

PTAG Legislative Committee member 2005-2006

d. Other Professional and Honor Organization activities

Attended Combined Section Meeting of APTA

February 2020, Denver, Colorado

January 2019, Washington D.C.

February 2018, New Orleans, LA

February 2017, San Antonio, Texas

February 2016, Anaheim, California

Attended PTAG annual Conferences 2003-Present

VIII. HONORS, AWARDS, AND RECOGNITIONS

a. PTAG Merit Award for Exceptional Service and Achievement February 2019

- This is the highest award given by the state's professional organization for demonstrating outstanding leadership in the profession, research, and practice.

Subject of GSU Website, Spotlight Article January 2014

Road to Sochi

- Subject of an article written to promote the Department of Physical Therapy at Georgia State University regarding work with the U.S. National Bobsled and Skeleton team in the winter of 2013.