

NAME: Sara Daniels Brown, MS, ATC

WORK ADDRESS: Boston University: College of Health and Rehabilitation Sciences, Sargent College
635 Commonwealth Avenue
Department of Physical Therapy and Athletic Training
Boston, MA 02215
(617) 353-7507
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EDUCATION: Boston University, Boston, Massachusetts
School of Education
EdD in Human Movement, Curriculum and Teaching
Comprehensive exams completed; all but dissertation (1991 – 2000)

Syracuse University, Syracuse, New York
Credits towards EdD in Higher Education (1988-1991)

University of Arizona, Tucson, Arizona
Master of Science (August, 1985)
Major: Exercise and Sport Sciences (NATA-approved curriculum)
Concentration: Athletic Training

Miami University, Oxford, Ohio
Bachelor of Science (May, 1984)
Major: Health Education / Minor: Athletic Training (NATA-approved curriculum)

PROFESSIONAL EXPERIENCE:

1991-present *Director, Programs in Athletic Training*
Bachelor of Science in Athletic Training (1991 – on)
Accelerated Athletic Training / Doctor of Physical Therapy (2003 – on; co-director)
Master of Science in Athletic Training (2015 – on)
Boston University: College of Health and Rehabilitation Sciences, Sargent College
Department of Physical Therapy and Athletic Training
CAATE-accredited curricula

1991-present *Clinical Assistant Professor (1991 – 2000) / Clinical Associate Professor (2000 – present)*
Boston University: College of Health and Rehabilitation Sciences, Sargent College
Department of Physical Therapy and Athletic Training

Current teaching responsibilities:

- Examination & Diagnosis of Orthopedic Injuries (1993-2009; 2014-present), undergraduate
- Patient-Oriented Evidence for Athletic Trainers (2010 – present), graduate
- Education Practicum (2008 - present), undergraduate
- Clinical Athletic Training III & IV, undergraduate

Past teaching responsibilities:

- Evidence-based Practice (2013), undergraduate
- Foundations of Athletic Training (2012), undergraduate
- General Medical Practicum (2012), undergraduate
- Clinical Athletic Training III (2008 – present), undergraduate
- Clinical Medicine II (2008, 2009), graduate (DPT)/undergraduate (AT; AT/DPT)
- Clinical Medicine / Physical Agents (2004 – 2007), graduate (DPT)/undergraduate (AT)
- Physical Agents (1991-2003), undergraduate
- Clinical Sports Medicine (1991-93), coordinator, undergraduate
- Rehabilitation of Athletic Injuries (1991-93), undergraduate
- Practical Applications in Sports Physical Therapy, (1992-95), graduate, co-instructor

- Topics in Sports Physical Therapy - Spine & Upper Extremity (1996-1997), graduate, co-instructor
- Topics in Sports Physical Therapy - Lower Extremity (1995-1997), graduate, co-instructor
- Topics in Sports Physical Therapy (1997-2000), graduate, co-instructor
- Research Practicum in Athletic Training (1993-2007), undergraduate
- Athletic Training Practicum I (1992-1999), undergraduate
- Athletic Training Practicum III, undergraduate
- Clinical Athletic Training I, undergraduate
- Clinical Athletic Training IV, undergraduate

Service (department, college and university):

Current

- NCAA Faculty Athletics Representative, Boston University (2011 – present)
- Program Directors' Committee, Dept. of Physical Therapy and Athletic Training [member]
- Sargent College Administrative Advisory Council (1996-2000; 2007 - present)
- Boston University Athletics Advisory Board (1995-present) [faculty representative]
- Physical Therapy/Athletic Training Committee on Academic Policies and Procedures [ex officio member]

Past

- Enterprise Risk Management – Sports/Athletics Working Group (2015)
- Search Committee, Dean of College of Health & Rehabilitation Sciences (2013-14)
- Sports Medicine Junior Faculty Search Committee, Chair (2012 – 13)
- Student-Athlete Code of Conduct Task Force (2012)
- Boston University Men's Ice Hockey Task Force (2012)
- Sargent College Faculty Council, chair (1996-2000; 2010 – 2012; 2013 - 2014)
- Department of Physical Therapy and Athletic Training Search Committee (2008 – 2011) [member]
- Search Committee, Dept. of Physical Therapy and Athletic Training (2007-2008) [chair]
- Physical Therapy / Athletic Training Programs Search Committee (2001-present) [member]
- Sargent College, Enrollment Task Force (2002 – 2004) [member]
- NCAA Accreditation Committee (steering committee; academic standards committee; chair – student-athlete well-being subcommittee) (1995, 2000, 2010) [faculty representative]
- Athletic Training Faculty Search Committee (1998, 2001-present) [chairperson]
- Sargent College Strategic Planning Committee (1996-1998) [faculty representative]
- Dept. of Physical Therapy Chairman Search Committee (1997) [member]
- Sargent College Undergraduate Education Committee (1994-1996) [chairperson]
- Sargent College Faculty Council (1994-1996) [member]
- Boston University Nominating Committee (1995-1996) [chairperson]
- Department of Physical Therapy Search Committee (1992-1994) [member]
- Status of Women's Athletics Committee (1991- 1994) [faculty representative]
- Subcommittee on Academic Integrity, NCAA Accreditation (1994) [faculty representative]

1988-1991	<i>Assistant Athletic Trainer/Instructor</i> Syracuse University, Syracuse, NY Athletic Trainer, Big East All-Star Women's Basketball European Tour (1990)
1988-1990	Athletic Trainer (per diem) Onondaga Sports Medicine and Rehabilitation Center, Inc. (Syracuse, NY)
1986-1988	<i>Assistant Athletic Trainer/Instructor</i> Ohio University, Athens, OH
1985-1986	<i>Assistant Athletic Trainer</i> Syracuse University, Syracuse, NY
1984-1985	<i>Graduate Assistant Athletic Trainer</i> University of Arizona, Tucson, AZ

PROFESSIONAL SERVICE:

2014 – present	Chair, Standards Committee, Commission on Accreditation of Athletic Training Education
2014 – present	member, Nominating Committee, Board of Certification
1995 - present	JRC-AT / CAATE Site Visitor
2009 – 2013	Chair, Executive Committee for Education, National Athletic Trainers' Association
2011	Co-organizer, Athletic Training Summit, Strategies for Securing the Future of the Profession. March 24 – 27, 2011. Chandler, AZ
2009 – 2011	Member, Strategic Implementation Team, National Athletic Trainers' Association
2009 – 2011	Member, Vision Quest, National Athletic Trainers' Association
2005 – 2008	Developed and implemented Boston University / Sacred Heart University (BŪ/SHŪ) Challenge, fund raising initiative for the Research and Education Foundation
2000 - 2008	BOC Board of Directors (Vice President: 2001 – 2005; President: 2005 – 2007)
2004 – 2007	BOC liaison, Joint Review Committee – Athletic Training / CAATE
2003 - 2004	BOC liaison, Task Force on Continuing Professional Competency
2001 – 2004, 2007	BOC liaison, Exam Development Committee
2004 – 2005	BOC liaison, Educational Degree Task Force
1999 - 2000	BOC examiner training workshop facilitator
1997 – 1999	BOC liaison, NATA Continuing Education Committee
1997 - 2000	Chair, BOC Standards Committee
1996 - 1997	Coordinator, 1997 EATA Athletic Training Student Program
1995-1999	College Athletic Trainers' Society - newsletter editor
1994 - 2000	BOC Certification Examination - Test Site Administrator
1993 - 1998	BOC Certification Examination - exam development workshops
1992 - 1996; 2014	Boston Marathon - Volunteer Athletic Trainer
1992 - present	manuscript/software reviewer Journal of Athletic Training Journal of Sport Rehabilitation Journal of Athletic Therapy & Training Athletic Training & Sports Health Care F.A. Davis Publishing Co. Aspen Publishing Co. Human Kinetics Publishing Co.

1992-1996 ATOM Newsletter Editor

1989 - 1994 BOC Certification Examination Examiner

1988 - 1991 District 2 Newsletter Editor

PUBLICATIONS:

Starkey CA, Brown SD. *Examination and Diagnosis of Orthopedic Injuries, 4th*. Philadelphia: FA Davis, 2015

Starkey CA, Brown, SD. *Orthopedic and Athletic Injury Examination Handbook, 3rd*. Philadelphia: FA Davis, 2015.

Brown S. Development and delivery of intervention strategies. In Starkey C. *Therapeutic Modalities, 4th*, Philadelphia: FA Davis, 2013.

Welch C, Van Lunen B, Walker SE, Manspeaker SA, Hankemeier DA, Brown SD, Laursen M, Onate JA. Athletic training educators' knowledge, comfort, and perceived importance of evidence-based practice. *Athletic Training Education Journal*, 6(1); 5 – 14, 2011.

Breitbach A, Brown SD. The institutional and professional benefits of housing athletic training education programs in schools of health professions. *Journal of Allied Health*, 40; 39-42, 2011.

Starkey CA, Brown SD, Ryan J. *Examination and Diagnosis of Orthopedic Injuries*. Philadelphia: FA Davis, 2010. [versions in English, Japanese, Spanish]

Starkey CA, Brown SD, Ryan J. *Examination and Diagnosis of Orthopedic Injuries Handbook*. Philadelphia: FA Davis, 2010. [versions in English, Japanese, Spanish]

Brown SD. Knee Injuries. Hip and Pelvis Injuries. In Anderson M. *Athletic Training Field Manual*. Baltimore: Williams & Wilkins. 1998.

Brown SD & Starkey CA. *Laboratory Activities for Therapeutic Modalities, ed. 2*, Philadelphia: F.A. Davis. 1998.

Brown, SD. *Instructor's Guide for Evaluation of Orthopedic and Athletic Injuries*, Philadelphia: F.A. Davis. 1996.

Starkey CA & Brown SD. *Laboratory Activities for Therapeutic Modalities*, Philadelphia: F.A. Davis. 1994.

Brown, SD. Stock options. *College Athletic Management*, 1:1;19-20, 1989.

MONOGRAPHS

National Athletic Trainers' Association Executive Committee on Education. *Professional Education in Athletic Training: An Examination of the Professional Degree Level*. 2014. [co-chaired working group that developed the paper]

National Athletic Trainers' Association Executive Committee on Education. *Future Directions in Athletic Training Education*. 2013. [led working group that developed the monograph]

ABSTRACTS

Welch CE, Van Lunen BL, Walker SE, Manspeaker SA, Hankemeier DA, Brown S, Laursen RM, Onate JA., Effectiveness of a single-day evidence-based concepts pilot workshop for athletic training educators. *Athletic Training Education Journal*. 6(1 Supp):S28-29, 2011.

Brown SD. Strategies to maximize program evaluation. Athletic Training Educators' Conference Proceedings, Washington DC, 2009.

Brown SD, Laursen RM. ACI education: More than a workshop. Athletic Training Educators' Conference Proceedings, Dallas, TX, 2007.

Laursen RM, Brown SD. The value of structure and autonomy. Athletic Training Educators' Conference Proceedings, Houston, TX, 2005.

Brown SD, Laursen RM. Cultivating effective clinical instructors. Athletic Training Educators' Conference Proceedings, Houston, TX, 2003.

PRESENTATIONS:

International

Opportunities for Pervasive Sensing in Acute Injury and Rehabilitation Management in Athletic Training (invited), 10th Annual Body Sensor Networks Conference, MIT Media Lab, Cambridge, MA (May 2013)

The Use of Athletic Tape in the United States. Johnson & Johnson Manufacturing Plant, São Paulo, Brazil (2010)

Principles of Taping and Wrapping – Sports Medicine Course – Team Physicians, Beijing, China (April 2007)

National and Local

Future Standards in Athletic Training Education, Doctor of Athletic Training Winter Institute Phoenix, AZ (February 2016)

Accreditation Standards. CAATE Accreditation Conference, Tampa, FL (October 2015)

Why My Use of Ice Is Thawing (with Josh Beard). Patriot League Sports Medicine Conference, Boston, MA (May 2015).

Using PowerPoint for Pedagogical Good. Athletic Training Educators' Conference, Dallas, TX (February 2015)

Is Icing Worth It? (invited) Eastern Athletic Trainers' Association Meeting & Clinical Symposium, Philadelphia, PA (January 2015)

A Patient-Centered Examination Process. Össur Symposium, Boston, MA (September 2014)

Accreditation Standards: Looking Ahead. CAATE Accreditation Conference, Tampa, FL (October 2014)

Examination Techniques: So Many Tests, So Little Time. NATA Annual Conference & Symposium, Indianapolis, IN (July 2014)

Athletic Training Education, Southeastern Athletic Trainers' Association Educators' Conference, Atlanta, GA (February 2014)

Education Update (invited address), Florida Educators' Symposium, Lakeland, FL (June 2013)

Future Directions in Athletic Training Education (invited keynote address), Athletic Training Educators' Conference, Dallas, TX (January 2013)

Evidence-based Practice in Athletic Training: Everyone Benefits (webinar), National Athletic Trainers' Association (June 2012)

Education in Athletic Training: Future Considerations, Florida Athletic Training Educators' Symposium, Lakeland, FL (2012)

Education Update, Athletic Training Regulatory Conference, Omaha, NE (2011)

Developing and Assessing Outcomes in Athletic Training Education, NATA Annual Conference & Symposium, New Orleans, LA (2011)

Knee Injuries: When to Play, When to Rest, When to Refer (with Alysia Green). Sports Medicine for the Primary Care Physician, Boston, MA, September 2010.

Delivering College/University Athletic Training Services in a Health Care Model (with Matthew Pecci and Charlie Thompson). NATA Annual Conference & Symposium, Philadelphia, PA, June 2010.

Update on Athletic Training Education. NATA Annual Conference & Symposium, Philadelphia, PA (June 2010)

The Future of Athletic Training Education. University of Oregon Athletic Training Symposium, Eugene, OR (2010)

The State of Athletic Training Education. Athletic Training Regulatory Conference, Omaha, NE (2009)

Evidence Based Practice for Clinical Practice Education: A Study Investigating the Effectiveness of a Single-Day Workshop. Athletic Training Educators' Conference, Washington DC, 2009. (with Bonnie VanLunen, PhD, ATC)

Strategies to Maximize Program Evaluation. Athletic Training Educators' Conference, Washington DC, 2009.

Modalities for Edema Reduction: An Evidence-based Approach. NATA Annual Conference & Symposium, St. Louis, MO, June 2008.

Know How to Hold 'Em [keynote address]. Virginia Athletic Training Student Leadership Conference, Roanoke, VA, October 2007.

BOC Examination Update, Connecticut Athletic Trainers' Association, April 2007.

BOC Computerized Examination Update. North Carolina Athletic Trainers' Association, Raleigh, NC, March 2007.

Developmental Anatomy of an Exam (with Denise Fandel), Athletic Training Educators' Conference, Dallas, TX, January 2007.

ACI Education: More Than a Workshop. Athletic Training Educators' Conference, Dallas, TX, January 2007.

Incorporating Evidence-based Practice into Education. Evidence-based Medicine Summit, Atlanta, GA, 2006.

Developing a Multidimensional Technology Based Diagnostic Tool: An Innovative Approach to Certification Examination (with Gail Parr, PhD and Jim Henderson, PhD), Atlanta, GA, (June 2006).

The Importance of a National Exam to State Regulation. Athletic Trainer Regulatory Summit, Omaha, NE (July 2005).

Everything You Need to Know About the BOC Examination. Eastern Athletic Trainers' Association Athletic Training Student Workshop. Boston, MA (January 2005)

University of Connecticut Distinguished Lecture: Cultivating Effective Clinical Instructors. Storrs, CT (March 2004)

Cultivating Effective Clinical Instructors (with Mark Laursen). Athletic Training Educators' Conference, Houston, TX (January, 2003)

Theoretical Models for Program Development (invited lecture), Athletic Training Educators' Conference, Dallas, TX (January, 2001)

A New Approach to Clinical Education, Professional Educator's Conference, Dallas, TX (January, 1999). (with Gail Samdperil)

NATA-Approved Entry-Level Athletic Training Education Program in a Physical Therapy Setting. NATA Professional Education Committee Educator's Workshop, Orlando, FL (June, 1996)

Ohio House Bill 251 Coaches' Seminars (1986 – 1988)

POSTER PRESENTATIONS:

Welch CE, Van Lunen BL, Walker SE, Manspeaker SA, Hankemeier DA, Brown S, Laursen RM, Onate JA., Effectiveness of a single-day evidence-based concepts pilot workshop for athletic training educators. Athletic Training Educators' Conference, Washington DC, February 2011.

Clements CA, Dodge TD, Brown SD. A new strategy for maximizing the effectiveness of a general medicine clinical experience. Athletic Training Educators' Conference, Washington DC, February 2009.

Venis LE, Laursen RM, Brown SD. The use of an integrated database to manage an athletic training education program. Athletic Training Educators' Conference, Dallas, TX, January 2007.

SESSION MODERATOR:

Interprofessional Education Showcase, NATA Annual Conference & Symposium, June 2013

Innovations in Competency Integration, NATA Annual Conference & Symposium, June 2012.

Developing and Assessing Outcomes in Athletic Training Education, NATA Annual Conference & Symposium, June 2011.

Research in Therapeutic Modalities – Special Interest Group, NATA Annual Conference & Symposium, June 2008.

Athletic Training Education Program Issues, NATA Annual Conference & Symposium, June 2007.

Foundations of the ATC Credential – Standards of Practice, Exam and Continuing Education. Indianapolis, June 2005

GRANTS/EXTERNAL SUPPORT:

2009-2013 Chair, Executive Committee for Education
25% position support from National Athletic Trainers' Association

2001-02 Instructional Technology Grant, Boston University
Co-principal Investigator
Web-based Training Module in Psychological Aspects of Sport Injury and Rehabilitation
\$8,015

CONSULTING:

2014	Barton College, Athletic Training Program (document review and on-site visit)
2013	AT Still University, Athletic Training Programs (document review and on-site visit)
2009	University of Colorado Denver, Physical Therapy Program (document review)

THESIS ADVISING:

Miguel Rueda, Master's degree thesis [second reader]
The role of the athletic trainer in the post-surgical rehabilitation of the collegiate athlete. (May, 1998)

CONTINUING EDUCATION:

January 2016	Eastern Athletic Trainers' Association Meeting & Clinical Symposium (Boston, MA)
February 2015	Athletic Training Educators' Conference (Dallas, TX)
January 2015	Eastern Athletic Trainers' Association Meeting & Clinical Symposium (Philadelphia, PA)
February 2014	SEATA Educators' Conference (Atlanta, GA)
January 2014	Eastern Athletic Trainers' Association Meeting & Clinical Symposium (CT)
January 2013	Athletic Training Educators' Conference (Dallas, TX)
January 2012	Eastern Athletic Trainers' Association Meeting & Clinical Symposium (Boston, MA)
July 2011	Athletic Training Regulatory Conference (Omaha, NE)
February 2011	Athletic Training Educators' Conference (Washington DC)
March 2010	Instructional Innovation Conference (Boston, MA)
January 2010	Eastern Athletic Trainers' Association Meeting & Clinical Symposium (Boston, MA)
October 2009	Musculoskeletal ultrasound imaging training [2 day course] (Boston, MA)
July 2009	Athletic Training Regulatory Conference (Omaha, NE)
1985-1999, 2004-2015	National Athletic Trainers' Association National Conference & Symposium
February 2009	Athletic Training Educators' Conference (Washington DC)
January 2007	Athletic Training Educators' Conference (Dallas, TX)
January 2006	Evidence-based Medicine Summit (Atlanta, GA)
October 2005	American Society of Association Executives (Washington DC)
July 2005	Athletic Training Regulatory Conference (Omaha, NE)
January 2005, 07, 09	Eastern Athletic Trainers' Association Meeting & Clinical Symposium (Boston, MA)
January 2005	Athletic Training Educators' Conference (Houston, TX)
July 2004	Athletic Trainer Regulatory Conference (Omaha, NE)
January 2004	Eastern Athletic Trainers' Association Annual Conference (Philadelphia, PA)
January 2003	Athletic Training Educators' Conference (Houston, TX)
January 2003	Eastern Athletic Trainers' Association Meeting & Clinical Symposium (Boston, MA)
January 2001	Eastern Athletic Trainers' Association Meeting & Clinical Symposium (Providence, RI)

January 2001	Athletic Training Educators' Conference (Dallas, TX)
January 1999	Professional Educators' Conference (Dallas, TX)
January 1997	Professional Educators' Conference (Dallas, TX)
January 1997	Eastern Athletic Trainers' Association Meeting & Clinical Symposium (Boston, MA)
December 1996	McKenzie Approach to Treatment of the Spine (Boston, MA)
May 1996	Sacroiliac Joint Dysfunction - Assessment and Treatment - Dan Dyrek (Boston, MA)
January 1996	NATA Speaker/Media Training Workshop (Dallas, TX)
February 1995	USOC/SPTS-APTA/NATA Closed Kinetic Chain Activity (Birmingham, AL)
March 1994	Athletic Trainers of Massachusetts Annual Conference (Waltham, MA)
November 1993	Joint Mobilization for Athletic Trainers (Boston, MA)
1992, 1993	Eastern Athletic Trainers' Association Meeting & Clinical Symposium (Boston, MA)

LICENSES AND CERTIFICATIONS:

- BOC certified athletic trainer (#000041364) [NPI# 1366577702]
- Massachusetts licensed athletic trainer
- Instructor, American Heart Association, Cardiopulmonary Resuscitation

ORGANIZATIONS:

- National Athletic Trainers' Association
- College Athletic Trainers' Society
- Eastern Athletic Trainers' Association
- Athletic Trainers of Massachusetts

AWARDS:

2015	Sayers "Bud" Miller Distinguished Educator Award, National Athletic Trainers' Association
2014	Most Distinguished Athletic Trainer, National Athletic Trainers' Association
2013	Paul Grace Leadership Award, Board of Certification
2012	Outstanding Research Manuscript Award, Journal of Athletic Training Education Welch C, Van Lunen B, Walker SE, Manspeaker SA, Hankemeier DA, Brown SD, Laursen M, Onate JA. Athletic training educators' knowledge, comfort, and perceived importance of evidence-based practice. <i>Athletic Training Education Journal</i> , 6(1); 5 - 14, 2011.
2009	New Initiative Service Award (with Gail Samdperil) Research and Education Foundation
2008	Athletic Trainer of the Year Athletic Trainers of Massachusetts
2000	Award of Merit College of Health and Rehabilitation Sciences: Sargent College
2000	Whitney R. Powers Award for Teaching Excellence College of Health and Rehabilitation Sciences: Sargent College

- 1997 Award of Merit
Sargent College of Allied Health Professions
- 1996 Dan Libera Service Award (BOC)