

**The Faculty of Medicine of Harvard University
Curriculum Vitae**

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Name: Andrea Stracciolini, MD

Office Address: Boston Children's Hospital
Department of Orthopaedics | Division of Sports Medicine
Department of Medicine | Division of Emergency Medicine
319 Longwood Avenue
Boston, MA 02115 United States

Home Address: 110 Wellesley Avenue
Wellesley, Massachusetts 02481 United States

Work Phone: Administrative Assistance | 781.216.2866
Appointments | 617.355.3501

Work Email: Andrea.Stracciolini@childrens.harvard.edu

Place of Birth: Bryn Mawr, Pennsylvania, United States

Education

9/1987	BSN	School of Nursing	University of Pennsylvania
9/1990	Post-Baccalaureate	Premedical Education	University of Pennsylvania
8/1994	MD	School of Medicine	University of Pennsylvania

Postdoctoral Training

7/94-7/97	Resident	General Pediatrics	The Children's Hospital of Philadelphia
7/97-7/2000	Fellow	Pediatric Emergency Medicine	Boston Children's Hospital
7/2000-7/01	Fellow	Sports Medicine	Boston Children's Hospital

Faculty Academic Appointments

9/99-8/12	Instructor	Pediatrics	Harvard Medical School
9/13-	Assistant Professor	Pediatrics	Harvard Medical School
9/17-	Assistant Professor	Orthopedics	Harvard Medical School

Appointments at Hospitals/Affiliated Institutions

6/86-6/87	Staff Nurse	Neonatal Intensive Care	Thomas Jefferson University Hospital
6/87-7/91	Staff Nurse	Medical/Surgical	The Children's Hospital of Philadelphia
9/97-11/09	Staff Physician	Emergency Medicine	Winchester Hospital
10/99-11/09	Assistant in Medicine	Pediatric Emergency Medicine	Boston Children's Hospital
11/01-	Assistant in Orthopaedics	Sports Medicine	Boston Children's Hospital

Other Professional Positions

2000-2007	Head Physician Performing Arts	Walnut Hill School for the Arts, Natick, MA
2001-2004	Head Team Physician	Emmanuel College, Boston, MA
2002-2004	Primary Care Physician	Massachusetts College of Art, Boston, MA
2006-	Head Team Physician	Cambridge School of Weston, Weston, MA
2010-2012	Co-Team Physician	Northeastern University Women's Soccer
2010-	Co-Team Physician	Babson College, Wellesley, MA
2010-	Head Team Physician	The Dana Hall School, Wellesley, MA
2011-	Head Performing Arts Physician	Boston Arts Academy, Boston, MA
2012-	Head Team Physician	Gann Academy, Newton, MA

Board Memberships

2013-2015	Advisory Board	The Micheli Center for Sports Injury Prevention
2015-2018	Executive Board of Directors	Pediatric Research in Sports Medicine (PRISM)
2019-	Executive Board of Directors	Children's Orthopedic Surgery Foundation (COSF)

Major Administrative Leadership Positions

Local

2004	Medical Event Supervisor Baystate Games of Massachusetts	Boston Children's Hospital Division of Sports Medicine
2010-	Director, Section of Performing Arts	Division of Sports Medicine

		Department of Orthopaedics Boston Children's Hospital
2014	Course Director The Evaluation of the Young Injured Dancer Foot and Ankle Clinical Symposium	Boston Children's Hospital Division of Sports Medicine Waltham, MA
2015	Course Director The Evaluation of the Young Dancer Back Pain Clinical Symposium	Boston Children's Hospital Division of Sports Medicine Waltham, MA
2016	Course Director The Young Dancer Dance Healthy Clinical Symposium	Boston Children's Hospital Division of Sports Medicine Waltham, MA
2020-	Director, Medical Sports Medicine	Division of Sports Medicine Department of Orthopaedics Boston Children's Hospital, Boston MA

Committee Service

Local

2008-2017	Fellowship Selection Committee Division of Sports Medicine	Boston Children's Hospital Member
2008-	ACGME Primary Care Sports Medicine Accreditation Committee	Boston Children's Hospital Member
2010-2012	The Micheli Center for Sports Injury Prevention Facility Planning and Program Development	Boston Children's Hospital Member
2015-	Medical Clinical Core Competencies Committee Primary Care Sports Medicine Fellowship	Boston Children's Hospital Member
2015-	Scientific Review Board Research	Boston Children's Hospital Member
2018-	Orthopedic Surgery Foundation (COSF) Sports Medicine Representative	Boston Children's Hospital Member Liaison
2020-	Pediatric and Young Adult Hip Preservation Program Hip Research Monthly Meeting	Boston Children's Hospital Chair

National

2011-	Youth Sports and Fitness Health Committee	American College of Sports Medicine Member
2010-2011	Regional Meeting Program Development	New England Chapter American College of Sports Medicine Member
2012-	Council on Sports Medicine and Fitness	American Academy of Pediatrics

		Member
2013-2018	Task force on Clinical Sports Medicine Engagement	American College of Sports Medicine Member
2017-	MSK Ultrasound Research Interest Group	Pediatric Research in Sports Medicine Chair

Professional Societies

1987-1991	American Nurses Association (ANA)	Member
1994-	American Academy of Pediatrics (AAP)	Member
1994-2002	American Medical Association (AMA)	Member
1999-2007	Disaster Medical Alert Team (DMAT)	Member
1999-2007	International Medical Surgical Alert Team (IMSURT)	Member
2000-2002	American Medical Athletic Association (AMAA)	Member
2000-	American College of Sports Medicine (ACSM)	Member
2000-	New England Chapter American College of Sports Medicine (NEACSM)	Member
2010-	Fellow of the American Academy of Pediatrics (FAAP)	Member
2010-2012	National Strength and Conditioning Association (NSCA)	Member
2011-	International Association of Dance Medicine and Science (IADMS)	Member
2012-2015	International Federation of Sports Medicine (FIMS)	Member
2013-	American Medical Society for Sports Medicine (AMSSM)	Member
2013-	Fellow of the American College of Sports Medicine (FACSM)	Member
2013-2016	The Micheli Center for Sports Injury Prevention	Board of Directors
2014-	The American Institute Ultrasound Medicine (AIUM)	Member
2015-	Pediatric Research in Sports Medicine (PRISM)	Member
2015-2018	Pediatric Research in Sports Medicine (PRISM)	Board of Directors

Grant Review Activities

2018-2020	Young Investigators Foundation Grant Review Committee	AMSSM
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Editorial Activities

Ad hoc Reviewer

Journal of Dance Medicine and Science | official journal IADMS

Current Sports Medicine Reports | official clinical journal ACSM

American Journal of Sports Medicine | official journal AOSSM

The Physician and Sports Medicine

Sports Health | official journal ACSM

Clinical Journal of Sports Medicine | official journal AMSSM

Pediatrics | official journal AAP

Editorial Board Membership

2013- Editorial Board Member *Current Sports Medicine Reports* | ACSM

2020- Editorial Board Member *Medicine Science and Performing Arts Journal*

Editorial Books and Journals

2016 Book Co-editor The Young Female Athlete. 2016 Springer (In Press)

2019 Journal Co-editor Youth Sport Specialization Special Edition | *Journal of Athletic Training*

Report of Funded and Unfunded Projects

Past

2014-2015 The Evaluation of Physical Activity in Children by Primary Care Clinicians
Sports Medicine Research Foundation
PI (Internal grant \$10,000)
The goal was to develop a questionnaire investigating the barriers and attitudes surrounding the evaluation of physical activity in children by health care providers

2015 Defining the Osseous Morphology of Female Athletes with Femoral Acetabular Impingement
PI (Internal grant \$1,580)
Primary Care Sports Medicine Research Grant, Orthopaedics Department, Boston Children's Hospital. The goal was to better understand the association between hip anatomy and female athletes with FAI.

2017-2019 The Pediatric Physical Activity Vital Sign: Screening Children for Exercise Deficit Disorder (EDD) AMSSM ACSM Foundation Award
PI (\$20,000)
The goal was to support the development of a pediatric physical activity vital sign (PAVSPED) aimed at the early detection of children with EDD.

Current

- 2019-2021 Injuries of Organized Sports (IOS)
AMSSM Foundation Award
Co-investigator and site PI (\$100,000) (PI: Neeru Jayanthi MD, Emory University and Medical Center). The goal is to investigate acute, chronic and concussion associations of injury in children on long term health outcomes.
- 2020-2022 The Pediatric Physical Activity Vital Sign: Screening Children with Cerebral Palsy for Exercise Deficit Disorder
AMSSM Foundation Award
PI (\$25,000)
Funds to investigate and develop the PAVS_{PED-CP}; a clinical screen for physical inactivity for children with disabilities, namely cerebral palsy. Future plans include applying and investigating similar models for children with other disabilities including, for example, Autism, ADHD, Down's Syndrome.
- 2020-2021 The Pediatric Physical Activity Vital Sign: Feasibility of Clinical Integration into Primary Care Pediatric Clinical Practice
ICCTR Boston Children's Hospital Internal Grant Award
PI (\$10,000)
Funds to investigate the feasibility and efficacy of clinical integration of the PAVS_{PED}; Future plans are to lead a multi-center trial that aims to integrate the physical literacy screen into care with proposed child physical literacy training and intervention.

Current Unfunded Projects

- 2011- Exercise Deficit Disorder (EDD) in Youth
Multi center collaboration with Cincinnati Children's Medical Center
Building the bridge between exercise specialists and the medical professional/pediatrician
- 2012- Prospective Cohort Study of Risk Factor for Sport-Related Injuries, Co-investigator
Athletes assessed at the Micheli Center for Sports Injury Prevention have measurements made of anatomic, physiologic, and behavioral variables, in order to develop an individualized injury profile. We track these athletes to determine risk factors most associated with sports injuries.
- 2015- BEAR II Randomized Control Trial | Bridge Enhanced ACL Repair | PI Dr. Martha Murray |
Primary role - post-operative evaluation and return to sport clearance; clinical support (no funding provided to me)
Clinical Trial Evaluating the Non-Inferiority of Bridge Enhanced ACL Repair to ACL Reconstruction with an Autologous Tendon Graft (ACLR)
- 2015- Play, Lifestyle, Activity & Youth (PLAY) | Development of the Pediatric Exercise Vital Sign
PAVS_{PED} Promoting screening of all children for physical literacy throughout healthcare
- 2018- Longterm QoL Outcomes in Dance, Principal Investigator
Questionnaire study following dancer's long term to determine quality of life and health outcomes | Data collection continuing
- 2018- Dynamic Hip Ultrasound, Principal Investigator
Development of dynamic hip ultrasonography in evaluating patients for hip microinstability |
Data collection complete | manuscripts (3) in preparation

Report of Local Teaching and Training

Formal Teaching of Residents, Clinical Fellows and Research Fellows (post-docs)

1997-2000	Burn Management in the Pediatric Patient Pediatric Residents	Boston Children's Hospital Boston Medical Center 1 hour/year
1999-2001	Pediatric Fracture Management Pediatric Residents	Boston Children's Hospital Boston Medical Center 1 hour/year
2000-2004	Musculoskeletal Physical Examination Pediatric Residents	Boston Children's Hospital Boston Medical Center 1 hour/year
2001-2014	Musculoskeletal Physical Examination Pediatric Emergency Medicine Fellows	Boston Children's Hospital Division of Emergency Medicine 1 hour/year
2001-2004	Pediatric Sports Medicine Pediatric Residents	Boston Children's Hospital Boston Medical Center 1 hour/year
2004-2014	Physical Examination of the Knee Sports Medicine Fellows	Boston Children's Hospital Division of Sports Medicine 1 hour/year
2004-2009	Sports Dermatology Sports Medicine Fellows	Boston Children's Hospital Division of Sports Medicine 1 hour/year
2010-2014	Exercise and Pregnancy Sports Medicine Fellows	Boston Children's Hospital Division of Sports Medicine 1 hour/year
2010-17	Objective Structured Clinical Examination Clinical patient centered training Sports Medicine Fellows	Boston Children's Hospital 2 Sessions /year
2011-2013	Juvenile Osteochondritis Dissecans Sports Medicine Fellows	Boston Children's Hospital Division of Sports Medicine 1 hour/year
2012-2016	Exercise Deficit Disorder in Youth Sports Medicine Fellows	Boston Children's Hospital Division of Sports Medicine 1 hour/year
2015-2018	PE of the Athlete with Hip Pain Sports Medicine Fellows	Boston Children's Hospital Division of Sports Medicine 1 hour/year
2018-	Musculoskeletal Ultrasound Joints	Boston Children's Hospital

	Sports Medicine Fellows	Division of Sports Medicine 8 hours/year
2019-	Ultrasound Bootcamp Sports Medicine Fellows	Boston Children's Hospital Division of Sports Medicine 4 hours/year
2020	Musculoskeletal Ultrasound Exam Review Sports Medicine Fellows	Boston Children's Hospital Division of Sports Medicine 1 hour/year

Clinical Supervisory and Training Responsibilities

2000-2009	Clinical teaching and supervisor Pediatric residents and medical students	Boston Children's Hospital Division of Emergency Medicine 3-4 Shifts/week
2000-2009	Clinical teaching and supervisor Pediatric Emergency Medicine (PEM) Fellows	Boston Children's Hospital Division of Emergency Medicine 3-4 Shifts/week
2001-	Clinical teaching and supervisor Sports Medicine Fellows	Boston Children's Hospital Division of Sports Medicine 8 Sessions /year
2001-	Clinical teaching and supervisor Pediatric residents and medical students	Boston Children's Hospital Division of Sports Medicine 2 Sessions /year
2001-	Clinical teaching and supervisor PEM Fellows	Boston Children's Hospital Division of Sports Medicine 1 Session/week

Formal Supervisory of Trainees and Faculty

Mentored Trainees and Faculty

2011-2015	Purnima Bansal, MD, Attending Family Medicine, Gwinnett Medical Center, Northside Hospital Health Care System Career stage: Sports Medicine Fellow Mentoring Role: professional and clinical research Accomplishments: one poster presentation at the American Medical Society for Sports Medicine and co- author manuscript published.	
2011-2017	Emily Hanson, ATC, Athletic Trainer (RN BSN, Lahey Hospital) Career stage: staff division of sports medicine, Pre-medical/nursing Student Mentoring Role: professional and clinical research Accomplishments: developed and fulfilled a leadership role at the Micheli Center for Sports Injury Prevention involving research, education of the community and colleagues, development of injury prevention training protocols and manuscript creation for the center. Continued career support and guidance has led her to pursue medicine as a career path. One first author publication, three middle author publications.	
2012-2015	Amy X. Yin, MD, Attending Primary Care Sports Medicine and PM&R Kaiser Permanente San Leandro Medical Center Mentoring Role: professional and clinical research	

Accomplishments | poster presentation at the American College of Sports Medicine and three poster presentations at the American Medical Society for Sports Medicine and one at the American Academy of Physical Medicine and Rehabilitation Annual Assembly and Technical Exhibition | One first author publication.

- 2013-2017 Cassidy Foley, MD, Attending Pediatric Orthopedics & Sports Medicine, Nemours Children's Hospital | Mentoring Role: professional and clinical research | Accomplishments: one poster presentation at the American College of Sports Medicine and manuscript accepted for publication.
- 2014-2015 Samantha L. Bowen, MS, Program Manager, Maine Medical Center | Mentoring Role: professional development and clinical research | Accomplishments: Completed a semester internship focusing on research devoted to training children with special needs. Continued mentorship after graduation resulted in one manuscript on the evaluation of the effects of neuromuscular training in children with Down Syndrome-middle author.
- 2015-2016 Katherine Eisenberg, BS, 2nd Year Medical Student, Midwestern University, Illinois | Mentoring role: professional and clinical research | Accomplishments: Served as Research Assistant | Dana Hall School Injury Prevention Research Study | co-author one manuscript published on BMI and TV in the bedroom
- 2016- Marina Gearhart, BA, Research Coordinator, BCH, Department of Adolescent Medicine | Mentoring Role: professional development and clinical research | Accomplishments: Served as research Assistant | Dance Medicine Research | first author manuscript accepted for publication and co-author of one manuscript published, and co-author of two chapters on dance medicine and injury prevention.
- 2016-2017 Joanna Fraser, MD, Attending Primary Care Sports Medicine, Boston Children's Hospital, Instructor HMS | Mentoring Role: professional development and clinical research | Accomplishments: Defining the osseous morphology of FAI in athletes/dancers | presented ACSM | manuscript published
- 2016-2017 Jennifer Luz, MD, Attending Primary Care Sports Medicine St. Elizabeth's Medical Center | Mentoring Role: professional development and clinical research | Accomplishments: Contributed to development of Exercise Deficit Disorder concept | Presented at the annual Boston Children's Hospital Sports Medicine Research Day | Awarded medical sports medicine best study | second author manuscript published
- 2019-2020 Rhonda Watkins, MD, Faculty Primary Care Sports Medicine UCSF, Assistant Professor UCSF Medical School | Mentoring Role: professional development and clinical research | Social Media Use Patterns in Athletes | Presented at the annual Boston Children's Hospital Sports Medicine Research Day | Awarded medical sports medicine best study | first author manuscript in preparation
- 2019-2020 Jacob Jones, MD, Faculty Primary Care Ultrasound Sports Medicine, Scottish Rite for Children Hospital, Assistant Professor | Mentoring Role: professional development and clinical research | Accomplishments: Dynamic Hip US in Patients After Hip Arthroscopy | Presented at the annual Boston Children's Hospital Sports Medicine Research Day | first author manuscript in preparation
- 2019-2020 Charles Scott, MD, Faculty Primary Care Sports Medicine Columbia University Irving Medical Center, Assistant Professor | Mentoring Role: professional development and clinical research | Accomplishments: Dynamic Hip US in Patients After Hip Arthroscopy | Presented at

the annual Boston Children's Hospital Sports Medicine Research Day | first author manuscript in preparation

Formal Teaching of Peers (e.g., CME and other continuing education courses)

No presentations below were sponsored by outside entities.

2007	The Female Athlete: From the Clinic to the Locker Room Marino Annual Lecture Series (CME) Division of Sports Medicine, Boston Children's Hospital	Invited Lecture Boston, MA
2008	The Female Athlete Marino Annual Lecture Series (CME) Division of Sports Medicine, Boston Children's Hospital	Invited Lecture Boston, MA
2009	Pregnancy and the Athlete Marino Annual Lecture Series (CME) Division of Sports Medicine, Boston Children's Hospital	Invited Lecture Boston, MA
2011	Pediatric Sports Injuries: Common Causes and Concerns The College of New Jersey Department of Exercise Physiology and Science	Invited Lecture Ewing, NJ
2013	Musculoskeletal Ultrasound Examination and Guided Injections for Pain Management (CME) Principles and Practice of Pain Medicine Harvard Medical School Beth Israel Deaconess Medical Center Department of Anesthesia	Invited Lecture Cambridge, MA
2013	The Biomechanics of Hip Injuries in the Young Dancer Injury Prevention Clinical Symposium Boston Children's Hospital, Division of Sports Medicine The Micheli Center for Sports Injury Prevention	Invited Clinical Lecture Waltham, MA
2013	Exercise and Pregnancy: A Closer Look at the Risks and Benefits National Conference The Female Athlete (Timberline Knolls) (CME) Boston Children's Hospital, Division of Sports Medicine	Invited Lecture Babson College, Wellesley, MA
2013	Injury Prevention in the Young Dancer: The Growth Factor The Annual Micheli Lecture on Sports Injury Prevention Boston Children's Hospital, Division of Sports Medicine	Invited Lecture Boston, MA
2014	The Non-surgical Approach to the Patient with Hip Pain The Pediatric and Young Adult Hip 2014: A Comprehensive and Multidisciplinary Approach Conference (CME) Boston Children's Hospital Harvard Medical School	Invited Lecture Boston, MA
2014	Strength Training for the Young Dancer: Benefits of Injury Prevention The Evaluation of the Young Injured Dancer with an Injury to the Foot and Ankle Clinical Symposium (CME) Boston Children's Hospital, The Micheli Center for Sports Injury Prevention	Invited Lecture Waltham, MA

2014	Ultrasound Examination of the Lower Extremity and Guided Injections for Pain Management Principles and Practice of Pain Medicine (CME) Harvard Medical School Beth Israel Deaconess Medical Center Department of Anesthesia	Invited Lecture Cambridge, MA
2014	The Physical Examination of the Hip Lecture Sports Medicine: Physical Examination, Imaging, and Diagnosis (CME) The Micheli Annual Lecture Series Boston Children's Hospital	Invited Lecture Boston, MA
2015	Physical Examination of the Young Dancer with Back Pain The Evaluation of the Young Dancer with Back Pain Dance Clinical Symposium (PT CME) Boston Children's Hospital Division of Sports Medicine	Invited Lecture Waltham, MA
2015	Special Considerations for the Female Throwing Athlete Annual Micheli Lecture on Sports Injury Prevention (CME) Boston Children's Hospital Division of Sports Medicine	Invited Lecture Boston, MA
2015	Training the Elite Child Athlete: Where Do We Draw the Line in the Sand? Clinical Symposium (CME) Northeastern University School of Physical Therapy	Invited Lecture Boston, MA
2016	Unique Issues for the Pediatric and Adolescent Dancer Dance Healthy Injury Prevention Clinical Symposium (CME) Boston Children's Hospital Division of Sports Medicine	Invited Lecture Waltham, MA
2016	Physical Activity Childhood and Physical Literacy EIM (CME) Pediatric and Adolescent Symposium Spaulding Rehabilitation Harvard Medical School	Invited Lecture Cambridge, MA
2017	Non-operative care of the young patient with hip pain The Synergy of Sports Medicine and Science The Annual Micheli Lecture on Sports Injury Prevention (CME) Boston Children's Hospital Division of Sports Medicine	Invited Lecture Boston, MA
2017	Dance Injury Research Update National Conference The Female Athlete (Timberline Knolls) (CME) Boston Children's Hospital Division of Sports Medicine	Invited Lecture Wellesley, MA
2017	Musculoskeletal Ultrasound of the Upper Extremity: Unique Issues of the Musician Injuries in the Musician Clinical Symposium (PT CME) The Micheli Center for Sports Injury Prevention	Invited Lecture Waltham, MA
2017	The Young Adolescent Hip, Sports Participation and Growth Hip/Pelvis Structure: Cross-Pollination Collaborative (CME)	Invited Lecture Seattle, WA
2018	The Young Gymnast Injury Profile: The Growth Factor The Micheli Center for Sports Injury Prevention (PT CME) Boston Children's Hospital Division of Sports Medicine	Invited Lecture Waltham, MA

2018	Epidemiology of Dance Injuries: A Pediatric Perspective Harvard Sports Medicine Course (CME)	Invited Lecture Cambridge, MA
2018	Musculoskeletal Ultrasound in the Dancer Harvard Sports Medicine Course (CME)	Invited Lecture Cambridge, MA
2018	Injury Prevention in Dance City of Arts and Innovation (CME) First Annual Dance Medicine Conference	Invited Lecture Winston-Salem, NC
2019	Early Sport Specialization & Overuse Injuries in Youth South Shore Hospital Pediatric Symposium (CME)	Invited lecture Weymouth, MA
2019	Female Athlete Hyperlaxity Understanding Hip Micro-instability National Conference The Female Athlete (Timberline Knolls) (CME) Boston Children's Hospital Division of Sports Medicine	Invited Lecture Wellesley, MA
2019	Performing Arts Medicine Clinical Science Lecture Female Athlete Conference (CME) (Timberline Knolls) Boston Children's Hospital Division of Sports Medicine	Invited Lecture Wellesley, MA
2019	Early Sport Specialization in Youth Sports Pediatric Health Care Summit South Shore Hospital (CME) Boston Children's Hospital Department of Pediatrics	Invited Lecture Weymouth, MA
2019	The Gymnast: Sport Specialization Overuse Injuries Harvard Sports Medicine Course (CME)	Invited Lecture Cambridge, MA
2019	Musculoskeletal Ultrasound Ankle Harvard Sports Medicine Course (CME)	Invited Lecture Cambridge, MA
2020	Epidemiology of Dance Harvard Sports Medicine Course (CME)	Invited Lecture Cambridge, MA

Local Invited Presentations

No presentations were sponsored by outside entities.

1998	Trampoline Injuries in Pediatrics Trauma Grand Rounds Boston Children's Hospital Boston, MA
1999	Injuries of Organized Sports in the Female Athlete Trauma Grand Rounds Boston Children's Hospital Boston, MA
2000	The Female Athlete Community Health and Primary Care Physicians' Conference Boston Children's Hospital Division of Sports Medicine Boston, MA
2001-2013	Pediatric Knee in Sports Medicine Single annual lecture Division of Sports Medicine, Boston Children's Hospital

- 2002-2010 Ankle and Foot Injuries in the Athlete | Single annual lecture
Division of Emergency Medicine, Boston Children’s Hospital
- 2002-2011 Shoulder, Knee and Back Injuries in the Young Athlete | Single annual lecture
Division of Emergency Medicine, Boston Children’s Hospital
- 2004-2009 Sports Dermatology | Single annual lecture | Division of Sports Medicine, Boston Children’s Hospital
- 2011-2013 Juvenile OCD: What’s New, What’s Old | Single annual lecture
What Works, What Doesn’t | Division of Sports Medicine, Boston Children’s Hospital
- 2011 PATH Program Involvement – Adolescent Obesity | Community Health Grand Rounds
Boston Children’s Hospital | Boston, MA
- 2012 Juvenile Osteochondritis Dissecans | Spaulding Rehabilitation Hospital Residency Program
Massachusetts General Hospital | Boston Children’s Hospital | Boston, MA
- 2013 Orthopaedic Complications of Obesity and Exercise Prescription | Clinical Lecture
Boston Children’s Hospital | Division of Endocrinology | Boston, MA
- 2014 Play, Lifestyle and Activity in Youth (PLAY) Questionnaire Study | Clinical Science Lecture
Division of Sports Medicine Fellows Research Day | Center for Life Sciences | Boston, MA
- 2014 Sports Related Concussion | Community Outreach Lecture
The Micheli Center for Sports Injury Prevention | Wellesley United Soccer Club | Wellesley
- 2015 The Associations of Television and Unmonitored Unrestricted Internet in the Room of Sleep
with BMI in Athletes | Clinical Science Lecture
Division of Sports Medicine Fellows Research Day | Center for Life Sciences | Boston, MA
- 2016 Health and Well-Being Profile of the Female Athlete Since Title IX | Clinical Science Lecture
Division of Sports Medicine Fellows Research Day | Boston Children’s Hospital | Boston, MA
- 2016 Unique Issues for the Pediatric and Adolescent Dancer | Lecture as part of the Dance Healthy
Clinical Symposium | Boston Children’s Hospital Division of Sports Medicine | Waltham, MA
- 2017 The Pediatric Exercise Vital Sign (PAVS_{PED}) | Clinical Science Lecture
Division of Sports Medicine Fellows Research Day | Boston Children’s Hospital | Boston, MA
- 2019 Sleep and Mental Health Relationship in Youth Athletes | Clinical Science Lecture
Division of Sports Medicine Fellows Research Day | Boston Children’s Hospital | Boston, MA

Report of Regional, National and International Invited Teaching and Presentations

Regional

No presentations were sponsored by outside entities.

- 2001 Turf Toe: Diagnosis and Treatment | Clinical Case Presentation
New England American College of Sports Medicine Annual Conference
Team Physician Course | Providence, RI

- 2002 DeQuervain's Tenosynovitis: Diagnosis and Treatment | Clinical Case Presentation
New England American College of Sports Medicine Annual Conference
Team Physician Course | Providence, RI
- 2005 Traction Apophysitis in the Young Athlete | Clinical Lecture
New England American College of Sports Medicine Annual Conference | Providence, RI
- 2007 Injuries in the Pediatric Athlete
Grand Rounds | Cape Cod Hospital | Hyannis, MA
- 2009 The Young Dancer: Spine and Pelvis | Clinical Lecture
New England American College of Sports Medicine Annual Conference | Providence, RI
- 2010 Orthopaedic Complications of Obesity | Clinical Lecture
New England American College of Sports Medicine Annual Conference | Providence, RI
- 2012 A Closer Look at Exercise in the Young Child: Can We Prepare Children for Physical Activity
to Promote Fitness and Safe Sports Participation? | Clinical Lecture
New England American College of Sports Medicine Annual Conference | Providence, RI
- 2012 Sports Concussions | Clinical Lecture
Academic and Sports Medicine Staff and Faculty Conference | Babson College | Wellesley
- 2013 The Evaluation and Treatment of the Young Dancer with Hip Pain | Clinical Colloquium
New England American College of Sports Medicine Annual Conference | Providence, RI
- 2015 Early Sports Specialization in Youth Sports | Clinical Colloquium
New England American College of Sports Medicine Annual Conference | Providence, RI
- 2020 New England Chapter of the American College of Sports Medicine Conference (NEACSM)
Expert Panel | Providence, RI

National

Those presentations below sponsored by outside entities are so noted and the sponsors are identified.

- 2001 Ischial Tuberosity Apophysitis in a Dancer | Case Presentation
American College of Sports Medicine Annual Conference and Exhibition | Baltimore, MD
- 2002 Sacral Stress Fracture in a Post-Partum Dancer | Case Presentation
American College of Sports Medicine Annual Conference and Exhibition | St. Louis, MO
- 2003 Traction Apophysitis in the Young Athlete | Symposium
American College of Sports Medicine Annual Conference and Exhibition | San Francisco, CA
- 2008 Sports Injuries in the Pediatric Athlete | Invited Lecture
American Academy of Pediatrics Annual Meeting | Boston, MA
- 2009 Exercise and Pregnancy | Invited Lecture
Diabetes and Exercise Society Conference | Boston, MA
- 2010 Ankle Pain in a High-Level Athlete | Case Presentation
American College of Sports Medicine Annual Conference and Exhibition | Baltimore, MD

- 2011 Juvenile OCD: What's New, What's Old, What Works and What Doesn't | Colloquium
American College of Sports Medicine Annual Conference and Exhibition | Denver, CO
- 2011 Orthopaedic Complications of Obesity | Colloquium
American College of Sports Medicine Annual Conference and Exhibition | Denver, CO
- 2012 Exercise Deficit Disorder in Youth: A New Paradigm for Preventive Medicine | Symposium
American College of Sports Medicine Annual Conference and Exhibition | San Francisco, CA
- 2013 The Young Dancers Hip: Turnout Properly or Not at All! | American College of Sports
Medicine | Symposium Annual Conference and Exhibition | Indianapolis, IN
- 2014 Femoroacetabular Impingement in the Young Athlete...To Operate or Not?! | Highlighted
Clinical Symposium | American College of Sports Medicine Annual Conference and
Exhibition | Orlando, FL
- 2014 Exercise is Medicine: Connecting Community and Clinical Practice | Tutorial
American College of Sports Medicine Annual Conference and Exhibition | Orlando, FL
- 2014 The Functional Evaluation of the Dancer | Workshop
American College of Sports Medicine Annual Conference and Exhibition | Orlando, FL
- 2015 The Role of Protective Equipment in Sports Related Concussion
Pediatric Research in Sports Medicine National Conference (PRISM) | Ft. Lauderdale, FL
- 2015 Hip Pain in the Adolescent Athlete: Beyond FAI | Tutorial
American College of Sports Medicine Annual Conference and Exhibition | San Diego, CA
- 2015 Exercise and the Elite Child Athlete: Where Do We Draw Out Line in the Sand? | Tutorial
American College of Sports Medicine Annual Conference and Exhibition | San Diego, CA
- 2015 The Pediatric Dancer: Talking the Talk | Workshop
American College of Sports Medicine Annual Conference and Exhibition | San Diego, CA
- 2016 Ultrasound of the Shoulder in Athletes | Lecture
Pediatric Research in Sports Medicine (PRISM) | San Diego, CA
- 2016 Unique Issues in the Pediatric Dancer | Clinical Symposium The Healthy Dancer
American College of Sports Medicine Annual Conference and Exhibition | Boston, MA
- 2016 Exercise Deficit Disorder Diagnosis and Screening: It Only Takes a Minute | Clinical
Symposium | American College of Sports Medicine Annual Conference and Exhibition |
Boston, MA
- 2016 Physical Examination of the Dancers Hip | Work Shop PE of the Dancer
American College of Sports Medicine Annual Conference and Exhibition | Boston, MA
- 2016 Dynamic Ultrasound of the Athletes Hip | Workshop Ultrasound of the Hip
American College of Sports Medicine | Annual Conference and Exhibition | Boston, MA
- 2017 Unique Pediatric Populations in Sports Medicine: The Physically Inactive Child and the Obese
Child | Invited Instructional Course Lecture

Pediatric Research in Sports Medicine (PRISM) | Dallas, TX

- 2017 Unique Issues for the Pre-pubescent Athlete | Invited Keynote | AAP exchange lecturer
American Medical Society for Sports Medicine | San Diego, CA
- 2017 Early Sport Specialization and the Young Athletes Hip | Symposium
American College of Sports Medicine Annual Conference and Exhibition | Denver, CO
- 2018 Dynamic Ultrasound of the Athletes Hip | Workshop Ultrasound of the Hip
American College of Sports Medicine Annual Conference and Exhibition | Minneapolis, MN
- 2018 Injury Prevention in Dance
City of Arts and Innovation First Annual Dance Medicine Conference | Winston-Salem, NC
- 2019 Early Specialization and Its Implications: Injury Prevention in Dance
City of Arts and Innovation Second Annual Dance Medicine Conference | Winston-Salem, NC
- 2019 Musculoskeletal Ultrasound | Team Physician Course | Invited lecture/Course leader
American College of Sports Medicine | New Orleans, LA
- 2019 Sleep and Mental Health Associations | Podium presentation
Pediatric Research in Sports Medicine (PRiSM) | Atlanta, GA
- 2019 EDD Are We Ready To Make The Diagnosis?
American Medical Society for Sports Medicine | Houston, TX
- 2019 YESSS Youth Early Sport Specialization Symposium | Expert Panel
American Medical Society for Sports Medicine | Houston, TX
- 2019 Understanding Hip Micro instability | Clinical Workshop
American College of Sports Medicine | Annual Conference and Exhibition | Orlando, FL
- 2020 Play, Lifestyle, And Activity In Youth (PLAY) Study: Development Of The Pediatric Physical
Activity Vital Sign | Research Podium Presentation
American Medical Society for Sports Medicine | Atlanta, GA
- 2020 Rising with Research | Invited Moderator
American Medical Society for Sports Medicine | Atlanta, GA
- 2020 Health and Well-being Measures in Youth Sports | Virtual Zoom Lecture
Emory Sports Medicine Lecture Series COVID | Atlanta, GA
- 2020 The Hip Exam | Workshop Ultrasound and PE of the Hip
American College of Sports Medicine Annual Conference and Exhibition | San Francisco, CA
- 2020 The Pediatric Athlete: 2020 Symposium, Chair
American College of Sports Medicine Annual Conference and Exhibition | San Francisco, CA
- 2020 Feasibility and Reliability of Musculoskeletal Ultrasound Measurement of the Medial
Patellofemoral Ligament | Podium Presentation
Pediatric Research in Sports Medicine (PRiSM) | Phoenix, AZ

International

No presentations were sponsored by outside entities.

- 2011 Youth Sports Injuries: Common Concerns, Causes, and Coordinating for a Cure | Invited Lecture | First International Symposium of Pediatric Physical Activity
Universidad Europa de Madrid | Madrid, Spain
- 2012 Ultrasound of the Athletes Hip: Clinical Examination and Diagnosis Correlation
International Federation of Sports Medicine (FIMS)
XXXII World Congress of Sports Medicine | Rome, Italy
- 2014 Sports Related Hip Injuries in Children: A Cross Sectional Epidemiological Study
Federation International Medicine de Sport (FIMS)
XXXIII World Congress of Sports Medicine | Quebec City, Canada

Report of Clinical Activities and Innovations

Current Licensure and Certification

- 1987 Board Certified Nursing
- 1997 Board Certified General Pediatric Medicine
- 2000 Board Certified Pediatric Emergency Medicine
- 2002 Board Certified Sports Medicine
- 1996 Pennsylvania License | MD059677L
- 1997 Massachusetts License | MD153377
- 2010-2016 Licensed ImPACT Consultant

Practice Activities

2000-2009	Pediatric Emergency Medicine	Division of Emergency Medicine Boston Children’s Hospital	8-14 shifts/month
2001-	Primary Care Sports Medicine	Sports Medicine Division Boston Children’s Hospital	8 sessions/week 32-40 hours/week
2007-	Sports Concussion Clinic	Sports Medicine Division Boston Children’s Hospital	1 session/week
2010-	Dance Medicine Clinic Director	Sports Medicine Division Boston Children’s Hospital	2 sessions/week
2010-2012	The Running Program	Sports Medicine Division Boston Children’s Hospital	1 evening session per 8 weeks
2010-	MSK Ultrasound Clinic	Sports Medicine Division Boston Children’s Hospital	3-4 sessions/week

2012- Adolescent and Young Department of Orthopaedics 2 sessions/week
Adult Hip Program Boston Children's Hospital

Clinical Innovations

Exercise Deficit Disorder (EDD)

2010- Multi center collaboration with Cincinnati Children's Medical Center Pediatric Exercise Science Specialists - Dr. Avery Faigenbaum and Dr. Gregory Myer | I developed this novel clinical construct with collaborators. EDD is a new diagnosis developed and introduced to the literature by our team. It is the full realization of exercise as medicine, in that it brings to light the evaluation and treatment of a deficiency in exercise in children, and promotes the incorporation of this entity into routine pediatric medicine, as standardly as an internist notes an elevation in LDL cholesterol. The diagnosis of EDD brings exercise as medicine in pediatric medicine to the forefront of disease prevention, namely childhood obesity. It strives to build the bridge between exercise specialists and the medical professional/pediatrician promoting the early identification and treatment of exercise deficiency in children

Physical Activity for Total Health (PATH)

2010-2013 Primary role (PI) Fitness program for overweight and obese adolescents in conjunction with the PREP Program (Adolescent Medicine obesity treatment program) and QI Project | Boston Children's Hospital, Division of Sports Medicine

Youth Dance Training Program (YDTP)

2011-2015 Comprehensive biomechanical and physical assessment of young dancers | clinical data collection and physical training program for all dancers seen in the Section of Dance Medicine for injury prevention | Boston Children's Hospital, Division of Sports Medicine and The Walnut Hill School for the Performing Arts. Revised yearly. Five manuscripts under preparation from research investigating dancer injury, nutrition, and training patterns from this program.

Exercise Prescription and Training of the Child with Down's Syndrome

2013-2015 Developed a training program for children to encourage safe, effective and sustainable physical activity in children with special needs in collaboration with pediatric exercise specialists and sports injury specialists. This program strives to provide a safe, fun and effective exercise/training program to promote long term physical activity in this population

The Pediatric Physical Activity Vital Sign (PAVSPED)

2015- Screening tool developed utilizing principle components analysis research model to correlate selected questions pertaining to physical literacy and physical competency for children to be used clinically to detect children who are physically inactive, with a focus on physical literacy. This research has been funded by the ACSM and AMSSM foundation grants | Extrapolating this

model to children with disabilities including cerebral palsy (PAVS_{PEDCP}) is underway with grant support from the AMSSM.

Dynamic Hip Ultrasound of the Hip Joint (DHUS)

2015- Special focus: The diagnosis of hip microinstability continues to evolve. Further understanding of the biodynamics is severely lacking. We (PI) developed a protocol to improve the understanding of hip micro instability via dynamic ultrasound imaging to assess the femoral acetabular translation of the hip joint in athletes and patients with suspected hip microinstability. Publication phase I feasibility and reliability complete (senior author; d’Hemecourt et al. *CORR* 2019, phase II data collection complete and three manuscripts in preparation).

Report of Education of Patients and Service to the Community

Activities

No activities or materials below were sponsored by 3rd parties/outside entities

2000-	The Boston Ballet Physician Provide care to dancers of the Boston Ballet	One Session per 8 weeks
2001	National Figure Skating Championship Medical Team Provided medical coverage	Single Event
2001-	Boston Public School and Reggie Lewis Track and Field Center Physician Conduct annual pre-participation physical examinations to student athletes	Two Events per year
2001-	Corporate Challenge Road Race Medical Team Provide medical coverage	One Event per year
2001-	BAA Boston Marathon Medical Team Provide medical coverage	One Event per year
2001-2002	Tufts 10K for Women Medical Team Provided medical coverage	One Event per year
2001-2005	The Walnut Hill School for the Performing Arts Physician Provided on-campus care to young dancers and performing artists	One Session per week
2001-2004	Emmanuel College Team Physician Supervisory to Head Athletic Trainer	One Session per week
2001-2005	The Walnut Hill School for the Performing Arts Care of the Injured Dancer and Performing Artist Clinical Supervisor to the School Nurse	One Session per week
2002-2004	Massachusetts College of Art Student Health Supervisor to Nurse Practitioner	One Session per week
2003	NSTAR Free Symposium for Prevention of Sports Injuries The Female Athlete	Single Event

2006-	The Cambridge School of Weston Athletic Department Supervisor to Head Athletic Trainer	One Session per month
2009-	Runsafe® Program Physician Attending physician for a comprehensive running analysis program	One Session per month
2009-2011	Northeastern University Women's Soccer Supervisor to Team ATC and Physician Assistant	One Session per week
2010-2012	The Walnut Hill School for the Performing Arts Physician Creator The Youth Dance Training Program for Injury Prevention	Four Sessions per year
2011-	The Dana Hall School Team Physician Supervisory to Head Athletic Trainer	One Session per month
2011-	Gann Academy Jewish High School Team Physician Supervisor to Head Athletic Trainer	
2011-2012	Cooperative Education Program Northeastern University Supervisor and mentor to senior athletic training student	
2011-2012	The Walnut Hill School for the Performing Arts Speaker Educational lecture to dancers about injury prevention	Two Sessions per year
2014	Northeastern University Student Internship Mentor and Supervisor Masters in Pediatric Exercise Science	
2015	US National Figure Skating Championship Event Team Physician Coverage Boston, Massachusetts	
2016	US National Figure Skating Championship Event Team Physician Coverage Boston, Massachusetts	
2018	Tufts 10K for Women Expert Health Care Panel Boston, MA	

Educational Material for Patients and the Lay Community

Books, monographs, articles and presentations in other media

No activities or materials below were sponsored by 3rd parties/outside entities.

2010	RipStik® Use in Children	Co-author	Publication for Patient and Staff Education
2010	Injuries to the Young Irish Dancer	Presentation	Section of Dance Medicine Lecture Series Woods Irish Step Dance Academy
2010	Epidemiology of Dance	Presentation	Section of Dance Medicine

2011	The Young Dancer	Presentation	Section of Dance Medicine Lecture Series Jose Matteo Dance Center
2013-2018	The Young Dancer	Course Director	Dance Injury Symposium:
2019	Overspecialization in Youth Sports Can Derail Your Kid's Athletic Career		Publication for Patient and Staff Staff Education Your Teen for Parents Article

Patient educational material

2010	Education and Information for Dancers and Their Families	Patient Education Brochure	Dance Section Boston Children's Hospital
2012	Sports Injuries in Children: Volleyball, Soccer, Cycling Injuries	Patient Education Brochure	Department of Orthopaedics Boston Children's Hospital
2020	High School Athletes Safe Return to Sports	Patient Education Article	Discoveries Article Boston Children's Hospital

Report of Scholarship

Peer reviewed publications in print or other media

Research Investigations

1. Meehan WP III, Mannix R, **Stracciolini A**, Elbin RJ, Collins MW. Symptom Severity Predicts Prolonged Recovery after Sport-Related Concussion: Age, Amnesia Do Not. *Journal of Pediatrics*. 2013 Sep;163(3):721-5
2. **Stracciolini A**, Casciano R, Levy H, Meehan WP III, Micheli LJ. Pediatric Sports Injuries: An Age Comparison of Children Versus Adolescents. *American Journal of Sports Medicine*. August 2013;41(8):1922-1929.
3. **Stracciolini A**, Casciano R, Levy H, Stein CJ, Meehan WP III, Micheli LJ. Pediatric Sports Injuries: A Comparison of Males Versus Females. *American Journal of Sports Medicine*. April 2014;42(4) 965 – 972.
4. Beasley MA, **Stracciolini A**, Tyson KD, Stein CJ. Knee Injury Patterns in Young Irish Dancers. *Medical Problems of Performing Artists*. 2014 June;29(2):70-3.
5. **Stracciolini A**, Casciano R, Levy H, Meehan WP III, Micheli LJ. A Closer Look at Overuse Injuries in the Pediatric Athlete. *Clinical Journal of Sports Medicine*. 2015 Jan;25(1):30-5.
6. **Stracciolini A**, Stein CJ, Zurakowski D, Meehan WP III, Myer GD, Micheli LJ. ACL Injuries in Pediatric Athletes Presenting to Sports Medicine Clinic: A Comparison of Males and Females Through Growth and Development. *Sports Health*. 2015 Mar;7(2):130-6.

7. **Stracciolini A**, Yin A, Sugimoto D. Etiology and Body Area of Injuries in Young Female Dancers Presenting to Sports Medicine Clinic: A Comparison by Age Group. *The Physician and Sports Medicine*. 2015;43(4):342-7.
8. **Yin AX, Sugimoto D, **Stracciolini A**. Pediatric Dance Injuries: A Cross-Sectional Epidemiological Study. *Physical Medicine and Rehabilitation*. 2016;8(4):348-55.
9. **Stracciolini A**, Levy Friedman H, Casciano R, Howell D, Sugimoto D, Micheli LJ. The Relative Age Effect on Youth Sports Injuries. *Medicine & Science in Sports & Exercise*. 2016;48(6):1068-74.
10. **Stracciolini A**, Yen YM, d'Hemecourt PA, Lewis C, and Sugimoto D. Sex and Growth Effect on Pediatric Hip Injuries Presenting to Sports Medicine Clinic. *Journal of Pediatric Orthopaedics B*. 2016 Jul;25(4):315-21.
11. Breen, EO, Dawkins C, **Stracciolini A**, Meehan WP, Howell D. Examination of age-related differences on clinical tests of postural stability. *Sports Health*. 2016 May/Jun;8(3):244-249.
12. **Stracciolini A**, Quinn B, Geminiani, E, Kinney S, McCrystal T, Owen M, Pepin M, Stein CJ. BMI and Menstrual Patterns in Dancers. *Clinical Pediatrics*. 2016 Apr 56(1):49-54.
13. Sugimoto D, Bowen S, Meehan WP, **Stracciolini A**. Effects of Neuromuscular Training on Children and Young Adults with Down Syndrome: Systematic Review and Meta-Analysis. *Research in Developmental Disabilities*. 2016 Apr 25;55:197-206.
14. Fabricant, PD, Lakomkin N, Sugimoto D, Tepolt F, **Stracciolini A**, Kocher MS. Youth Sports Specialization and Musculoskeletal Injury: A Systematic Review of the Literature. *The Physician and Sports Medicine*. 2016 Sep;44(3):257-62.
15. Stein, Cynthia J, Gleason C, Pepin MJ, Kinney SA, Southwick H, Park ER, **Stracciolini A**. Cigarette Smoking Among Dancers of Different Ages and Levels of Training. *The Journal of Dance Medicine and Science*. Oct 2016;20(4):174-80.
16. Howell DR, Geminiani E, **Stracciolini A**, Meehan WP III. Dual-task gait differences in female and male adolescents following sport-related concussion. *Gait and Posture*. 2017 Apr 1;54:284-9.
17. Tocci N, Howell DR, Sugimoto D, **Stracciolini A**, MD, Morse J, Meehan WP III. Physical Activity Outside of Organized Sports is Associated with Functional Performance. *Acta Paediatrica* 2017 May;106(5):825-30.
18. **Stracciolini A**, Shore B, Meehan WP III. TV or Unrestricted, Unmonitored Internet Access in the Bedroom and BMI in Youth Athletes. *Acta Paediatrica* 2017 Aug;106(8)1331-1335.
19. **Fraser J, Yen YM, d'Hemecourt PA, Sugimoto D, **Stracciolini A**. Bony Morphology of Femoroacetabular Impingement in Young Female Dancers and Single Sport Athletes. *Orthopedic Journal of Sports Medicine* 2017 Aug 10;5(8).
20. Cianci A, Sugimoto D, **Stracciolini A**, Yen YM, Kocher M, d'Hemecourt PA. Nonoperative Management of Labral Tears of the Hip in Athletes: Description of Sports Participation, Interventions, Comorbidity and Outcomes. *Clin J Sports Med* 2017 Aug 16:1-5.
21. Howell D, Sugimoto D, **Stracciolini A**, Hanson E, Meehan WP. Assessment of the Postural Stability of Female and Male Athletes. *Clinical Journal of Sports Medicine*. 2017 Sep;27(5): 444-49.

22. **Stracciolini A**, Stein Cynthia J, Kinney S, McCrystal T, Pepin MJ, Meehan WP III. Associations Between Sedentary Behaviors, Sleep Patterns, and BMI in Young Dancers Attending a Summer Intensive Dance Training Program. *The Journal of Dance Medicine and Science*. 2017 Sept 15;21(3):102-108.
23. **Foley CM, Sugimoto D, Mooney DP, Meehan WP III, **Stracciolini A**. Diagnosis and Treatment of Slipping Rib Syndrome in Athletes. *Clinical Journal of Sports Medicine*. 2019 Jan; 29(1):18-23
24. Biernacki J, **Stracciolini A**, Sugimoto D. Association between Coping Skills, Past Injury and Hip Pain and Function in Adolescent Elite Female Ballet Dancers. *Physician and Sports Medicine*. 2018 Jan 18:1-8
25. Kinney S, **Stracciolini A**, McCrystal T, Owen M, Meehan WP III. The Effect of Physical Therapist Involvement in the Care of Youth and Adolescent Dancers. *J of Dance Med Sci*. 2018 June 15;22(2):81-83
26. **Gearhart MG, Sugimoto D, **Stracciolini A**. Body Satisfaction, Performance Perception and Weight Loss Behavior in Young Female Dancers. *Med Sci Perf Arts*. 2018 Dec;33(4):225-230.
27. d'Hemecourt PA, Sugimoto D, Proctor-McGee M, Jackson S, Millis M, Kim YJ, Novais E, **Stracciolini A**. Can Dynamic Ultrasonography of the Hip Reliably Assess Anterior Femoral Head Translation? *Clin Orthop and Related Research*. 2019 May; 477(4):1086-98.
28. **Stracciolini A**, Amar-Dolan L, Howell DR, Taylor AM, Berkner P, Sandstrom N, Peluso M, Kurtz M, Mannix R, Meehan WP III. Association of Sports Participation and Health Outcomes In Former Division III Female Athletes. *Clinical Journal of Sports Medicine*. 2018 August. On line ahead of print. doi: 10.1097/JSM.
29. **Griffith KL, Gearhart M, Sugimoto D, **Stracciolini A**. Transitions in Dance. *Med Sci Perf Arts*. Accepted August 2019 March; 34(1):37-52.
30. Han J, Sugimoto D, McKee-Proctor M, **Stracciolini A**, d'Hemecourt PA. Short-Term Effect of Ultrasound-Guided Iliopsoas Peritendinous Corticosteroid Injection. *J Ultrasound Medicine*. 2019 June; 38(6):1527-36.
31. Biernacki J, **Stracciolini A**, Fraser J, Micheli LJ, Sugimoto D. Risk Factors for Lower Extremity Injuries in Female Ballet Dancers: A Systematic Review. *Clinical Journal of Sports Medicine*. 2018 December. On line ahead of print. doi:10.1097/JSM
32. **Yin AX, Geminiani E, Quinn B, Owen M, Kinney S, McCrystal T, **Stracciolini A**. The Evaluation of Strength, Flexibility, and Functional Performance in the Adolescent Ballet Dancer During Intensive Dance Training. *PM&R*. 2019 February;11(7):722-730. doi:10.1002/pmrj.12011
33. **Griffith KL, Gearhart MG, Sugimoto D, Geminiani ET, **Stracciolini A**. Career Transitions for the Young Dancer: Considering Psychological Implications, Challenges with Athletic Identity, and Need for Available Resources. *Med Probl Perform Art*. 2019 March;34(1):47-52. doi:10.21091/mppa.2019.1005
34. Sugimoto D, Jackson S, Howell D, Meehan WP III, **Stracciolini A**. Association between training volume and lower extremity overuse injuries in young female athletes: implications for early sports specialization. *The Physician and Sports Medicine*. 2019 May; 47(2):199-204.

35. DiCesare CA, Montalvo A, Barber Foss KD, Thomas SM, Ford KR, Hewett TE, Jayanthi NA, **Stracciolini A**, Bell D, Myer GD. Lower Extremity Biomechanics are Altered Across Maturation in Sport-Specialized Female Adolescent Athletes. *Frontiers in Pediatrics*. 2019;7:268.
36. Rebullido TR, **Stracciolini A**. Pelvic Floor Dysfunction in Female Athletes: Is Relative Energy Deficiency in Sport a Risk Factor? *Curr Sports Med Rep*. 2019 July;18(7):255-257.
37. Brenner JS, LaBotz M, Sugimoto D, **Stracciolini A**. The Psychosocial Implications of Sport Specialization in Pediatric Athletes. *Journal of Athletic Training*. 2019 October;54(10):1021-1029.
38. Bell DR, **Stracciolini A**. Moving a Field Forward: What Are the "Big" Research Questions in Sport Specialization? *Journal of Athletic Training*. 2019 October;54(10):1009-1010.
39. **Stracciolini A**, Quinn B, Zwicker RL, Howell DR, Sugimoto D. Part I: Crossfit-Related Injury Characteristics Presenting to Sports Medicine Clinic. *Clin J Sport Med*. 2020 March;30(2):102-107.
40. Sugimoto D, Lambrinakos-Ray K, Kobelski GB, Geminiani E, **Stracciolini A**, Meehan WP. Early Sport Specialization in Young Female Figure Skaters. *Orthopedic Journal of Sports Medicine*. 2020 Apr; 8(4), Suppl 3
41. **Stracciolini A**, Luz J, Walker G, Edwards N, Faigenbaum AD, Myer GD. Are primary care physicians ill equipped to evaluate and treat childhood physical inactivity? *Phys Sports Med*. 2020 May;48(2):199-207.
42. Sugimoto D, Zwicker RL, Quinn BJ, Myer GD, **Stracciolini A**. Part II: Comparison of Crossfit-Related Injury Presenting to Sports Medicine Clinic by Sex and Age. *Clin J Sport Med*. 2020 May;30(3):251-256.
43. Rebullido T, Chulvi-Medrano I, Faigenbaum AD, **Stracciolini A**. Pelvic Floor Dysfunction in Female Athletes. *Strength and Conditioning Journal*. 2020 Aug; 42(4):82-92.

Other peer-reviewed publications

1. **Stracciolini A**, Metzl J. Pediatric Sports Emergencies. *Physical Medicine and Rehabilitation Clinics of North America*. 11:4 November 2000; 961-981.
2. **Stracciolini A**, Meehan WM III, D'hemecourt P. Sports Rehabilitation of the Injured Athlete. *Clinical Pediatric Emergency Medicine*. 2007;8 (1); 43-53.
3. Faigenbaum AD, **Stracciolini A**, Myer GD. Exercise deficit disorder in youth: a hidden truth. *Acta Paediatrica*. 2011;100(11);1423-1425.
4. **Stracciolini A**. Pediatric Sports Injuries: Common causes, concerns and coordinating for a cure. *KRONOS (Universidad Europea de Madrid). Physical Activity and Sport Scientific Journal*. Vol X(11): July – December 2011; 5-12.
5. **Stracciolini A**, Myer GD, Faigenbaum AD. Exercise deficit disorder in children: are we ready to make this diagnosis? *The Physician and Sports Medicine*. February 2013;41(1); 94-101.
6. Myer GD, Faigenbaum AD, **Stracciolini A**, Hewitt T, Micheli LJ, Best T. Exercise Deficit Disorder in Youth: A Paradigm Shift toward Disease Prevention and Comprehensive Care. *Current Sports Medicine Reports*. 2013;12(4); 248-25.

7. Hanson E, **Stracciolini A**, Mannix R, Meehan WP III. Management and Prevention of Sport-Related Concussion. *Clinical Pediatrics*. 2014;32(2); 45-48.
8. Faigenbaum AD, Best T, MacDonald J, Myer GD, **Stracciolini A**. Top 10 Research Questions Related to Exercise Deficit Disorder in Youth. *Research Quarterly for Exercise and Sport*. 2014;85;297-307.
9. ****Fazekas ML, Stracciolini A**. Snapping Pes Syndrome in a Pediatric Athlete | Case Report | Current Sports Medicine Reports. 2015 Sep-Oct;14(5);361-3.
10. **Stracciolini A**, Hanson E, Kiefer A, Myer GD, Faigenbaum AD. Resistance Training for Pediatric Female Dancers. *The Journal of Dance Medicine and Science*. 2016;20(2);64-71.
11. **Stracciolini A**, Sugimoto D, Howell DR. Injury Prevention in Youth Sports. *Pediatric Annals*. 2017;46 (3):e99-e105.
12. Sugimoto D, **Stracciolini A**, Dawkins C, Meehan W, Micheli LJ. Sports Specialization J Strength and Conditioning Apr 2017;39(2);77-81
13. Walker G, Faigenbaum AD, **Stracciolini A**, Myer GD. Physical Inactivity in Youth: Can Exercise Deficit Disorder Alter the Way We View Preventative Care? *Health and Fitness ACSM March/April* 2018: 22(2);42–46
14. Biernacki J, **Stracciolini A**. Ischial Tuberosity Avulsion Fracture in a Young Female Ballet Dancer. *Journal of Dance Med and Science*. 2018;22(4);233-237
15. Hart E, Meehan WP, Bae D, **Stracciolini A**. Injury Patterns in Gymnastics. *Current Sports Medicine Reports*. 2018;17(11);366-375.
16. Rebullido T, Medrano IC. **Stracciolini A**. Pelvic Floor Dysfunction in Female Athletes *Journal of Strength and Conditioning*. November 2018
17. Brenner J, Labotz M, **Stracciolini A**. | The Psychosocial Implications of Sport Specialization in Pediatric Athletes. *Journal of Athletic Training*. 2019;54(10);1021-1029
18. Rebullido T, **Stracciolini A**. Pelvic Floor Dysfunction in Female Athletes: Is Relative Energy Deficiency in Sport a Risk Factor. *Current Sports Medicine Reports*. 2019;18(7);255-257
19. Bell D, **Stracciolini A**. Sport Specialization: The Questions. *Prelude to Special Edition Youth Sport Specialization*. *J Athletic Training*. 2019;54(10);1009-1010
20. Daley MM, **Stracciolini A**. Bone Pain in a Soccer Athlete: Chronic Non-Bacterial Osteomyelitis. *Current Sports Medicine Reports*. Accepted August 2020.

Non-peer reviewed scientific or medical publications/materials in print or other media

Reviews, chapters, monographs and editorials

1. **Stracciolini A**, Chloral Hydrate | In: McGuigan M, Anderson A, Woolf A, eds. *Clinical Toxicology Review*. Massachusetts Poison Control System. 21:1 October 1998.
2. **Stracciolini A**. Eye-Red | Review *Textbook of Pediatric Emergency Medicine*. Fourth Edition Sharma S., Wang V., Editors. Lippincott Williams and Wilkins 2000.

3. **Stracciolini A.** Pediatric Burn Management | Review Textbook of Pediatric Emergency Medicine. Fourth Edition Sharma S., Wang V., Editors. Lippincott Williams and Wilkins 2000.
4. **Stracciolini A.** Foreign Body-Ingestion/Aspiration | Review Textbook of Pediatric Emergency Medicine. Fourth Edition Sharma S., Wang V., Editors. Lippincott Williams and Wilkins 2000.
5. **Stracciolini A.** Cystic Fibrosis | Review Textbook of Pediatric Emergency Medicine. Fourth Edition Sharma S., Wang V., Editors. Lippincott Williams and Wilkins 2000.
6. **Stracciolini A.** Minor Trauma | Review Textbook of Pediatric Emergency Medicine. Fourth Edition Sharma S., Wang V., Editors. Lippincott Williams and Wilkins 2000
7. **Stracciolini A.** Injury-Knee | Review Textbook of Pediatric Emergency Medicine. Fourth Edition Sharma S., Wang V., Editors. Lippincott Williams and Wilkins 2000.
8. **Stracciolini A.** Cervical burners in the athlete. *Pediatric Case Reviews (Print)* [serial online]. October 2003;3(4):181-188
9. **Stracciolini A.** Signs and Symptoms in Pediatrics. Davis M., Gruskin K., Chiang V. Chapter | Fractures Not to Miss. Mosby 2004.
10. D'hemecourt PA, Luke A, **Stracciolini A.** Chapter 9 | Child and Adolescent Knee: Primary Care Perspective. *The Pediatric and Adolescent Knee* [serial online]. 2006: 76-90.
11. **Stracciolini A,** Geminiani E, Stein C. Chapter | Obesity, Physical Activity and Body Composition in Children. In: Solomon R, Solomon J (eds): *The Micheli Center Manual*. Boston, MA: Division of Sports Medicine, Boston Children's Hospital, 2013, pp.
12. **Stracciolini A.** Chapter | Strength. In: Solomon R, Solomon J (eds): *The Micheli Center Manual*. Boston, MA: Division of Sports Medicine, Boston Children's Hospital, 2013, pp. 289-98.
13. Myer GD, **Stracciolini A,** Faigenbaum AD. Chapter | Age-Related Training to Prevent Injury and Promote Health in Youth. In: Solomon R, Solomon J (eds): *The Micheli Center Manual*. Boston, MA: Division of Sports Medicine, Boston Children's Hospital, 2013, pp.
14. D'hemecourt C, Roubideaux G, **Stracciolini A.** Chapter | Cycling. | In: Solomon R, Solomon J (eds): *The Micheli Center Manual*. Boston, MA: Division of Sports Medicine, Boston Children's Hospital, 2013, pp.
15. **Stracciolini A,** Myer GD, Faigenbaum AD. Chapter | Resistance Training for the Young Female Athlete. | In: *The Young Female Athlete* | 2015 Springer (In Press)
16. Stein CJ, Ackerman KA, **Stracciolini A.** Editor | *The Young Female Athlete*. 2016 Springer (In Press)
17. Miller A, **Stracciolini A.** Chapter | Abrasions and Lacerations of the Head and Neck in Sports. | In: *Head and Cervical Spine Injuries in the Young Athlete* | 2015 Springer (In Press)
18. **Stracciolini A,** Myer GD, Faigenbaum AD. Chapter | Strength Training for the Young Dancer | In: *The Young Dancer* | 2017 Springer (In Press)
19. Gearhart M, Yin AX, **Stracciolini A.** Unique Considerations for the Adolescent Dancer | In: *Performing Arts Medicine* | 2018 Elsevier

20. **Stracciolini A**, Jackson S, d'Hemecourt PD. Musculoskeletal Ultrasound of the Upper Extremity in Youth Athletes | In: Upper Extremity Injuries in The Young Athlete | 2018 Springer (In Press)
21. Logan C, **Stracciolini A**, Kocher MS. Miller et al: Essential Orthopaedics 2/e, Chapter 217: School Age: Discoid Meniscus | 2018
22. Gearhart M, Yin A, **Stracciolini A**. Unique Issues in the Young Dancer | In: Performing Arts Medicine | Editor Lauren Elson | Elsevier ISBN: 978-0-323-66212-3 | 2018
23. **Stracciolini A**, d'Hemecourt PD. Ultrasound of the Hip | In: The Pediatric Hip | Editors Young-Jo Kim and Eduardo Novais | 2020 (In Press)

Professional educational materials or reports, in print or other media

1. **Stracciolini A**. Acute Compartment Syndrome. UpToDate[®] Inc. 2009 | Updated yearly.
2. **Stracciolini A**. Splinting of Musculoskeletal Injuries. UpToDate[®] Inc. 2017 | Updated yearly.

Abstracts, Poster Presentations and Exhibits Presented at Professional Meetings

1. Jackson S, Sugimoto D, Howell D, Meehan WP, **Stracciolini A**. | Iliotibial Band Syndrome and Sports Specialization in Youth Sports | Poster presentation and reception invitation | American College of Sports Medicine | Boston MA, 2016 | Young Investigators Award
2. Quinn B, Sugimoto D, Zwicker R, **Stracciolini A**. | Cross Fit Injuries in Youth | Poster presentation | American College of Sports Medicine | Denver CO, 2017
3. **Stracciolini A**, Amar-Dolan L Howell DR, Mannix R, Berkner P, Meehan WP III. | Association of Sports Participation and Health Outcomes in Former Division III Female Athletes | Poster presentation | Pediatric Research in Sports Medicine | Dallas TX, 2017
4. **Stracciolini A**, Amar-Dolan L, Howell DR, Mannix R, Berkner P, Meehan WP III. | Association of Sports Participation and Health Outcomes in Former Division III Female Athletes | Poster presentation | The Female Athlete Conference | Wellesley, MA, 2017
5. **Stracciolini A**, Sugimoto D, Zwicker R, Stein C. | Sesamoid Fractures in Dancers | Podium presentation | Pediatric Research in Sports Medicine PRISM | Plantation FL, 2018
6. Schwartz K, **Stracciolini A**. | Chronic Recurrent Osteomyelitis (CRMO) in a young athlete | American Medical Society for Sports Medicine | Poster presentation | Orlando FL, 2018
7. Milewski M, McCracken C, Meehan WP III, **Stracciolini A**. | Increased hours of training per week is associated with decreased sleep in pediatric and adolescent athletes. PRISM | Poster presentation August, 2018 | Atlanta GA, 2019
8. **Stracciolini A**, McCracken C, Meehan WP III, Milewski M. | Sleep and mental health in youth athletes. Pediatric Research in Sports Medicine PRISM | Accepted for podium presentation August, 2018 | Atlanta GA, 2019
9. **Stracciolini A**, Dahlberg B, Zwicker R, Sugimoto D. | Sesamoid Injuries In Young Athletes | Pediatric Research in Sports Medicine PRISM | Accepted for e-poster presentation August, 2018 | Atlanta GA, 2019

10. DiCesare C, Montalvo A, Kim Foss B, Thomas S, Ford K, Hewett T, Jayanthi N, Bell D, **Stracciolini A**, Myer GD. | Sport Specialization Elicits Alterations in Coordination and Maturational Biomechanics in Female Adolescent Basketball, Soccer, and Volleyball Athletes | UNC Department of Kinesiology Applied Neuromechanics Research Laboratory: ACL Research Retreat VIII | Accepted for oral presentation | Greensboro NC | 2019
11. **Stracciolini A**, Gearhart M, Sugimoto D, Quinn B, Sugimoto D. | Early Sport Specialization in Dance | American Medical Society for Sports Medicine (AMSSM) | Oral Poster Presentation | Houston, TX | 2019
12. **Stracciolini A**, Gearhart M, Sugimoto D, Quinn B, Sugimoto D. | Sesamoid Injuries in Athletes | American Medical Society for Sports Medicine (AMSSM) | Oral Poster Presentation | Houston, TX | 2019
13. **Stracciolini A**. | Feasibility and Reliability of Musculoskeletal Ultrasound Measurement of the Medial Patellofemoral Ligament | Pediatric Research in Sports Medicine (PRiSM) | Podium Presentation | Phoenix, AZ | 2020
14. **Stracciolini A**, Kobelski G, McKee-Proctor M, Yen Y, d'Hemecourt P, Sugimoto D. | Long Term Quality of Life Health Outcomes in Patients Receiving Ultrasound Guided Injections: Preliminary Analysis | Pediatric Research in Sports Medicine (PRiSM) | Poster Presentation | Phoenix, AZ | 2020
15. Jones Jacob, d'Hemecourt PD, Yen YM, **Stracciolini A** | Dynamic Hip US in Patients with Hip Arthroscopy | American College of Sports Medicine National Meeting | Poster Presentation | San Francisco, CA | 2020

Narrative Report

I am a pediatrician and sports medicine physician who studies physical activity, and the impact of childhood physical inactivity on long term health and quality of life for all children, including those with disabilities. I helped coin the term Exercise Deficit Disorder (EDD), and brought dynamic diagnostic ultrasound into the sports medicine clinics of Boston Children's Hospital. I have 43 original studies in peer reviewed journals. I have contributed to \$150,000 in grant funding, and have mentored numerous students and trainees.

Clinical Expertise and Innovation

The integration of my expertise in *exercise is medicine* into the health care of children has become my passion and academic focus. With leaders in the field of pediatric exercise science, working as a multi-disciplinary group, I have developed the construct of **Exercise Deficit Disorder in Children (EDD)**. Our collective goal is to promote the early *diagnosis and treatment* by primary care practitioners of children who are exercise deficient. Building the bridge between physicians and pediatric exercise scientists is an important parallel goal. My first project, working with the Adolescent Medicine and Pediatric Obesity Programs assisting with exercise promotion and fitness prescription, was an innovative way to combine my skills as a pediatrician and sports medicine physician. Over the past 5 years, with support from a foundation grant (AMSSM-ACSM Grant 2017-19, PI Stracciolini 20K/2 years) we have recently completed Phase I research aimed at identifying four vital questions that will serve as an efficient clinical screening tool for physical literacy in children. Born from this research, the **Pediatric Physical Activity Vital Sign (PAVS_{PED})** clinical instrument will be used to identify physical inactivity among children entering the

healthcare system. This work was presented as part of a symposium on child health at the American Medical Society for Sports Medicine National Conference 2019 (AMSSM) to an international audience of over 1500 members, and accepted for a podium presentation at AMSSM 2020 (cancelled due to the COVID-19 pandemic). More recently, I received a **grant award from the Integrative Center for Clinical and Translation Research (ICCTR)** (ICCTR Grant BCH 2020-21, PI Stracciolini 10K/1 year) that will allow us to move forward with Phase II research to determine the feasibility and efficacy of clinical integration of the PAVSPED into the primary care setting. Ultimately, I will strive to seek healthcare reimbursement for exercise counseling, exercise treatment, and pediatric exercise specialist intervention for children in need, as this is essential to incorporating PAVSPED into clinical practice. Recently, our research has been expanded to include children with disabilities, as this population has largely been neglected in the physical activity and exercise arena. Our first publication, in this light, focused on training and fitness protocols for children with Down's Syndrome. We are actively working on developing the **CP-PAVSPED** which will serve to screen children with cerebral palsy for exercise deficiency. This research is currently funded by a **grant award from the AMSSM Clinical Research Network** (AMSSM-CRN PI 2020-22, Stracciolini 25K/2 years). Furthering my research on exercise is medicine, and striving to move forward with the clinical integration of physical activity and physical literacy into healthcare for all children, with and without disabilities, is a goal that will continue to challenge our team, and demand on going academic innovation. In addition, I continue to develop innovative ways to apply MSK US to the care of athletes. As a member of the Pediatric and Young Adult Hip Preservation Program at Boston Children's Hospital, helped establish the reliability of the **dynamic hip ultrasound protocol (DHUS)** of the femoral acetabular joint (*Clin Orthop Relat Res. 2019;477(5):1086-1098*). With 3 ongoing studies focusing on patient specific factors for dynamic hip ultrasound measures in female athletes, dancers, and surgical patients, I continue to innovate, incorporating musculoskeletal ultrasound in orthopedics and sports medicine, while educating colleagues and fellows in sports medicine through weekly internal lectures and workshops, as well as at the national level (American College of Sports Medicine annual meeting, MSK Hip US workshop, Harvard Sports Medicine Annual Course, MSK US section (CME)).

Supporting Activities - Education

Over the past 11 years, I have had the pleasure of lecturing regionally, nationally and internationally on pediatric physical inactivity, and the concept of physical literacy in children. Education of has been an important and integral part of my career. I have lectured internationally, including a lecture in Madrid Spain to an audience of greater than 200 attendees on pediatric musculoskeletal health and injury.

Supporting Activities – Research and Mentorship

I consistently *mentor* medical sports medicine physicians and trainees professionally and personally, and provide guidance and support as they strive to learn clinical research methodology and project development. My mentees and I have published research projects on overuse sports injuries, sport specialization, and issues unique to female athletes and dancers (e.g., Gearhart MG, Stracciolini A. *Body Satisfaction, Performance Perception and Weight Loss Behavior in Young Female Dancers. Med Sci Perf Arts. 2018; Yin AX,*

Stracciolini A. The Evaluation of Strength, Flexibility, and Functional Performance in the Adolescent Ballet Dancer During Intensive Dance Training. PM&R. 2019; d'hemecourt PA, Stracciolini A. Dynamic Ultrasound of the Femoroacetabular Joint. Clin Orthop Relat Res 2019).

Significant Supporting Activities – Administration and Institutional Service

In recognition of my leadership abilities and years of administrative service to our division, I have recently been named **Director of Medical Sports Medicine** for Boston Children's Hospital. As such, I have led our reentry to clinical work after COVID-19 pandemic restrictions and am leading our clinical expansion into the suburbs. Finally, I continue to be an advocate for the division of sports medicine and medical sports medicine as an appointed member of the **Executive Board, Children's Orthopedic Surgery Foundation (COSF)**.

In summary, I am a pediatric sports medicine physician with clinical expertise, and a track record of innovation in childhood physical inactivity and dynamic diagnostic ultrasound in sports medicine. I have authored 43 peer reviewed publications using original data, earned \$150,000 in grant funding, and have mentored numerous students and trainees. I will continue to educate regionally, nationally, and internationally on these topics.