

CHAD A. CLEMENTS, MS, ATC

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EDUCATION

SETON HALL UNIVERSITY – SOUTH ORANGE, NJ (2001-PRESENT)

- SCHOOL OF GRADUATE MEDICAL EDUCATION
 - DOCTOR OF PHILOSOPHY IN HEALTH SCIENCES PROGRAM
 - MOVEMENT STUDIES CONCENTRATION
 - RESEARCH FOCUS: IDENTIFICATION OF CLINICAL MEASURES FOR CLASSIFYING INDIVIDUALS AT RISK FOR LOWER EXTREMITY INJURY

EAST STROUDSBURG UNIVERSITY – EAST STROUDSBURG, PA (AUG. 1998-AUG. 1999)

- MS, PHYSICAL EDUCATION/EXERCISE SCIENCE- BIOPHYSICAL EMPHASIS
 - THESIS: A comparison of quadriceps muscle activity during open kinetic chain vs. closed kinetic chain exercises at different knee angles (Graduation May, 2004).

STATE UNIVERSITY OF NEW YORK AT CORTLAND (AUGUST 1993-MAY 1998)

- BSED, PHYSICAL EDUCATION
 - Minor: Athletic Training - CAAHEP-Accredited Curriculum
 - May 1998-CUM LAUDE

ACADEMIC EXPERIENCE

BOSTON UNIVERSITY (AUGUST 2007 – PRESENT)

- FACULTY DIRECTOR OF CLINICAL EDUCATION (MARCH 2014 – PRESENT)
 - Supervisor, Clinical Education Services Director of Operations
 - Chair, Clinical Education Steering Committee
 - Provide leadership for College's strategic planning, innovation, operational planning, resource management for clinical experiences
- CLINICAL ASSISTANT PROFESSOR/DIRECTOR OF CLINICAL EDUCATION (AUGUST 2007 – PRESENT)
COURSES TAUGHT
 - SAR AT 597: Clinical Experience I (MSAT program)
 - SAR AT 598: Clinical Experience II (MSAT program)
 - SAR AT 600: Clinical Experience IV (MSAT program)
 - SAR AT 601: Clinical Experience V (MSAT program)
 - SAR AT 355: Foundations of Athletic Training
 - SAR AT 432: Organization and Administration in Athletic Training
 - SAR AT 304: Athletic Training Practicum II
 - SAR AT 305: Athletic Training Practicum III
 - SAR AT 405: Clinical Athletic Training II
 - SAR HP 560: General Medicine Practicum
 - SAR HP 532: Clinical Medicine II
 - Student advising
 - Responsible for clinical education component of programs in Athletic Training
 - Supervision & mentoring of high school-outreach graduate assistant athletic trainers

- Supervision of athletic training students during clinical education experiences
- Recruit and maintain affiliated sites for athletic training clinical education
- Recruit, train, and mentor preceptors

LASELL COLLEGE – NEWTON, MA (AUGUST 2004-AUGUST 2007)

ASSISTANT PROFESSOR OF ATHLETIC TRAINING (AUGUST 2006-AUGUST 2007); LECTURER – SCHOOL OF ALLIED HEALTH AND SPORT STUDIES (AUGUST 2004-MAY 2006)

- Clinical Athletic Training I
- Kinesiology and Kinesiology Lab
- Prevention and Care of Athletic Injuries and associated Lab
- Organization and Administration of Athletic Training
- Student advising
- Assisted with CAATE accreditation process

SETON HALL UNIVERSITY – SOUTH ORANGE, NJ (JANUARY 2002-AUGUST 2004)

ADJUNCT FACULTY – SCHOOL OF GRADUATE MEDICAL EDUCATION

- Therapeutic Modalities Lecture and Laboratory
- Athletic Training Principles I Laboratory
- Athletic Training Principles II Laboratory
- Approved Clinical Instructor for MSAT program
- Assisted with development of MSAT program
- Assisted in CAAHEP accreditation process
- Research advisor for MSAT and DPT students

ADJUNCT FACULTY – PHYSICAL EDUCATION (AUGUST 1999-AUGUST 2000)

- Physical Diagnosis
- Health and Nutrition

EAST STROUDSBURG UNIVERSITY (AUGUST 1998-AUGUST 1999)

KINESIOLOGY GRADUATE ASSISTANT

- Guest Lecturer
- Weekly quiz preparation and grading
- Supervision of open lab
- Laboratory preparation

ATHLETIC TRAINING CLINICAL EXPERIENCE

ATHLETIC TRAINER

BOSTON UNIVERSITY – BOSTON, MA (SEPTEMBER 2007-MARCH 2014)

- Supervised AT students and provided patient care in the AT facility for 4-8 hours per week

HEAD ATHLETIC TRAINER

LASELL COLLEGE – NEWTON, MA (AUGUST 2004-AUGUST 2007)

STEVENS INSTITUTE OF TECHNOLOGY – HOBOKEN, NJ (AUG. 2003-AUG. 2004)

- Supervision and coordination of athletic training services for Division III athletics program
- Organization and formation athletic training staff
- Recruit and maintain local physicians to serve as team physicians and medical consultants
- Liaison to team physicians, medical consultants, and student health services
- Developed and implemented policies and procedures manual for athletic training office
- Developed and implemented department and institution-wide automated external defibrillator policy and procedure
- Coordinated the development and maintenance of proper medical documentation and filing system
- Implemented on-line medical documentation system
- Coordinate the processing of athletic injury/illness insurance claims
- Developed and implemented baseline concussion testing protocol
- Organization and administration of sports medicine budget, inventory, bidding and purchasing of supplies and equipment
- Member of University Student-Insurance Committee
- Successfully obtained NCAA Speakers Grants for special topics speakers
- Assist with the design and planning of new athletic training facility
- Coordinate medical coverage for day and overnight summer sports camps
- Approved Clinical Instructor

ASSISTANT ATHLETIC TRAINER/COORDINATOR OF SUBSTANCE ABUSE

SETON HALL UNIVERSITY (AUGUST 2000-AUGUST 2003)

- Primary coverage - men's soccer, women's basketball, softball
- Provide athletic training services for Division I athletic program
- Coordinate substance/alcohol abuse testing for all varsity teams
- Development/revision of all Office of Sports Medicine Policies and Procedures
- Assist with development of alcohol policy for student-athletes
- Coordination of physician coverage for athletic contests
- Member of University Risk Management Committee
- Member of University HIPAA Committee
- Approved Clinical Instructor

ASSISTANT ATHLETIC TRAINER

SETON HALL UNIVERSITY (AUGUST 1999-AUGUST 2000)

- Primary coverage – men's soccer, wrestling, men's and women's indoor and outdoor track
- Provide athletic training services for Division I athletic program
- Supervision of work study students (hiring, training, scheduling)
- Assist with drug testing of all men's varsity athletic teams

- Assist with the design and planning for expanded sports medicine facility

GRADUATE ASSISTANT ATHLETIC TRAINER

EAST STROUDSBURG UNIVERSITY (AUGUST 1998-AUGUST 1999)

- Primary coverage of men's and women's soccer
- Provide athletic training services for Division II athletic program
- Supervision of Athletic Training Students

PUBLICATIONS

Clements, CA, Dodge, T., Brown, S. Influence of asynchronous physician augmented on-line discussion on learning outcomes in a general medical clinical education experience [Abstract]. *J Ath Trn.* 2009;44: S-60.

Campolo M, **Clements CA**, Bakatsias S, Robustelli, F, Skripak, R. A comparison of quadriceps muscle activity during open kinetic chain vs. closed kinetic chain exercises in females [abstract]. *Phys Ther.* [serial online]. 2005. Available at: <http://www.apta.org/am/abstracts/pt2005/abstractsPt.cfm?pubNo=PO-RR-122-F>

Clements, CA, Goldfuss A., Hauth J, Cummings D, Campolo M, and Stiskal D. A comparison of quadriceps muscle activity during open kinetic chain vs. closed kinetic chain isometric exercises [Abstract]. *J Ath Trn.* 2003;38: S-81.

PEER REVIEWED PRESENTATIONS

Laursen, M., **Clements, C.** Wanted: A Patient-Centered Care Culture for Physically Active Patients (October, 2017). Oral presentation at the Association of Schools of Allied Health Professions, San Antonio, TX.

Clements C., Duckett A. A Comprehensive Approach to Evaluation and Treatment of the Ill Athlete (January, 2017). Workshop presented at the Eastern Athletic Trainers' Association Annual Conference, Philadelphia, PA.

Clements C., Keenan J. Improving Clinical Education by Centralizing Operations in a College of Health and Rehabilitation Sciences (October, 2016). Oral presentation at the Association of Schools of Allied Health Professions Annual Conference, New Orleans, LA.

Clements C., Laursen M. Entrepreneurial Strategies to Solve Clinical Education Challenges (October, 2015). Oral presentation at the Association of Schools of Allied Health Professions Annual Conference, Scottsdale, AZ.

Clements C. Interprofessional Education: Lessons Learned (2013, June). Oral presentation at the National Athletic Trainers' Association Annual Meeting and Clinical Symposia, Las Vegas, NV.

Vesci B., **Clements C.** What I say; What I hear (2013, January). Oral presentation at the National Athletic Trainers' Association Educators' Conference, Dallas, TX.

Clements C., Chadburn J. Creating an evidence-based practice environment in clinical education (2011, February). Oral presentation at the National Athletic Trainers' Association Educators' Conference, Washington, DC.

Clements, C., Aguilar, A. (2010, March). Maximizing learning objectives of any real world professional education experience. Oral presentation at the annual Center for Excellence & Innovation in Teaching conference, Boston University, Boston, MA.

Clements, C., Dodge, T., Brown, S. (2009, June). Influence of asynchronous physician augmented on-line discussion on learning outcomes in a general medical clinical education experience. Oral presentation at the National Athletic Trainers' Association Annual Meeting and Clinical Symposium, San Antonio, TX.

Clements, C., Dodge, T., Brown, S. (2009, February). A new strategy for maximizing the general medical clinical education experience. Poster Session presented at the National Athletic Trainers' Association Educators' Conference, Washington, DC.

Phelps, J., Dodge, T., **Clements, C.** (2008, February). Lingering proprioceptive deficits in a high school hockey player: a case study. Poster Session presented at the Southeast Athletic Training Educators' Conference, Atlanta, GA.

Clements, C., Hammond, T. (2006, December). A comparison of temperature and humidity measurements made with sling psychrometers vs. digital psychrometers. Poster Session presented at the Lasell College Connected Learning Symposium, Newton, MA.

Campolo, M., **Clements, C.**, Bakatsias, S., Robustelli, F., Skripak, R. (2005, June). A comparison of quadriceps muscle activity during open kinetic chain vs. closed kinetic chain exercises in females. Poster Session presented at the annual American Physical Therapy Association Symposia, Boston, MA.

Campolo, M., **Clements, C.**, (2004, May). A comparison of quadriceps muscle activity during open kinetic chain vs. closed kinetic chain exercises in females. Poster Session presented at the annual Seton Hall University School of Graduate Medical Education Research Symposia, South Orange, NJ.

Clements, C., Campolo, M., Cummings, D., Goldfuss, A., Hauth, J., and Stiskal, D. (2003, June). A comparison of quadriceps muscle activity during open kinetic chain vs. closed kinetic chain isometric exercises at different knee angles. Poster session presented at the annual National Athletic Trainers' Association Meeting and Clinical Symposia, St. Louis, MO.

Clements, C., Campolo, M., Cummings, D., Goldfuss, A., Hauth, J., and Stiskal, D. (2003, January). A comparison of quadriceps muscle activity during open kinetic chain vs. closed kinetic chain isometric exercises at different knee angles. Poster session presented at the annual Eastern Athletic Trainers' Association Meeting and Clinical Symposia, Boston, MA.

INVITED PRESENTATIONS

Clements, C. Giving Practicing Athletic Trainers a Voice in the Future of Athletic Training Education. Panel discussion at the Eastern Athletic Trainers' Association Annual Conference, Boston, MA.

Clements, C. Professional Development Peer-to-Peer for Coordinators of Clinical Education. (2018, January). Oral presentation at the Eastern Athletic Trainers' Association Annual Conference, Boston, MA.

Clements, C. Good Preceptors (2016, May). Oral presentation at the Athletic Trainers of Massachusetts/Rhode Island Athletic Trainers' Association Annual Conference, Newton, MA.

Clements, C. Problem-Based Approach to Examining Patients with non-Musculoskeletal Health Conditions (2015, May). Oral presentation and lab at the Athletic Trainers' of Massachusetts Conference, Newton, MA.

Clements, C. Program Quality Assurance (2014, October). Oral presentation at the Commission on Accreditation of Athletic Training Education Accreditation Conference, Tampa, FL.

Clements, C. Program Quality Assurance (2014, July). Oral presentation at the Commission on Accreditation of Athletic Training Education workshop, Southwest Athletic Trainers' Association Conference, Frisco, TX.

Clements, C. Putting Your Patient-care Data to Use (2014, June). Oral presentation at the National Athletic Trainers' Association Annual Meeting and Clinical Symposia, College and University Athletic Trainers' Committee Special Session, Indianapolis, IN.

Clements C., Horton D. From Paper to Preceptor...and Back (2013, March). Oral presentation at the CAATE Workshop, Great Lakes Athletic Trainers' Association Conference, Chicago, IL.

Clements, C., Horton D. From Paper to Preceptor...and Back (2013, January). Oral presentation at the CAATE Workshop, Eastern Athletic Trainers' Association Conference, Buffalo, NY.

Clements C., Vesci B. Clinical Education Strategies – What you say, what I hear (2012, February). Oral presentation at the CAATE Workshop, Southeastern Athletic Trainers' Association Educators' Conference, Atlanta, GA.

BOSTON UNIVERSITY PRECEPTOR WORKSHOPS

Annual development, implementation, and presentation of professional development workshops for AT program preceptors.

Quality Assurance in Clinical Education and Practice (May, 2016). Focus: accurate and effective use of our clinical assessment tools.

Cultivating Interactions: Continued (May, 2015). Focus: incorporating interprofessional practice opportunities, engaging students, and setting expectations.

Cultivating Interactions among Students and Preceptors (May, 2014). Focus: implementing communication strategies to facilitate successful clinical experiences and reduce frustration.

Got Solutions? (May, 2013). Focus: examining and revising assessment tools for clinical education.

Critical Reflection: Aligning Practice with the New Competencies (May, 2012). Focus: bringing preceptors up to speed on newly incorporated content.

Supervision, Questioning & Feedback (May, 2011). Focus: varying supervisory style, strategic questioning, and feedback delivery to match student experience.

Change is Hard: Disablement and Outcomes in AT Practice (May, 2010). Invited presentation by John Parsons, PhD, ATC. Focus: learning about disablement models and implementing patient-reported outcomes in clinical practice.

From Novice to Expert (May, 2009). Focus: developmental stages of clinical learners; identifying clinical expertise of our ACIs.

Students Today (May, 2008). Focus: being an ACI for millennial students.

GRADUATE STUDENT ADVISING

HPED 510: Education Practicum [Simmons College] (Summer 2017): served as preceptor for student completing a practicum project focused on curricular planning and development.

HS 793: Critical Literature Review in Human Physiology (Spring 2017) Project: Patient Centered Care within the Secondary School Setting: A Case Series.

Expert reviewer for Oklahoma State University doctoral student survey instrument (Fall 2016). Topic: Models of Clinical Education

FUNDED CONTRACTS/SECURED GIFTS

Chelsea High School Athletic Training Services Contract (2008-2017). Annually secured funding from Chelsea High School to support athletic training services provided by a licensed athletic trainer completing a graduate assistantship at Boston University. Total funding: \$229,165.00

SERVICE

- Co-organizer – Clinical Education Summit (sponsored and hosted by Boston University Athletic Training Program) (2016-present)
- Founding Member – Athletic Training Clinical Education Research Network (2016-present)
- Member – Simulation workgroup (2016-present)
- Member – Interprofessional Education and Practice Advisory committee (2016-present)

- Member – College of Health and Rehabilitation Sciences Professional Programs committee (2015-present)
- Member – Department of Physical Therapy & Athletic Training Department Chair search committee (2015-16)
- Reviewer – Proposals for NATA Educators' Conference (2014, 2016)
- Working group member – National Athletic Trainers' Association Preceptor Development Modules (2014-15)
- Member – Department of Physical Therapy & Athletic Training Clinical Faculty search committee (2013-14)
- Reviewer – Proposals for NATA Annual Meeting (2013, 2014, 2015, 2016)
- Member – Professional & Clinical Education Committee, Boston University (2009-present) [ex officio as of 2014]
- Faculty Advisor – Sargent House, Boston University (2008-present)
- Member – Department of Physical Therapy & Athletic Training Sports Medicine Faculty search committee (2011-12)
- Advanced track seminar lab assistant - *Neurodynamics and Pain: Examination and Treatment*. National Athletic Trainers' Association Annual Meeting and Clinical Symposium, New Orleans, LA (2011, June)
- Member – Department of Physical Therapy & Athletic Training Chair Search Committee (2009-10; 2010-11)
- Member – Department of Physical Therapy & Athletic Training Committee on Academic Policy & Procedure (2009-2010)
- Chair – Committee for Faculty Support, Boston University (2008-2011)
- Member – Sargent College Faculty Council (2008-2011)
- External Reviewer – The Brownstone Journal (BU journal of undergraduate research and scholarship) (2009-2011)
- Faculty Advisor – Sports Medicine Club, Lasell College (2006-2007)
- BOC Examiner Training Workshop (January 2003)
- Member – College Insurance Committee, Stevens Institute of Technology (2003-2004)
- Member – University Risk Management Committee, Seton Hall University (2001-2003)

COMMUNITY SERVICE

March of Dimes Walk for Babies - 2015

Medical Volunteer, Boston Marathon – 2014, 2015, 2017

U8 Soccer Coach, Grafton Soccer – 2016, 2017

U6 Soccer Coach, Grafton Soccer – 2014, 2015, 2016, 2017

Lil' Miss Softball Coach, Grafton, MA - 2017

CONTINUING EDUCATION

PROFESSIONAL CONFERENCES

WORLD FEDERATION OF ATHLETIC TRAINING AND THERAPY WORLD CONGRESS

- Madrid, Spain (2017)

ASSOCIATION OF SCHOOLS OF ALLIED HEALTH PROFESSIONS CONFERENCE

- Fall meeting (2014, 2015, 2016, 2017)
- Spring meeting (2016)

CAATE ACCREDITATION CONFERENCE

- 2014

NATA ATHLETIC TRAINING EDUCATORS' CONFERENCE

- 2007, 2009, 2011, 2013, 2017

NATA ANNUAL MEETING AND CLINICAL SYMPOSIA

- 2000-04, 2009, 2011, 2013-2017

EATA ANNUAL MEETING AND CLINICAL SYMPOSIA

- 1997, 1998, 2003, 2005-2007, 2009, 2010, 2013-2018

SEATA Educators' Conference

- 2008, 2010, 2012

America East Sports Medicine Conference

- June 2011

ATHLETIC TRAINERS OF MASSACHUSETTS

- 2005, 2015, 2016

ATHLETIC TRAINERS' SOCIETY OF NEW JERSEY

- 2004

NORTHEAST COLLEGE AND UNIVERSITY SPORTS MEDICINE MEETINGS

- Host June 2004 (Stevens Institute of Technology, Hoboken, NJ)
- JUNE 2003 (Boston, MA)

CONTINUING EDUCATION WORKSHOPS/COURSES/LECTURES

Respiratory Influences on Core Stability (December 2017)

Incorporating Cultural Competence in the Evidence Based Framework: A Closer Look at Patient Values (May 2017)

Concussion is Treatable: A Systematic Approach to Treating Concussions (June 2016)

Foundational Concepts of Clinical Outcomes Assessment and Strategies for Implementation (December 2015)

Nuts & Bolts: A Practical Guide to Collecting Patient Outcomes (December 2015)

Developing and Utilizing Clinical Outcomes Databases in Clinical Practice (December 2015)

Dehydration Causes Muscle Cramping: Myth or Fact (December 2015)

Concussion as a Public Health Issue (November 2015)

Acute Skin Trauma: Evidence for Clinical Practice (September 2015)

Pain Mechanisms (December 2014)

NATA Clinical Instructor Educator Seminar (February 2011)

Boston University Weekly Lecture Series

- MCL Injuries – Case study (October 2009)
- Concussion Update (August 2010)
- The Lower Extremity and it's Role in Postural Control (November 2010)

Approved Clinical Instructor Seminar

- Lasell College (January 2005, June 2006, May 2007)
- Seton Hall University (June 2001, June 2003)

Low Back Dysfunction in the Athlete: Evaluation and Management for the Athletic Trainer

- Seton Hall University (June 2001)

PROFESSIONAL MEMBERSHIPS

National Athletic Trainers' Association

Eastern Athletic Trainers' Association

Athletic Trainers of Massachusetts

CERTIFICATIONS

Board of Certification for the Athletic Trainer (June 1998) - Certification # 079802427

Commonwealth of Massachusetts Athletic Training License - License #1647

American Red Cross CPR/AED for Professional Rescuers and Health Care Providers