R. Ray Castle, PhD, LAT, ATC

**CURRENT POSITION:** Professor of Professional Practice

Program Director, Bachelor of Science in Athletic Training

# WORK ADDRESS: Louisiana State University

School of Kinesiology

112 Huey P. Long Fieldhouse

Baton Rouge, LA 70803

Office: 225/578-7175

Fax: 225/578-3680

[rcastl1@lsu.edu](mailto:Rcastl1@lsu.edu)

# EDUCATION

**08/1998 – 12/2000 The University of Southern Mississippi, Hattiesburg, MS**

1. Doctor of Philosophy degree in Human Performance (emphasis in Administration and Teaching)
2. Research topic “The Effectiveness of a Computer Program and Other Factors in Predicting Students’ Success on the Written Simulation Section of the NATABOC, Inc. Certification Examination”

**08/1991 - 08/1993 The University of Southern Mississippi, Hattiesburg, MS**

1. Master of Science degree in Human Performance (emphasis in Exercise Science)
2. Thesis Topic, "Development and Validation of a Computer-Assisted Learning Program Designed to Enhance Professional Preparation in Athletic Training"

**08/1990 - 12/1990 The University of Southern Mississippi, Hattiesburg, MS**

1. Enrolled in athletic training-related classes

**08/1984 - 08/1990 Louisiana State University, Baton Rouge, LA**

1. Bachelor of Science degree in Kinesiology

**APPOINTMENTS: BOARDS, COMMISSIONS, COUNCILS**

9/14 – present LSU Stephenson Disaster Management Institute (SDMI)

*Senior Fellow*

5/11 – 9/17 Commission on Accreditation of Athletic Training Education (CAATE)

*Athletic Trainer Board Member* (served two consecutive 3 year terms)

2012 – present American Heart Association

*Member, Louisiana State Advocacy Committee*

CERTIFICATIONS AND LICENSURES

Certified Athletic Trainer, Board of Certification, Inc. ([www.bocatc.org](http://www.bocatc.org))

1. Certification # 029156099 (issued 02/15/91)

Licensed Athletic Trainer, Louisiana State Board of Medical Examiners ([www.lsbme.la.gov](http://www.lsbme.la.gov))

1. License # ATH J00129 (issued 10/94)

National Identification Provider (NPI) #: 1477540979

* Issued 9/30/2005

American Red Cross – Instructor (July 2005 – present)

NATA Continuing Education Committee

* Clinical Instructor Educator (CIE) for Athletic Training Education Programs
  + Obtained January 2001

Graston Technique – Module 1 Certification (obtained December 2011) and Instructor

PROFESSIONAL EXPERIENCES

**08/2002 – present Louisiana State University – Baton Rouge, LA**

School of Kinesiology

*Professor of Professional Practice (promoted 2016)*

*Associate Professor – Professional Practice (promoted 2009)*

*Assistant Professor – Professional Practice (2002 – 2009)*

*Director, Bachelor of Science in Athletic Training*

* Teaching
  + Teaching of assigned undergraduate and/or graduate courses in the School of Kinesiology
* Service
  + - * + Responsible for oversight of the day-to-day operations, coordination, supervision, administration and evaluation of all components of the Bachelor of Science in Athletic Training.
        + Implement policies and procedures that are incompliance with CAATE Standards and Guidelines.
        + Communicate with and provide annual documentation as required by CAATE
        + Assignment and verification of specific duties given to person designated the administrative duties for clinical education coordinator.
        + Assignment and verification of specific duties for Kinesiology faculty given administrative release time for athletic training program administration and accreditation process.
        + Curriculum development
  + Adhere to Louisiana state practice act for athletic trainers and standards of professional practice for BOC Certified Athletic Trainers.
  + Academic advising of Athletic Training majors
  + Recruitment and correspondence with prospective students (high school, transfer, etc.).
  + Professional service and activities related to the mission and objectives of the department, college, and university.

**2012 – present Action Medicine Consultants, LLC - Baton Rouge, LA**

*Owner/President*

* Provide medical logistics and coverage for small- and large-scale athletic events
  + Tiger 10K in Tiger Stadium – Baton Rogue, LA
    - Medical Coordinator (08/17 – present)
  + USA Track & Field Master’s Championships – Baton Rouge, LA
    - Medical Coordinator (07/13/17-07/16/17)
  + The Mississippi Gulf Coast Marathon - Biloxi, MS
    - Medical Coordinator (2016 – present)
  + RiverRoux Triathlon
    - Medical Coordinator (2016 – present)
  + The Louisiana Marathon
    - Medical Coordinator (2013 – present)

**08/2008 – present Baton Rouge General Medical Center, Family Practice Sports Medicine Fellowship Program – Baton Rouge, LA**

*Teaching Faculty*

*Preceptor* (large-scale event medical coordination/coverage)

**09/2006 – 05/2012 Catholic High School – Baton Rouge, LA**

*Contract Athletic Trainer*

* Provide medical coverage for varsity and junior varsity athletes

**08/2005 – 2007 California University of Pennsylvania – California, PA**

Department of Health Science and Sports Studies

* + - * Adjunct Professor

**08/2000 – 08/2002 The University of West Florida, Pensacola, FL**

Division of Health, Leisure, & Exercise Science

*Assistant Professor and Director of Athletic Training Education*

* Oversee and guide the Athletic Training Specialization Program towards CAAHEP accreditation

1. Teach six-seven credit hours per semester (see "Teaching Experiences" below)

* Advisement of approximately 30-40 students Athletic Training majors and 20-30 prospective majors
* Coordination of clinical experiences for athletic training students at on-campus(UWF) and eight off-campus sites
* Produce scholarly research and publications
* Service to the Division, University, community, and profession

**10/2000 – 04/2003 United States Anti-Doping Agency (USADA), Colorado Springs, CO**

*Doping Control Officer*

* Supervise and administer random drug-testing of Olympic athletes

**08/1998 – 08/2000 The University of Southern Mississippi, Hattiesburg, MS**

School of Human Performance and Recreation

*Doctoral Graduate Assistant*

1. Supervision and clinical/didactic instruction of student athletic trainers in CAAHEP-approved Athletic Training Education Program
2. Coordination/assignment of practical rotations and collection of student and clinical instructor evaluation forms
3. Instructor for Athletic Training courses and General Activity courses offered by school (see "Teaching Experiences" below)
4. Development and maintenance of Athletic Training Program website
5. Sport coverage
6. Football, Track and Field/Cross Country, Men’s & Women’s Tennis, Men’s & Women’s Golf
7. Other duties as assigned by Department Chair and Athletic Training faculty

**10/1999 – 10/2000 United States Olympic Committee, Colorado Springs, CO**

Drug Control Administration

*Crew Chief for No-Advance Notice Drug Testing*

* Supervise and administer random drug-testing of Olympic caliber athletes

**07/1998 AAU 14-under Girl’s Basketball National Championship, Lafayette, LA**

### Athletic Training Services Coordinator

* Organized medical services (with 10 athletic trainers) for 84 teams at 8 sites in 30 mile radius of Lafayette

**08/1995 – 07/1998 The University of Louisiana - Lafayette Athletic Department, Lafayette, LA**

*Assistant Athletic Trainer*

*Adjunct Instructor – Department of Health and Physical Education*

1. Responsibilities include: medical insurance bills, inventory, student athletic trainer recruitment, and other duties as assigned by head athletic trainer
2. Sport coverage: men’s basketball, football, men’s/women’s track and field/cross country, men’s golf, cheerleaders/dance squads
3. Adjunct Instructor in Department of Health and Physical Education
4. Teaching of assigned courses in Sports Medicine curriculum
5. Coordinated transition of Sports Medicine degree program from Athletic Training Internship route to CAAHEP-approved Athletic Training Education Program

**08/1995 – 07/1998 Lafayette General Medical Center - Sports Medicine Department**

*Athletic Training Consultant*

1. Responsibilities include: coverage of local high school and recreational athletic events, assist with yearly high school physicals, and participation in high school student trainer workshops

**07/1994 - 07/1995 Lake Charles Memorial Hospital, Orthopaedic Rehabilitation and Sports Medicine Department, Lake Charles, LA**

*Staff Athletic Trainer*

1. Responsibilities include: prevention, evaluation, emergency care, and rehabilitation of athletic injuries at eight area high schools; coverage of area high school and recreational athletic games/events; and other duties as assigned by clinic director and sports medicine supervisor

*Athletic Training Continuing Education Coordinator*

1. Responsibilities include: development and supervision of continuing education programs for certified athletic trainers under the guidelines of the NATA Board of Certification as an Approved Continuing Education Provider organization

*Student Athletic Trainer Workshop Coordinator*

1. Reponsibilities include: organization and administration of 4 - 6 workshops per year

**07/1993 - 07/1994 The University of Southern Mississippi Athletic Department, Hattiesburg, MS**

*Assistant Athletic Trainer*

1. Responsibilities include: supervision, scheduling, and clinical/didactic instruction of student athletic trainers in NATA-approved Athletic Training Undergraduate Curriculum; supervision of two graduate assistants; inventory of equipment and supplies; supervision of medical and rehabilitation records; providing injury reports to football staff; and assist head athletic trainer with travel coordination for football and men's basketball
2. Primary sport coverage with football and baseball, and assisting with men's/women's basketball, men's/women's tennis, and volleyball

**1992 - 96 Cajunland Easter AAU Volleyball Classic, New Orleans, LA**

*On-site Athletic Trainer*

1. Coverage of 12-, 14-, 16-, and 18-under age group volleyball games

**08/1991 - 08/1993 The University of Southern Mississippi Athletic Department, Hattiesburg, MS**

*Graduate Assistant Athletic Trainer*

1. Responsibilities included: supervision, scheduling, and clinical/didactic instruction of student athletic trainers in NATA-approved Athletic Training Undergraduate Curriculum; inventory of supplies; and assisted head athletic trainer with travel coordination for football and men's basketball
2. Primary sport coverage with football and baseball

**12/1990 - 7/1991 Occupational Performance Center(Baton Rouge Physical Therapy) - Baton Rouge**

*Athletic Trainer/Rehabilitation Technician*

1. Responsibilities included: supervision of patients in exercise and work hardening areas, development of equipment for use in clinic

**08/1990 - 12/1990 The University of Southern Mississippi Athletic Department, Hattiesburg, MS**

*Student Athletic Trainer*

**11/1987 - 08/1990 Louisiana State University Athletic Department, Baton Rouge, LA**

*Student Athletic Trainer-Internship*

1. Experience with the following sports: football (1989-90), women's basketball (1988-89), women's track and field (1988), and volleyball, baseball, gymnastics, tennis, and swimming

**VOLUNTEER PROFESSIONAL EXPERIENCES**

**2013-present Boston Marathon and 5K/1 mile**

Athletic Trainer Volunteer

* Provided finish line medical coverage of marathon with team of athletic trainers and physicians; on-course medical coverage of 5K and 1 mile invitational races

**2013 Ironman Texas Triathlon**

Athletic Trainer Volunteer

* Provided transition and finish line medical coverage with team of athletic trainers and physicians

**2013 Louisiana Marathon (Baton Rouge, LA)**

Volunteer Medical Support

* Finish line and finish line medical tent

**2004 United States Olympic Committee (U.S. Women’s Boblsed Team)**

*Athletic Trainer*

* Provided medical coverage during World Cup Tour competition in Europe (12/5/04 – 12/19/04)

**2003 XIV Pan American Games – Santo Domingo, Dominican Republic**

*Medical Staff Member – United States Olympic Committee (Sports Medicine Division)*

* Athletic Trainer for U.S. Track Cycling Team

**2000 NATA National Meeting and Clinical Symposia – Nashville, TN**

*Volunteer Supervisor for Educational Multimedia Room*

**1999 United States Olympic Training Center - Lake Placid, NY**

*Volunteer Athletic Trainer*

* Participated in two-week rotation (7/26 - 8/10)
* Provided primary coverage of: men's/women's short-track speed skating, women's rugby

**1996 Olympic Games - Atlanta, GA**

*Athletic Training Volunteer Medical Staff*

1. Provided medical coverage to assigned sport venues (July 6 - July 17)

**1994-96, 99-00, 03 NATA Board of Certification, Inc. Certification Examination**

*Examiner/Model*

**1993 NCAA Division I Track and Field Championships, New Orleans, LA**

*Athletic Trainer*

**1992 U. S. Olympic Track and Field Trials, New Orleans, LA**

*Athletic Trainer*

**TEACHING EXPERIENCES**

**08/2002 – present Louisiana State University – Baton Rouge, LA**

School of Kinesiology

* Current Teaching Assignments
  + ATRN 2000 – Emergency Medical Response
  + ATRN 4509 - Therapeutic Exercise for Mobility, Function, Rehabilitation, and Performance
  + ATRN 3600 – Athletic Training Clinical Skills II
  + ATRN 4700 – Diagnostic Procedures
  + KIN 2509 – Medical Terminology for Kinesiology
* Previously Taught Courses
  + ATRN 2300 – Protective Taping/Bracing and Equipment Fitting
  + ATRN 2600 – Athletic Training Clinical Skills I
  + ATRN 3300 – Clinical Pharmacology
  + ATRN 4400 – Clinical Diagnosis of Psychosocial Conditions
  + KIN 2503 – Basic Athletic Training
  + KIN 2505 – Orthopedic Injury Evaluation Techniques I
  + KIN 2506 – Orthopedic Injury Evaluation Techniques II
  + KIN 3501 – Advanced Athletic Training
  + KIN 3505 – Practicum in Athletic Training (Musculoskeletal Anatomy)
  + KIN 3505 – Practicum in Athletic Training (General Medical Conditions)
  + KIN 3505 – Practicum in Athletic Training (Psychosocial Intervention)
  + KIN 3505 – Practicum in Athletic Training (Emergency Management)
  + KIN 3505 – Practicum in Athletic Training (Pharmacology)
  + KIN 3505 – Practicum in Athletic Training (Professional Development)
  + KIN 3508 – Organization and Administration in Athletic Training
  + KIN 3506 – Orthopedic Assessment in Athletic Training
  + KIN 3512 – Therapeutic Modalities
  + KIN 3608 – Communicable and Non-Communicable Diseases
  + KIN 4501 – Special Topics (Medical Terminology) (100% Online Class)
  + KIN 4605 – Habitual and Addictive Drugs In Our Culture

**08/2005 – 08/2008 California University of Pennsylvania – California, PA**

Department of Health Science and Sports Studies

Adjunct Instructor

* PRF 810 – Research in Performance Enhancement

**08/2000 – 08/2002 The University of West Florida – Pensacola, FL**

Division of Health, Leisure, & Exercise Science

* HLP 3300 – Organization and Administration of Professional Programs
* PET 2607 – Introduction to Sports Medicine/Athletic Training
* PET 2622 – Advanced Prevention and Care of Sport-Related Injuries
* PET 3484 – Management Strategies in Athletic Training
* PET 3607 – Athletic Training Terminology
* PET 4610 – Evaluation Techniques of Athletic Injuries II
* PET 4612 – Evaluation Techniques of Athletic Injuries I
* PET 4630L – Therapeutic Techniques of Athletic Injuries Laboratory
* PET 4671 – Practicum in Sports Medicine

**1998 - 2000 The University of Southern Mississippi – Hattiesburg, MS**

School of Human Performance and Recreation

* HPR 105 – Concepts of Fitness
* HPR 134 – Beginning Golf
* HPR 219 – Organization and Administration of Athletic Training Programs
* HPR 274 – Taping and Wrapping of Athletic Injuries
* HPR 371 – Care and Prevention of Injuries for Athletic Trainers
* HPR 378 – Rehabilitation of Athletic Injuries(Teacher Assistant)

**1995 - 1998 The University of Louisiana at Lafayette**

Department of Kinesiology

* PHED 138 – Clinical Experiences in Sports Medicine I
* PHED 139 – Clinical Experiences in Sports Medicine II
* PHED 238 – Clinical Experiences in Sports Medicine III
* PHED 239 – Clinical Experiences in Sports Medicine IV
* PHED 330 – Care and Prevention of Athletic Injuries
* PHED 331 – Assessment of Athletic Injuries
* PHED 430 – Advanced Sports Medicine

**1991 - 1994 The University of Southern Mississippi – Hattiesburg, MS**

School of Human Performance and Recreation

* HPR 195 – Introduction to Athletic Training
* HPR 274 – Taping/Wrapping of Athletic Injuries (Teacher Assistant)
* HPR 370 – Care and Prevention of Athletic Injuries
* HPR 374 – Evaluation of the Lower Extremities (Teacher Assistant)
* HPR 375 – Evaluation of the Upper Extremities (Teacher Assistant)
* HPR 420 – Practicum in Athletic Training (Teacher Assistant)

**NEW COURSE DEVELOPMENT**

**12/2014 Louisiana State University – Baton Rouge, LA**

School of Kinesiology

* ATRN 2000 – Emergency Medical Response
* ATRN 2001 – Foundations of Clinical Patient Assessment
* ATRN 2200 – Athletic Training Clinical Practice & Research 1
* ATRN 2201 – Athletic Training Clinical Practice & Research 2
* ATRN 2300 – Protective Taping/Bracing
* ATRN 2505 – Orthopedic Injury Evaluation Techniques 1
* ATRN 2507 – Physical Therapeutic Modalities
* ATRN 2600 – Athletic Training Clinical Skill 1
* ATRN 3200 – Athletic Training Clinical Practice & Research 3
* ATRN 3201 – Athletic Training Clinical Practice & Research 4
* ATRN 3300 - Clinical Pharmacology
* ATRN 3505 – Orthopedic Injury Evaluation Techniques 2
* ATRN 3600 – Athletic Training Clinical Skills 2
* ATRN 4200 - Athletic Training Clinical Practice & Research 5
* ATRN 4201 - Athletic Training Clinical Practice & Research 6
* ATRN 4400 – Clincial Diagnosis & Intervention Strategies for Psychosocial Conditions
* ATRN 4505 – Assessment of General Medical Conditions
* ATRN 4508 – Principles of Healthcare Administration in Athletic Training
* ATRN 4509 – Therapeutic Exercise for Mobility, Function, Rehabilitation, and Performance
* ATRN 4700 – Diagnostic Procedures

INTERNET / TECHNOLOGY BASED COURSE DEVELOPMENT

***Web-based***

* KIN 2509 – Medical Terminology for Kinesiology

**The University of West Florida – Pensacola, FL**

***Web-based***

* PET 2607 – Introduction to Sports Medicine/Athletic Training (3 cr; Summer 2001)
* PET 3607 – Athletic Training Terminology (1 cr; Summer 2001)

***Mixed-Mode***

* PET 3484 – Management Strategies in Athletic Training (3 cr; Fall 2001)
* PET 4610 – Evaluation Techniques of Athletic Injuries II (4 cr; Fall 2001)
* PET 4612 – Evaluation Techniques of Athletic Injuries I (4 cr; Spring 2002)
* PET 4630L – Therapeutic Techniques of Athletic Injuries Laboratory (2 cr; Spring 2002)

**PROFESSIONAL MEMBERSHIPS**

1990 - present National Athletic Trainers' Association (NATA)

1990 - present Southeast Athletic Trainers' Association (SEATA)

1990 - present Louisiana Athletic Trainers' Association (LATA)

2000 - 2002 Athletic Trainers’ Association of Florida (ATAF)

## PROFESSIONAL SERVICE

NATIONAL:

2011 – 2017 **Commission on Accreditation of Athletic Training Education (www.caate.net)**

Board Commissioner (elected May 2011); 1st term 2011-14; re-elected to second term 2014-17

* Finance Committee
* Liaison, Site Visit and Review Team Committees
* Competency Matrix Work Group (chair)
* Site Visitor Process & Training Work Group
* Electronic Accreditation Process Transition Work Group
* CAATE Accreditation Conference
  + Conference Coordinator (2014; 2015)

2010 – 2012 **National Athletic Trainers’ Association Research & Education Foundation**

Board Member (Representing NATA District IX)

2010, 2011 **National High School Athletic Healthcare Conference (Live + Online Broadcast)**

Organizing Chair

**National Athletic Trainers’ Association (NATA)**

2004 – 2008 *NATA Education Council Executive Committee (ECEC)*

* Voting member representative for NATA Educational Multimedia Committee (EMC)

1999 - 2008 *Educational Multimedia Committee(EMC)*

* Chair (2004 – 2008)
  + Coordinate and oversee all aspect of committee
* District IX Chair (2002 – 2004)
  + serve as committee member for Southeast Athletic Trainers’ Assocation
* Advisory Member (1999 – 2002)

2004 – 2007 *College/Unversity Athletic Training Student Committee*

* District IX Committee Member

1997-99 *Research and Education Foundation (NATA REF)*

1. State Representative for Louisiana

* Coordinate fundraising efforts at the state level

**REGIONAL:**

**Southeast Athletic Trainers’ Association (SEATA)**

2018 – present *Research and Education Committee*

2008 – 2014 *SEATA Corporate Partnership Committee*

2006 – 2014 *SEATA Athletic Trainer Educator Conference Planning Committee*

2002 – 2014 *SEATA Athletic Training Student Symposium Planning Committee*

* Chair

1999 - 2014 *SEATA Athletic Training Student Clinical Symposium*

* Organizing Chair (2002 – 2014)
* Laboratory/Lecture Supervisor (1999 – 02)

2004 – 2007 *College/Unversity Athletic Training Student Committee*

* Chair

STATE:

**Louisiana Athletic Trainers' Association (LATA)**

2013 – 2016 *Vice-President*

2012 – 2013 *Governmental Affairs Committee*

* Vice Chair

2011 – 2012 *Research & Education Committee*

2009 – 2011 *Secondary School Athletic Trainers’ Committee*

2005 – 2008 *Governmental Affairs Committee*

2002 – 2008 *LATA Task Force on Appropriate Medical Coverage in High School Athletics*

1994 – 1997 *Professional Improvement Committee*

1992 – 1993 *Continuing Education Committee*

1991 *Legislative Committee*

6/24/09 **Louisiana Secondary School Athletic Healthcare Summit**

* *Program Chair*

**Athletic Trainers’ Association of Florida (ATAF)**

2001 – 2002 *College/University Student Athletic Trainer's Committee (CUSATC)*

* *Chair*
  + Oversee five subcommittees within CUSATC
  + Participate in yearly ATAF Executive Committee Meeting
  + Serve as ATAF representative to the CUSATC of the Southeast Athletic Trainers’ Association
  + Provide regular progress reports to committee members and ATAF Officers regarding CUSATC

1995 – 1997  **Louisiana Sports Medicine Society (LSMS)**

*Executive Committee*

# SCHOOL:

2009 – 2018 Kinesiology Advisory Council

2015 Sports Management Faculty Search Committee (Per Svensson)

Member

2015 Sports Management Faculty Search Committee (Chris Barnhill)

Member

2014 Athletic Training Faculty Search Committee (Amanda Benson)

Chair

2012 Sports Management Faculty Search Committee (Kwame Angemang)

Chair

2011 Sports Management Faculty Search Committee (Brian Soebbing)

Chair

2006 - present Undergraduate Committee, School of Kinesiology, Louisiana State University

2004 Tiger Athletic Foundation (TAF) Undergraduate Teaching Award (Committee member)

2003 – 2006 Outcomes Assessment Committee, Department of Kinesiology, Louisiana State University

2000 – 2002 Chair – Technology Advisory Committee, Division of Health, Leisure, & Exercise Science, The University of West Florida

2000 – 2002 Chair – Sports Medicine/Athletic Training Advisory Committee, Division of Health, Leisure, & Exercise Science, The University of West Florida

2000 – 2001 Faculty Advisor – Student Athletic Training/Sports Medicine Association (SATSMA), The University of West Florida

2000 (Fall) Developed and received approval for the addition of fourteen (14) Athletic Training courses at The University of West Florida.

* PET2603 – Introduction to Sports Medicine/Athletic Training (3 sh)
* PET3607 – Athletic Training Terminology (1 sh)
* PET3680 – Protective Methods in Sports Medicine (3 sh)
* PET3484 – Management Strategies in Athletic Training (3 sh)
* PET3670 – Athletic Training Clinical I (1 sh)
* PET3671 – Athletic Training Clinical II (1 sh)
* PET4612 – Evaluation Techniques of Athletic Injuries I (4 sh)
* PET4630L – Therapeutic Techniques in Athletic Training Laboratory (2 sh)
* PET4610 – Evaluation Techniques of Athletic Injuries II (4 sh)
* PET4605 – General Medical Conditions (2 sh)
* PET4672 – Athletic Training Clinical III (1 sh)
* PET4673 – Athletic Training Clinical IV (1 sh)
* PET4611 – Evaluation Techniques of Athletic Injuries III (3 sh)
* PET4625 – Medical Aspects of Athletic Training (2 sh)

9/1999 – 8/2000 The University of Southern Mississippi, Hattiesburg, MS

School of Human Performance and Recreation

* Graduate Student Advisory Committee

1998 (Spring) Developed and received approval for Athletic Training courses at The University of Louisiana - Lafayette

* KNES 138 – Clinical Experiences in Sports Medicine I (course revision)
* KNES 238 – Clinical Experiences in Sports Medicine II (course revision)
* KNES 331 – Assessment of Athletic Injuries I (course addition)
* KNES 333 – Assessment of Athletic Injuries II (course addition)
* KNES 430 – Advanced Sports Medicine (course revision)

**COLLEGE:**

2016 – 2017 Diversity Committee

* Member

2014 – 2016 Stewardship & Development Committee

* Member

2012 – 2014 Retention and Recruitment Committee

* Chair

2011 – 2014 College of Education Honors & Awards Committee

* Member

2006 - 2010 College of Education Technology Committee (Department of Kinesiology representative)

**UNIVERSITY:**

5/16 – 11/16 Learning Management System (LMS) Review Committee

* Member

April – June 2014 Search Committee member for Academic Technology Services Director position

2011 – present Lambda Chi Alpha Fraternity (LSU Chapter) Advisory Control Board

* Faculty Advisor

2010 – present LSU Moodle Development Advisory Council

2006 – 2016 Communication Across the Curriculum (CxC) Advisory Council

*LSU College of Human Sciences & Education Representative*

*Communication Across the Curriculum (CxC) Certified Courses*

\*\*courses are certified according to intensive modes (Writing; Technology; Spoken; Visual)

\*\*must have two communication intensive modes in each course

* + KIN 2505 – Orthopedic Injury Evaluation Techniques I (Writing; Technology)
  + KIN 2506 – Orthopedic Injury Evaluation Techniques II (Spoken; Technology)
  + KIN 4605 – Habitual and Addictive Drugs in Our Culture (Written; Spoken)

*Distinguished Communicator (CxC DCOMM) Mentorship*

* Adrianne Bosworth (2015)

*May 2009 CxC Writing Across The Curriculum Assessment Team*

*-- Data utilized to assess writing across the curriculum for reporting purposes of LSU’s SACS Accreditation Report*

**ORGANIZING COMMITTEE FOR CONFERENCES/SYMPOSIA**

2016 - present Emergency Care in Athletics Course (Baton Rouge, LA).

- Co-Chair

2016 LATA Summer Clinical Symposium (Marksville, LA).

- Chair

2015 CAATE Accreditation Conference (Tampa, FL).

- Chair

2015 LATA Summer Clinical Symposium (Lake Charles, LA).

- Chair

2015 LATA Running Injuries Clinic (Lake Charles, LA)

- Chair

2014 CAATE Accreditation Conference (Tampa, FL).

- Chair

2014 LATA Summer Clinical Symposium (Lake Charles, LA).

- Organizing Committee

2014 SEATA Athletic Training Student Symposium (Atlanta, GA).

- Chair

2014 SEATA Biennial Athletic Training Educator’s Conference

- Planning Committee

2013 SEATA Athletic Training Student Symposium (Atlanta, GA).

- Chair

2012 SEATA Athletic Training Student Symposium (Atlanta, GA).

- Chair

2012 SEATA Biennial Athletic Training Educator’s Conference

- Planning Committee

2011 SEATA Athletic Training Student Symposium (Atlanta, GA).

- Chair

2010 SEATA Athletic Training Student Symposium (Atlanta, GA).

- Chair

2010 SEATA Biennial Athletic Training Educator’s Conference

- Planning Committee

# COMMUNITY INVOLVEMENT:

2014 – present National Bone Marrow Donor Program (“Be The Match”)

* Volunteer

2006 – present American Heart Association – Baton Rouge Chapter

*State Advocacy Board Member (2011 – present)*

*Community Action Network Volunteer (2009 – 2012)*

*Company Leader – LSU Heart Walk (2010 – 2013)*

2003 – 2008 Costal Conservation Associaion (CCA)

*Member and Baton Rouge Chapter Board Member*

1. Boxes Etc. Children’s Foundation Charity Golf Tournament - Pensacola, FL

*Volunteer*

1996-1997 Leukemia Society of America

*Voluneer - Team In Training* program

1. Involved raising money for Society through individual sponsorships to run in London(England) Marathon in April, 1997
2. Coordinated two fundraising events which raised approximately $3,900

# PROFESSIONAL PRESENTATIONS

**REFEREED RESEARCH – POSTER PRESENTATIONS**

**INTERNATIONAL**

1. **Castle, R. R**., Johnson, L., Ray, D., Gremillion, S., Daray, L., McGregor, A., & Stone, D. (2011). GeauxHeart Baton Rouge: Impacting At-Risk Cardiovascular Populations Through Community and Faith-Based Centers. 10th Annual Hawaii International Conference on Education, Honolulu, HI (January 4-7, 2011).
2. Johnson, L.G., **Castle, R.R.,** Daray, L., McGregor, A., Cardo, C., Thibodeaux, J., Ray, D., Gremillion, S., & Waits, T. (2011). GeauxHeart Baton Rouge: Implementing Internships and Service Learning Through a Community Service Research Grant Targeting At-Risk Populations. 10th Annual Hawaii International Conference on Education, Honolulu, HI (January 4-7, 2011).
3. **Castle, R. R**., Thompson, M. H., Dore’, T. L., Brunet, M., Lew, K., & White, G. (2006). Improving Undergraduate Athletic Training Education in Louisiana Through Collaborative Relationships: Development of a Sports Healthcare Web Portal To Deliver Streaming Educational Videos. 4th Annual Hawaii International Conference on Education, Honolulu, HI (January 5-9, 2006).
4. Dore’, T. L., Harper, R., & **Castle, R. R.** (2006). Development of a Secondary School Sports Medicine Curriculum in Louisiana. 4th Annual Hawaii International Conference on Education, Honolulu, HI (January 5-9, 2006)
5. Stemmans, C. L., & **Castle, R. R.** (2006). Athletic Training Use and Perceptions of Educational Technology and Multimedia. 4th Annual Hawaii International Conference on Education, Honolulu, HI (January 5-9, 2006)

**NATIONAL**

1. **Castle, R. R**., Bobo, L. S., & Gallaspy, J. B. (2003) Linking The Athletic Training Student With The “Real World”: Developing Scenario-Based Videos To Enhance Critical Decision-Making. 2003 Athletic Training Educators’ Conference in Montgomery, TX, January 10-12, 2003.
2. **Castle R. R.,** & Gangstead, S. K. (2001). Successful Faculty Development and Evaluation: The Complete Teaching Portfolio. Presented at the 2001 NATA Athletic Training Educator Conference, Dallas, TX (January 2001).
3. **Castle, R. R.,** Gallaspy, J. B., Ganstead, S. K., Knight, C., & Thompson, W. (1998). Development and Validation of a Computer-Assisted Learning Program Designed to Enhance Professional Preparation in Athletic Training. Presented at the Free Communications Session of the 1998 National Athletic Trainers' Association Meeting and Symposia, Baltimore, MD (June 1998).

**REGIONAL**

1. Simoneaux AB, Lemoine NP Jr., Scott MC, Early KS, Mullenix S, Marucci J, Barker A, Church TS, **Castle RR,** Johannsen NM. Effects of Environment, Local Sweat Rate (LSR), and Body Size on Core Heat Storage in Collegiate Football Players. Poster at Southeast Chapter of American Collge of Sports Medicine (SEACSM), Feb 2016.
2. Lemoine NP Jr., Simoneaux AB, Scott MC, Early KS, Mullenix S, Marucci J, Barker A, Church TS, **Castle RR**, Johannsen NM. Sweat Rates and Electrolyte Losses of Football Players during Training Camp. Poster at Southeast Chapter of American Collge of Sports Medicine (SEACSM), Feb 2016.
3. **Castle, R. R**., Gangstead, S. K., & Johnson, J. T. (2000). The Effectiveness of a Computer Program and Other Factors in Predicting Students’ Success on the Written Simulation Section of the NATABOC Certification Examination. Presented at the 2001 SEATA Annual Symposium Research Seminar, Atlanta, GA (March 23, 2001).

**NON-REFEREED RESEARCH – INVITED ORAL PRESENTATIONS**

**NATIONAL**

1. **Castle, R. R.,** & Stemmans, C.L. (2002). The Current Use of Technology in Athletic Training Education Programs. Presented at the National Athletic Trainers’ Association 54th Annual Meeting and Clinical Symposia, St. Louis, MO (June 2003).

**ORAL - REFEREED PROFFESIONAL**

**INTERNATIONAL**

1. **Castle, R. R**., Thompson, M. H., & Dore’, T. L. (2006). Improving Undergraduate Athletic Training Education in Louisiana Through Collaborative Relationships: Development of a Sports Healthcare Web Portal To Deliver Streaming Educational Videos. 4th Annual Hawaii International Conference on Education, Honolulu, HI (January 5-9, 2006).

**NATIONAL**

1. Lemoine, Jr., N. P, Owens, M. E., Wang, H., Marucci, J., Mullenix, S., Calvert, D., Nelson, A. G., **Castle, R. R.,** Irving, B. A., Spielmann, G., Church, T., Harrell, B., Johannsen, N. M. (2018). Differential Sweat and Urine Electrolyte Reponses in Collegiate Football Players with Sickle Cell Trait. Poster presented at American College of Sports Medicine Annual Meeting, Minneapolis, MN. (May 2018).
2. Owens, M.E., Wang, H., Lemoine, Jr., N.P. , Marucci, J. , Mullenix, S. , Nelson, A.G. , **Castle, R.R.**, Irving, B.A., Spielmann, G., Rood, J., Church, T.S., Harrell, B., Johannsen, N.M.. (2018). Effects of Training Camp on Hematological Variables in Athletes with Sickle Cell Trait. Poster presented at American College of Sports Medicine Annual Meeting, Minneapolis, MN. (May 2018).
3. **Castle, R. R.** (2013). Got App? iPhone/iPad/Android Applications to Improve Productivity in Secondary School Settings. Presented at the National Athletic Trainers’ Association Annual Clinical Symposium – SSATC Specialty Session. Las Vegas, NV (June 24, 2013).
4. **Castle, R. R.** (2010). Un-clog the Lymphatic Drainage System: Re-Thinking Acute and Chronic Inflammation Treatment Strategies. Presented in the Educational Workshop Session at the National Athletic Trainers’ Association 61st Annual Meeting and Clinical Symposia, Philadelphia, PA (June 2010).
5. Thompson M.D., Landin D., **Castle R.R**., Eddy R., & Davis K. (2007). Foot injury: Soccer player. Clinical Case Study Presentation at the American College of Sports Medicine Annual Meeting, New Orleans, LA (May 2007).
6. Stemmans, C. L., & **Castle, R. R.**. Athletic Training Use and Perceptions of Educational Technology and Multimedia. Presentation at the National Athletic Trainers’ Association Clinical Symposia and Meeting, Atlanta, GA (June 2006).
7. **Castle, R.R.,** Landin D., Thompson, M.D., Marucci, J., and Nicola, M. (2006)**.** Foot Injury: Football. Clinical Case Study Presentation at the American College of Sports Medicine Annual Meeting, Denver, CO (June 2, 2006).
8. **Castle, R. R.** (2005). Learning Cultures: Current and Future Trends in E-Learning. Presented in the Educational Session “Future Trends in E-Learning” of the National Athletic Trainers’ Association 56th Annual Meeting and Clinical Symposia, Indianapolis, IN (June 2005).
9. **Castle, R. R.** (2004). Tracking Clinical Competencies: Using PDAs. Presented in “Session 28: Problems and Solutions in Managing Clinical Competencies” of the National Athletic Trainers’ Association 55th Annual Meeting and Clinical Symposia, Baltimore, MD (June 2004).
10. **Castle, R. R.**, Bobo, L. S., & Gallaspy, J. B. (2003) Linking The Athletic Training Student With The “Real World”: Developing Scenario-Based Videos To Enhance Critical Decision-Making. 2003 Athletic Training Educators’ Conference – Pre-Conference Workshop on “Technology in Clinical Education” in Montgomery, TX, January 10, 2003.
11. **Castle, R. R.**, Gangstead, S. K., & Johnson, J. T. (2000). The Effectiveness of a Computer Program and Other Factors in Predicting Students’ Success on the Written Simulation Section of the NATABOC, Inc. Certification Examination. Presented at the Free Communications, Thematic Poster Session: Athletic Training Education, at the National Athletic Trainers’ Association 52nd Annual Meeting and Clinical Symposia, Los Angeles, CA (June 2001).
12. **Castle, R. R**., & Gangstead, S. K. (2000). Using the Teaching Portfolio to Promote Faculty Development in Higher Education. Presented at the NAPEHE Annual Meeting, Amelia Island, FL.
13. **Castle, R. R.,** Gallaspy, J. B., & Johnson, J. T. (1999). The Effect of a Computer-Based Instructional Protocol on the Predictive Success of Students Taking the Written Section of the NATABOC, Inc. Certification Examination. Presented at the Free Communications, Thematic Poster Session: Teaching Athletic Training, at the National Athletic Trainers’ Association 51st Annual Meeting and Clinical Symposia, Nashville, TN (June 2000).
14. **Castle, R. R.**, Gallaspy, J. B., Ganstead, S. K., Knight, C., & Thompson, W. (1994). Development and Validation of a Computer-Assisted Learning Program Designed to Enhance Professional Preparation in Athletic Training. Lecture and Poster Presentation at the 1994 SEATA District Meeting and Clinical Symposium, Atlanta, GA.

**REGIONAL**

1. **Castle RR**. *Emerging Biosensor Technology To Improve Patient Care.* Feature Presentation Session at the 2018 Southeast Athletic Trainers’ Association Clinical Symposia (Atlanta, GA).
2. **Castle, R.R.,** & Lowery, B. (2012). Current Trends In The Clinical Application Of Therapeutic Modalities For Treating Acute And Chronic Inflammatory Musculoskeletal Conditions. Presented at the Research Session of the Southeast Athletic Trainers’ Association Annual Clinical Symposium, Altanta, GA (March 2012).

**ORAL - INVITED PRESENTATIONS**

**NATIONAL**

1. **Castle, R.R. (2016).** Using Benchmarks to Improve Program Outcomes. Presented at the CAATE Accreditation Conference, Tampa, FL (October 18, 2016).
2. **Castle, R.R. (2015).** Using Benchmarks to Improve Program Outcomes. Presented at the CAATE Accreditation Conference, Tampa, FL (October 18, 2015).
3. **Castle, R. R. (2015)**. Are You Equipped To Respond To A Mass Casualty Incident With An Athletic Component?. The Otho Davis Keynote Presentation at the National Athletic Trainers’ Association 66th Annual Clinical Symposia & Expo, St. Louis, MO (June 24, 2015).
4. **Castle, R.R. & Maxwell, P. (2014).** Athletic Training Handbook Policies & Procedures: Best Practices. Presented at the CAATE Accreditation Conference, Tampa, FL (October 17, 2014).
5. **Castle, R.R.** (2005). Integrating Video Into Athletic Training Education. Presented at the Pre-Conference Workshop, “*Technology Solutions for the Athletic Training Educator*”, of the 2005 NATA Athletic Training Educators’ Conference, Montgomery, TX (January 21-23, 2005).
6. **Castle, R.R.** (2005). “Capture” Knowledge with Concept Mapping Software (CmapTools©). Presented at the Pre-Conference Workshop, “*Technology Solutions for the Athletic Training Educator*”, of the 2005 NATA Athletic Training Educators’ Conference, Montgomery, TX (January 21-23, 2005).
7. **Castle, R. R.,** & Green, R. (2004). Effective and Ineffective Clinical Instructor Techniques. Presented in the Educational Multimedia Showcase at the National Athletic Trainers’ Association 55th Annual Meeting and Clinical Symposia, Baltimore, MD (June 2004).
8. **Castle, R. R.** (2001). Putting The ‘Power In Your Point’: Using Microsoft PowerPoint To Facilitate Clinical and Patient Education. Presented at the Educational Multimedia Showcase, National Athletic Trainers’ Assocation 52nd Annual Meeting and Clinical Symposia, Los Angeles, CA (June 2001).
9. **Castle, R. R.** (2000). Development of Educational Software in Athletic Training. Presented at the National Athletic Trainers’ Association 51st Annual Meeting and Clinical Symposia, Nashville, TN (June, 2000).
10. **Castle, R. R.** (1999). Effective Instructional Design Guidelines for Multimedia Programs. Presented at the National Athletic Trainers’ Association 50th Annual Meeting and Clinical Symposia, Kansas City, MO (June, 1999).
11. **Castle, R. R**. (1999). Developing Software for the Educational Setting. National Athletic Trainers’ Association (NATA) Athletic Training Educator Conference, Dallas, TX (January, 1999).

**REGIONAL**

1. **Castle, R. R.** (2019). Emergency Planning in Athletics: Developing and Implementing A Determined Response for Small- and Large-Scale Critical Incidents with an Athletic Component. Guest Lecturer, University of Florida Athletic Training Program (July 23, 2019).
2. **Castle, R. R.** (2019). Determining Critical Incident Response for Small- and Large-Scale Events with an Athletic Component. Presented at the Boston University Athletic Training Clinical Symposium, Boston, MA (April 14, 2019).
3. **Castle, R. R.** (2019). Professional Responsibility: Duty To Act Within Your Scope of Practice. Presented at the Southeast Athletic Trainers’ Association (SEATA) Student Clinical Symposium, Atlanta, GA (February 8, 2019).
4. **Castle, R. R.** (2018). Management of Exertional Heat Illnesses (EHI). Presented at the Emergency Care in Athletics Course. Baton Rouge, LA (July 7, 2018).
5. **Castle, R. R.** (2018). Professional Responsibility: Duty To Act Within Your Scope of Practice. Presented at the Southeast Athletic Trainers’ Association (SEATA) Student Clinical Symposium, Atlanta, GA (February 2, 2018).
6. **Castle, R. R.** (2017). Large-Scale Event Medical Planning Consideration. Guest Lecturer, University of Florida Athletic Training Program (July 17, 2017).
7. **Castle, R. R.** (2017). Management of Heat Related Illnesses. Presented at the Hattiesburg Clinic Sports Medicine Staff Clinical In-Service Training. Hattiesburg, MS (July 11, 2017).
8. **Castle, R. R.** (2017). Management of Exertional Heat Illnesses (EHI). Presented at the Emergency Preparation for Athletics Course. Baton Rouge, LA (July 8, 2017).
9. **Castle, R. R.** (2017). Management of Exertional Heat Illnesses (EHI). Presented at King’s Daughter Memorial Hospital Sports Medicine Staff Clinical In-Service Training. Brookhaven, MS (June 16, 2017).
10. **Castle, R. R.** (2017). Exertional Heat Illness Management and Cold Water Immersion. Presented at The 7th Annual First Coast Sports Medicine Symposium: Psychological and Emergency Preparations in Athletics. Jacksonville, FL April 22, 2017.
11. **Castle, R. R.** (2017). Laboratory Session: Cold Water Immersion and Rectal Thermometer. Presented at The 7th Annual First Coast Sports Medicine Symposium: Psychological and Emergency Preparations in Athletics. Jacksonville, FL April 22, 2017.
12. **Castle, R. R.** (2017). Preparation for Non-Traditional Events. Presented at The 7th Annual First Coast Sports Medicine Symposium: Psychological and Emergency Preparations in Athletics. Jacksonville, FL April 22, 2017.
13. **Castle, R. R.** (2017). Emergent and Acute Issues in Athletic Training. Presented at The 7th Annual First Coast Sports Medicine Symposium: Psychological and Emergency Preparations in Athletics. Jacksonville, FL April 22, 2017.
14. **Castle, R. R.** (2017). Emergency Management: A Table-Top Discussion. Presented at the Boston University Athletic Training Clinical Symposium, Boston, MA (April 16, 2017).
15. **Castle, R. R.** (2017). Professional Responsibility: Duty To Act Within Your Scope of Practice. Presented at the Southeast Athletic Trainers’ Association (SEATA) Student Clinical Symposium, Atlanta, GA (February 3, 2017).
16. **Castle, R. R.** (2016). Large-Scale Event Medical Planning Consideration. Guest Lecturer, University of Florida Athletic Training Program (July 25, 2016).
17. **Castle, R. R.** (2016). Management of Heat Related Illnesses. Presented at the Hattiesburg Clinic Sports Medicine Staff Clinical In-Service Training. Hattiesburg, MS (July 15, 2016).
18. **Castle, R. R.** (2016). Management of Heat Related Illnesses. Presented at the SWAC Emergency Preparation in Athletics Course. Baton Rouge, LA (July 9, 2016).
19. **Castle, R. R.** (2016). Management of Hyponatremia. Presented at the Mississippi Athletic Trainers’ Association Annual Clinical Symposium. Biloxi, MS (June 7, 2016).
20. **Castle, R. R.** (2016). Prevention and Management of Exercise-Associated Collapse (EAC). Presented at the Louisiana Athletic Trainers’ Association Annual Clinical Symposium. Marksville, LA (June 1, 2016).
21. **Castle, R. R.** (2016). Professional Responsibility: Duty To Act Within Your Scope of Practice. Presented at the Southeast Athletic Trainers’ Association (SEATA) Student Clinical Symposium, Atlanta, GA (February 5, 2016).
22. **Castle, R. R.** (2015). Medical Planning for Marathons. Guest Lecturer, Trinity International University Athletic Training Program (October 9, 2015).
23. **Castle, R. R.** (2015). Professional Responsibility: Duty To Act Within Your Scope of Practice. Presented at the Southeast Athletic Trainers’ Association (SEATA) Student Clinical Symposium, Atlanta, GA (February 6, 2015).
24. **Castle, R. R.** (2015). Tactical to Practical: Tourniquet Utilization in the Management of Mass Hemorrhage Injuries in Athletics. Guest Lecturer, University of Florida Athletic Training Program (July 27, 2015).
25. **Castle, R. R.** (2014). Emergency Medicine: Lessons Learning. Presented at the Boston University Athletic Training Clinical Symposium, Boston, MA (April 20, 2014).
26. **Castle, R. R. & McLane, T** (2014). Advances in Pre-Hospital Trauma Care. Presented at the 29th Annual Southeast Athletic Trainers’ Association (SEATA) Student Clinical Symposium, Atlanta, GA (February 8, 2014).
27. **Castle, R. R.** (2014). Keynote Address: The After Effects of Mass Casualty/Our Role: Reactions, Effects and Learning. Presented at the Tennessee Athletic Trainers’ Assocation Annual Clinical Symposium. Nashville, TN (January 17, 2014).
28. **Castle, R. R.** (2013). The 2013 Boston Marathon: Mass Casualty Incident Lessons for Athletic Trainers. Presented at the Mississippi Athletic Trainers’ Association Annual Clnical Symposium. Biloxi, MS (June 12, 2013).
29. **Castle, R. R.** (2008). Treating Musculoskeletal Dysfunction Through the “Anatomical Trains” Concept and Positional Release Techniques. Presented at the South Carolina Athletic Trainers Association Annual Meeting – DHEC Lecture Series, Columbia, SC (July 10, 2008).
30. **Castle, R. R.** (2008). Positional Release Techniques Laboratory Session. Presented at the South Carolina Athletic Trainers Association Annual Meeting, Columbia, SC (July 10, 2008).
31. **Castle, R. R.** (2008). Hybrid Classroom Instruction (lecture and video lecture) to Enhance Learning Outcomes. Presented at the Southeast Athletic Trainers Association 2nd Biennial Athletic Training Educator Conference. Atlanta, GA (February 8, 2008).
32. **Castle, R. R.** (2008). Justifying Clinical Time: Models for Athletic Training Clinical Facility. Presented as part of Panelist Session at the Southeast Athletic Trainers Association Athletic Training Educator Conference. Atlanta, GA (February 9, 2008).
33. **Castle, R. R.** (2001). Common Diagnostic Procedures Utilized in Sports Medicine. Presented at the Southeastern Athletic Trainers' Association (SEATA) Student Clinical Symposium , Atlanta, GA (February 16, 2001).
34. **Castle, R. R.** (2000). The Healing Process in Rehabilitation. Presented at the Southeast Athletic Trainers’ Association (SEATA) Student Clinical Symposium, Atlanta, GA (February, 2000).
35. **Castle, R. R.** (1999). Tissue Response to Injury. Presented at the Southeast Athletic Trainers’ Association (SEATA) Student Clinical Symposium, Atlanta, GA (February, 1999).
36. **Castle, R. R.** (1995). Evaluation of the Abdomen and Thorax. Presented at the Competencies Workshop of the Southeast Athletic Trainers’ Association (SEATA) Student Clinical Symposium, Atlanta, GA (February, 1995).
37. **Castle, R. R.** (1995). Prevention of Shoulder Problems in the Throwing Athlete. Presented at the Southeast Athletic Trainers’ Association (SEATA) Student Clinical Symposium, Tuscaloosa, AL (February, 1993).

**STATE**

1. **Castle, R. R.** (2019). Emergency Preparedness in Louisiana High School Athletics. Presented at the Collaborative Solutions for Sports Safey in Louisiana High School Athletics. Baton Rouge, LA (June 14, 2019).
2. **Castle, R. R.** (2019). Severe Trauma: Bleeding Control Techniques. Presented in the Mississippi Athletic Trainers’ Association Annual Clinical Symposium, Biloxi, MS (June 5, 2019).
3. **Castle, R. R.** (2019). Roadmap to Lawsuits. Presented in the Mississippi Athletic Trainers’ Association Annual Clinical Symposium, Biloxi, MS (June 4, 2019).
4. **Castle, R. R.** (2018). The Barometer and Future Outlook of the Athletic Training Profession.. Presented at the Louisiana Athletic Trainers’ Association Annual Clinical Symposium. Thibodaux, LA (May 30, 2019).
5. **Castle, R. R.** (2017). Overview of Common Orthopedic Injuries. Presented at the New Orleans Saints High School Athletic Training Student Symposium. New Orleans, LA (March 11, 2017).
6. **Castle, R. R.** (2016). Prevention and Management of Exercise-Associated Collapse (EAC). Presented at the Louisiana Athletic Trainers’ Association Annual Clinical Symposium. Marksville, LA (June 1, 2016).
7. **Castle, R. R.** (2015). Prevention and Management of Hyponatremia. Presented at the Louisiana Athletic Trainers’ Association Annual Clinical Symposium. Lake Charles, LA (June 2, 2015).
8. **Castle, R. R.** (2013). Is Your School Practicing Safe Sports? Presented at the Louisiana Association for Health, Physical Education, Recreation, and Dance (LAHPERD) Annual Meeting. Baton Rouge, LA (November 4, 2013).
9. **Castle, R.R.** (2013).Running Forward Zero to 1300+. Keynote Address at the 2013 Bossier City Chamber of Commerce Patriot Awards. Bossier City, LA (September 11, 2013)
10. **Castle, R. R.** (2013). Got App? Mobile Applications to Improve Clinical and Administrative Productivity. Presented at the Louisiana Athletic Trainers’ Association Annual Clinical Symposium. Gonzales, LA (June 8, 2013).
11. **Castle, R. R.** & Finley, D. (2013). Emergency Healthcare: Skills Update. Presented at the Louisiana Athletic Trainers’ Association Annual Clnical Symposium. Gonzales, LA (June 7, 2013).
12. **Castle, R. R.** (2013). Mass Casualty Incident Lessons From the 2013 Boston Marathon – Finish Line Medical Perspective. Presented at the Louisiana Emergency Response Network (LERN) Region I Hurricane and All Hazards Seminar. New Orleans, LA (May 31, 2013).
13. **Castle, R. R.** (2013). 2013 Boston Marathon Bombings – Finish Line Medical Perspective. Presented in the New Orleans Regional Planning Commission’s Emergency Preparedness Public-Private Partnership (PPP) Meeting. New Orleans, LA (May 17, 2013).
14. **Castle, R. R.** (2012). Un-clog the Lymphatic Drainage System: Re-Thinking Acute and Chronic Inflammation Treatment Strategies. Presented in the Mississippi Athletic Trainers’ Association Annual Clinical Symposium, Biloxi, MS (June 2012).
15. **Castle, R. R.** (2007). Development and Rationale for Hybrid-based Courses in Athletic Training Education Programs. Presented at the Louisiana Athletic Trainers’ Association Annual Meeting and Clinical Symposium, Houma, LA (June 7, 2007).
16. **Castle, R. R.** (2006). Reducing Sports-Related Liability in Secondary School Settings. Presented at the Louisiana High School Athletic Directors Association Annual Meeting, Baton Rouge, LA (January 23, 2006).
17. Harper, R., & **Castle, R. R.** (2005). The Health Care of the Student Athlete In Louisiana: A Statewide Crisis. Presented on behalf of the LATA Secondary School Taskforce to the Louisiana High School Athletic Association Executive Committee, Baton Rouge, LA (January 26, 2005).
18. D’Antoni, L., **Castle, R. R.**, & Fugler, A. (2003). Proposal to Hire NATABOC Certified Athletic Trainers and Risk Management Considerations for Louisiana High School Athletics. Panel Discussion and Presentation at Louisiana High School Athletic Association (LHSAA) Annual Convention, Baton Rouge, LA (January 30, 2003).
19. **Castle, R. R.** (2002). Utilization of Digital Media in the Classroom to Enhance Learning of Athletic Training Clinical Assessment Skills. Presented at the Eighth Annual Technology and All That Jazz Conference, The University of West Florida, Pensacola, FL (February 2002).
20. **Castle, R. R.** (2001). Alternative Equipment for In-Home Training and Conditioning Programs. Presented at the 5th Annual Health Excellence and Fitness Symposium, Naval Air Station Pensacola, Pensacola, FL (November 7, 2001).
21. **Castle, R. R.** (2000). Tissue Response to Injury. Presented at the Louisiana Athletic Trainers’ Association Annual Meeting and Clinical Symposium, Lake Charles, LA (June, 2000).
22. Velasquez, B., & **Castle, R. R**. (1999). Lower Extremity Functional Rehabilitation. Presented at the Mississippi Alliance for Health, Physical Education, Recreation, & Dance (MAHPHERD) Annual Symposium, Biloxi, MS (December, 1999).
23. **Castle, R. R.** (1998). Improving Athletic Healthcare Through Computer Applications. Presented at the Louisiana Athletic Trainers’ Association Annual Meeting and Clinical Symposium, Alexandria, LA (June, 1998).
24. **Castle, R. R.** (1998). Computer Applications for Student Athletic Training Education. Presented at the Student Athletic Trainer Section of the Louisiana Athletic Trainers’ Association Annual Meeting and Clinical Symposium, Alexandria, LA (June, 1998).
25. **Castle, R. R.** (1996). Sports Medicine and the Internet. Presented at the Louisiana Sports Medicine Society’s Team Concept Conference, Baton Rouge, LA (July, 1996).
26. **Castle, R. R.** (1992). Techniques to Improve Your High School’s Medical Services. Presented at the Mississippi High School Coaches’ Clinic, Gulfport, MS (January, 1992).

**LOCAL / CAMPUS**

1. Castle RR (2017). 10 Things to Know about FDA Clinical Trials: A Principal Investigator's Perspective. Presented at the CHSE Undergraduate Distinguished Scholars Seminar. (September 29, 2017).
2. **Castle, R.R.** (2017).Exertional Heat Illnesses (EHI) Management. Exxon-Mobil Baton Rouge Refinery. Supervisor/Manager In-Service Training. Baton Rouge, LA (May 23, 2017).
3. **Castle, R.R.,** Harrell, B., & Shaw, V. (2014). Preventing & Treating Endurance Injuries – Open Roundtable Forum. The Speaker Series at The Louisiana Marathon Expo. Baton Rouge, LA (January 18, 2014).
4. **Castle, R. R.** (2011). Moodle Technology Support Resources for Faculty. Presentation for LSU’s MDAC Faculty Voices Podcast Series (Accessed at: http://itsweb.lsu.edu/MDAC/FacultyVoices/item36020.html), Baton Rouge, LA (October 14, 2011).
5. **Castle, R. R.** (2011). Utilizing Adobe Connect to Improve Classroom Communication. Presented at the LSU Information Technology Services “Coffee Talk” Lecture Series, Baton Rouge, LA (September 28, 2011).
6. **Castle, R. R.**, & Nicolle, P. (2010). Meeting Course Objectives with Effective [Technological](http://cxcsi.pbworks.com/Technological+C-I+Resources) Assignments & Assessments. Presented at the LSU Communication Across the Curriculum (CxC) Summer Institute, Baton Rouge, LA (May 2010).
7. **Castle, R. R.** (2009). Utilizing Digital Forums For Improved Couse Management and Student Interaction In A Medical Terminology Course. Presented at the LSU Information Technology Services “MOODLE-Share” Workshop, Baton Rouge, LA (July 22, 2009).
8. **Castle, R. R.** (2009). Collaboration 2.0: Utilizing WIKIs for group collaboration writing project. Presented at the LSU Communication Across the Curriculum (CxC) Summer Institute, Baton Rouge, LA (May 2009).
9. **Castle, R. R.** (2006). Management and Treatment of Acute Sports Injuries. Emergency Room Nursing Staff In-Service: Baton Rouge General Hospital, Baton Rouge, LA (July 18, 2006).
10. **Castle, R. R.** (2006). From Chalkboard To Blackboard: Targeting All Learning Styles And Senses To Get Connected To Students. Southeastern Louisiana University School of Nursing “Healthcare Education Workshop”, Livingston, LA (March 28, 2006).
11. **Castle, R. R.** (1995). Recognition and Evaluation of Injuries of the Shoulder. Lake Charles Memorial Hospital Sports Medicine Department Inservice, Lake Charles, LA (May, 1995).
12. **Castle, R. R.** (1995). Concussions in Athletics. Presented at the Lake Charles Memorial Hospital Sports Medicine Department “High School Student Athletic Trainer Workshop”, Lake Charles, LA (March, 1995).
13. **Castle, R. R.** (1994). Minor Head Injuries in Sports. Lake Charles Memorial Hospital Sports Medicine Department Inservice, Lake Charles, LA (November, 1994).

**ABSTRACTS SUBMITTED FOR PRESENTATIONS:**

1. Owens, ME, Wang, H, Lemoine Jr., NP, Marucci, J, Mullenix S, Nelson AG, **Castle RR**, Irving BA, Spielmann G, Rood J, Church TS, Harrell B, & Johannsen NM. Effect Of Training Camp On Hematological Variables In Athletes With Sickle Cell Trait**.** Abstract submitted for presentation at the 2018 ACSM Annual Symposium. [PENDING]
2. **Castle RR**, Johannsen NM, & Irving BA. *Emerging Biosensor Technology To Improve Wellness, Performance, and Patient Care.* Abstract submitted for oral feature presentation at the 2018 NATA Clinical Symposia & Expo. [REJECTED]

**SPECIALIZED (PEER REVIEWED) COURSE PRESENTATIONS:**

**Board of Certification (BOC) Approved Evidence-Based Practice (EBP) Courses:**

**Castle, R. R. (2015)**. Tactical to Practical Pre-hospital Care: Management of Mass Hemorrhage Injuries. To be presented at the “Athletic Training: Tackling the Preseason” Conference. Baton Rouge, LA (July 9, 2015). BOC-EBP P3224-003.

**MODERATOR OF PRESENTATIONS**

1. **Castle, R.R.** (2013). Moderator of Specialty Topic ST29: “Legal and Fair Market Value Implications for Developing Sports Medicine Outreach Programs”, presentation by Aaron Hajart MS, ATC. National Athletic Trainers’ Association Annual Clinical Symposia, Las Vegas, NV (June 27, 2013).
2. **Castle, R.R.** (2009). Moderator of the Clinical Session: “*Medical Concerns in the High School Athlete*”, presentations by Steven Gremillion, MD, FACC; Vincent Shaw, MD; & Brian Leffler, MD. 1st Annual Louisiana Secondary School Athletic Healthcare Summit (June 24, 2009).
3. **Castle, R.R.** (2009). Moderator of the Clinical Workshop: “*Re-thinking the Common Ankle Sprain*”, presentation by Eric Nussbaum, MEd, ATC, LAT. National Athletic Trainers’ Association 59th Annual Clinical Symposia (June 2009).
4. **Castle, R.R.** (2009). Moderator of the Clinical Workshop: “*Treatment Strategies for Common Injuries to the Wrist and Hand*”, presentation by Mary L. Mundrane-Zweiacher, ATC, PT, CHT. National Athletic Trainers’ Association 59th Annual Clinical Symposia (June 2009).
5. **Castle, R.R.** (2007). Moderator of the Pre-Conference Workshop, “*Technology Solutions for the Athletic Training Educator*”, of the 2007 NATA Athletic Training Educators’ Conference, Dallas, TX (January, 2007).

**RESEARCH PROJECTS**

1. Owens, M. E., Wang, H., Lemoine, N. P., Marucci, J., Mullenix, R., **Castle, R. R.,** Nelson, A. G., Irving, B. A., Spielmann, G., Rood, J., Church, T. S., Harrell, B. B., & Johannsen, N. M. (2017-2018). Effect Of Training Camp On Hematological Variables IN Athletes With Sickle Cell Trait., LSU IRB #3900.
2. **Castle, R.R.**, Marucci, J., & Pratt, J (2016 – present). A Study to Assess the Effectiveness of the Nautilus BrainPulse as an Aid in the Diagnosis of Concussion. LSU IRB #3742.

ClnicalTrials.gov Identifier: NCT02660164

*ROLE: Principal Investigator*

Funded: $49,128.00

1. Johannsen, N., Marucci, J., Mullenix, S., Harrell, B., Callerame, K.J., MacLellan, M., Spielmann G., Irving, B., Winges, S., **Castle, R.R.,** Cherry, K., & Calamia, M. (2016). Effects of Repeated Impact on Markers of Sports-Related Brain Injury in Inside Linemen. LSU IRB #3738.
2. Johannsen, N., Church, T.S., **Castle, R.R.,** Early, K, Simoneaux, A., Lemoine, N., & Scott, M. (2015). Assessing hydration status and heat-related illness predictors. LSU IRB #3627.
3. VanLunen, B.L., Cavallario, J.M., Hoch, J.M., & **Castle, R.R.** (2014). Tracking and implementation of professional competencies during patient contacts for athletic training students: a feasibility study. Research project originated from Old Dominion University; ODU IRB approval #201403008 and included as an addendum (modified) project for LSU IRB #E8858.

*ROLE: Project Site Coordinator*

1. **Castle, R.R.**, & Reid, M. (2014). Athletic training student academic and clinical indications of performance on the BOC Certification Examination (PHASE 1 - Graduated Student Data 2004-2014). LSU IRB #E8852.
2. **Castle, R.R.**, & Reid, M. (2014). Athletic training student academic and clinical indicators of performance on the BOC Certification Examination and professional practice (PHASE 2 - Current Student Data 2014-2016) LSU IRB #E8858.
3. **Castle, R.R**., & Lowery, B. (2010). Effect of Deep Oscillation Therapy (HIVAMAT) on Patient's

Perception of Relaxation and Circulation. (LSU IRB #3092).

# GRANTS

**NATIONAL**

**Castle, R.R**., & Johnson, L. (2009). GeauxHeart Baton Rouge – Educational Enhancement Program for Future Healthcare Providers.

* This project is a continuation of GeauxHeart Baton Rouge (GHBR), and is aimed at providing essential knowledge and skills to undergraduate students and general population related to cardiovascular health and patient education.
* Grant ($24,419.20) submitted in July 2009 to the Edwards Lifesciences Fund – Strategic Grant for Healthcare Disparities.
* Status: Rejected

Johnson, L, **Castle, R,** Solmon, M., & Stone, D. (2008 - 2009). GeauxHeart Baton Rouge.

* Education and clinical identification of cardiovascular disease in minority populations of faith-based centers in Baton Rouge area.
* Grant ($99,902) submitted in July 2008 to the Edwards Lifesciences Fund – Strategic Grant for Healthcare Disparities; total grant with In-Kind ($143,066). Awarded $50,000 through Edwards Lifesciences Fund with total grant + in-kind = $99,902.

**Castle, R. R.** (August 2001). NATA Education Council Program Planning Grant for the Sports Medicine/Athletic Training Specialization Program at The University of West Florida.

Grant ($1684.00) proposal (rejected) submitted to fund a consultant visit to prepare for CAAHEP accreditation.

**Castle, R. R.** (1999). The Effect of Three Experimental Instructional Protocols on the Predictive Success on the Written Simulation Section of the NATABOC, Inc. Certification Examination. Hattiesburg, MS: The University of Southern Mississippi.

Grant ($38,703.00) proposal (rejected) submitted to the NATA Research and Education Foundation.

**UNIVERSITY**

**Castle, R. R.** (2012). Campus Federal Credit Union Teaching Enhancement Grant/Fund. Awarded $500 to attend the NATA Clinical Symposium (June 2012).

**Castle, R. R.** (2005). Campus Federal Credit Union Teaching Enhancement Grant/Fund. Awarded $350 to present at the 4th Annual Hawaii International Conference on Education, Honolulu, HI (January 5-9, 2006).

**Castle, R. R.** (Spring 2001). Enhancing Teaching and Learning with Technology: 2000-2001 Faculty Summer Program Proposal. The University of West Florida. Development and implementation of an “Evaluation of Athletic Injuries I” course as a mixed-mode delivery (part web-based/part classroom).

Funded grant ($2,500) plus new 14” laptop computer awarded to faculty member (approximate $4,500 value).

**Castle, R. R.** (2001). Students’ Attitudes and Scores Toward Two Versions (Paper and Computer) of a Simulation Instrument Designed to Mimic the Written Simulation Section of the NATABOC Certification Examination. Pensacola, FL: The University of West Florida.

Funded research grant ($1,918.00) submitted to the UWF Scholarly and Creative Activity Committee (SCAC) for the 2000/2001 Faculty Small Grants Award.

**STATE**

Liggett, S., Cassidy, J., **Castle, R**., & Nunn, J. (2009). Enhancing Students’ Communication Skills Through Advanced Multimodal Projects and Improved Studio Support.

* This proposal focuses on supporting faculty and students primarily from three disciplines—the Arts (Music and Theatre); Earth and Environmental Sciences (Geology, Geography, and Landscape Architecture); and Heath Sciences (Sports Medicine)—with the goal of further enhancing students’ communication skills through advanced instruction, multimodal assignments, and improved studio support.
* Grant ($318,896) submitted in Fall 2009 to the Louisiana Board of Regents Support Fund (Traditional Enhancement Program)
* Status: Rejected

Landin, D, **Castle, R**, & Thompson, M (2006). Enhancing Instruction in Musculoskeletal Mechanics and Rehabilitation.

* Grant ($89,250.00) submitted in October 2006 to the Louisiana Board of Regents – Traditional and Undergraduate Enhancement Program.
* Approved Spring 2007.

Development of a Sports Medicine Curriculum for Louisiana Secondary Schools. (2006).

* Contributing Consultant.
* Funded ($32,100.00) by the Louisiana Department of Education.
* Completed.

**Castle, R. R.**, & Thompson, M.H. (2004). Delivery of Streaming Video to Athletic Training Students and Certified Athletic Trainers.

* Funded grant ($28,402.00) by the Louisiana State Board of Regents – Supporting Electronic Learning and Essential Campus Transitions (SELECT) Grants Program.
* Completed

**STUDENT-CENTERED RESEARCH PROJECTS**

Green, D, & **Castle, RR** (2006 – 2007). An Investigation to Identify a Change and Trend in Intrinsic and/or Extrinsic Motivation in Collegiate Athletes.

Supervising the following research projects (under LSU IRB approval) for undergraduate students enrolled in KIN 4605 (Spring 2006):

* *Alcohol: College Students’ Perceptions Of Use And Abuse Among Peers*
* *Marijuana: College Students’ Perceptions Of Use And Abuse Among Adolescents*
* *Cocaine: College Students’ Perceptions Of Use And Abuse*
* *College Students’ Knowledge Of The Physiological Effects Of Selected Performance Enhancing Agents*
* *College Students’ Knowledge Of The Effects Of Selected Herbal Drugs*
* *Usage Patterns Of Smoke And Smokeless Tobacco Among College Students*
* *College Students’ Perceptions Of Selected Stimulant Agents To Improve Study And Memory*
* *College Students’ Perceptions Of Use And Abuse Of Agents To Facilitate Weight Loss*

**THESES, GRADUATE PROJECTS, DISSERTATIONS**

**THESIS COMMITTEES**

Andrew Schwehm (2011). Should I Stay or Should I Go? A Mixed-Method Study of the Mentoring Relationships that Guide Student-Athletes toward Career Decisions. Louisiana State University, Honors Thesis (Dr. Tracey Rizzuto, Committee Chair – Department of Psychology).

**Graduate Capstone Writing Projects**

**California University of Pennsylvania – California, PA**

**Master of Science: The Exercise Science and Health Promotion Curriculum**

* Anderson III, RB (2006). The Effects of Complex-combination Training with Olympic and Plyometric Exercises on Lower Body Production.
* Brown, GA (2006). The Effect of Recombinant Human Growth Hormone on Human Performance and Body Composition, Various Age Groups.
* Carl, CC (2006). The Effect of Core Training on Golfer’s Performance and Injury Prevention.
* Carroll, JL (2006). The Effect Hydration has on Core Temperature vs. Skin Temperature.
* Davis, LM (2006). Climate and Effects of Athletic Performance.
* Delio, EM (2006). Decreased Flexibility as a Risk Factor for Performance and Musculotendinous Injury: Incorporating Stretching.
* Ellefson, SM (2006). Meniscal Repairs and Their Outcomes: A Review of Techniques.
* Fishell Jr., RA (2006). The Effects of Weak Hip Musculature on Anterior Knee Pain.
* Foy, AAR (2006). A Literature Review to Assess Whether Scientific Evidence Supports the Efficacy of Massage Therapy, and if so, Have Researchers Identified the Mechanism of the Efficacy?
* Frens, MA (2006). Single Leg and Contra-lateral Training: Brain Activation of Muscle Mass in a Specific Manner in Direct Proportion to the Training Stimulus.
* Glielmi, RJ (2006). Ergogenic Supplement Use in Adolescents.
* Grant, JM (2006). Does Long-Term Ankle Bracing or Taping Effect Foot and Ankle Force Production in the Collegiate Basketball Player?
* Grillo, JS (2006). Creatine, Not Just Another Gimmick.
* Gruezo, ABG (2006). The Use of Olympic Lifting vs. Plyometrics for Power Development.
* Gullo, MR (2006). The Effects of Relative Humidity and Dew Point Temperature on Training Environments and the Processes at Which the Body Loses Heat.
* Guthrie, TL (2006). The Impact of Exercise on the Aging Process.
* Helland, RA (2006). Long-Term Muscular Effects of Ankle Taping and Bracing.
* Keuter, GA (2006). The Efficacy of Trandermal Medications in Treating Pain and Inflammation.
* Kopp, BJ (2006). Lower Back Pain in the Office.
* Kreil, JE (2006). Exercise Intervention for Fall Prevention.
* Levanway, E (2006). Chronic Ankle Instability as it Relates to Postural Abnormalities.
* Levanway, WM (2006). Eating Disorders and Dancers.
* Mahadeen, GS (2006). Is Resistance Training Exercise Safe and Effective for the Prepubescent and Adolescent?
* McCloskey, BM (2006). Proprioceptive Control Variances Between Dominant and Non-dominant Lower Extremities in High School Soccer Athletes.
* McKenzie, KE (2006). Effectiveness of Weight Belt Use.
* McMinn, AL (2006). The Relationship Between Upper Cross Syndrome and Anterior Shoulder Impingement in Female Swimmers.
* Metz, JW (2006). Hyothyroidism Affecting Athletic Performance.
* Moore, BJ (2006). How Has the Increase of Sedentary Lifestyles Affected the Obesity of Adults and Children?
* Mortensen, SA (2006). A Comparative Analysis for the Efficacy of Pre/Post Performance Static, Dynamic, and Non-Stretching Techniques.
* Owens, SE (2006). The Effectiveness of Proprioceptive Neuromuscular Facilitation Flexibility.
* Peters, Y (2006). Muscle Dysfunctions That Lead to Shoulder Problems in Throwing Athletes.
* Prouse, DM (2006). A Retrospective Literature Review Examining Various Nonoperative Options for the Treatment of Achilles, Patella, and Wrist Extensor Tendinopathy.
* Ricketts, KE (2006). Vegetarianism and the Endurance Athlete.
* Sciacca, RJ (2006). The Relationship of Core Stability and Power Training in Collegiate Swimmers.
* Taylor, AJ (2006). The Effects of High-Intensity versus Low-Intensity Aerobic Exercise on Changes in Body Composition.
* Thomsen, BR (2006). Effectiveness of Resistance Training on Chronic Low Back Pain.
* Wood, GW (2006). The Positive Effects of Exercise on the Pregnant Mother and Fetus.
* Yoder, DK (2006). Physiological Adaptations of Altitude Exposure and Altitude Training Methods for Improved Running Performance.

**EXTERNAL FACULTY EVALUATIONS**

From 2005 - 2019, I have been asked to perform evaluations of faculty promotion materials for faculty at Indiana University; Baylor University; University of Louisiana – Lafayette; University of Cincinnati; University of Miami; Bowling Green State University; and University of Georgia. These evaluations were for both promotion and tenure & promotion for clinical track and tenure track faculty.

**WORKSHOPS/SEMINARS**

1991 - 2005 University of Southern Mississippi Student Athletic Trainer Workshop

*Instructor*

**PROFESSIONAL EDITORIAL**

EXPERIENCES

2016 Athletic Training & Sports Healthcare Journal

* Guest Editor
* Special Edition on “Emergency Medicine in Athletics” to be pulished in October 2016

2006 – 2009 Journal of Athletic Training Education ([www.nataej.org](http://www.nataej.org))

* Journal Manuscript Reviewer

2001 – 2007 Board of Certification (BOC, Inc.)

* Homestudy Continuing Education Course Reviewer

2001 – 2006 Southeastern Athletic Trainers’ Association Annual Meeting - Research and Education Presentations

* Abstract Reviewer for research presentations (oral and poster)

2001 – 2004 Athletic Therapy Today (Human Kinetics, Inc – publisher)

* Manuscript Reviewer

1999 National Athletic Trainers' Association Research and Education Foundation

* Abstract Reviewer for Free Communications Research Poster Presentations at 1999 NATA National Meeting and Clinical Symposia

# PUBLICATIONS, REPORTS, & SOFTWARE DEVELOPMENT

**Peer-Reviewed Publications**

1. **Castle R**, Geisler P. Emergent and Acute Issues in Athletic Training. **Athletic Training and Sports Health Care***.* 2016; 8: 238-239. doi: 10.3928/19425864-20160907-02
2. **Castle R,** Sedory E. Tourniquets and Hemostatic Agents to Manage Mass Hemorrhage. **Athletic Training and Sports Health Care.** 2016; 8: 245-255. doi: 10.3928/19425864-20160831-02.
3. Landin D, Myers J, Thompson M, **Castle R**, & Porter J (2008). The role of the biceps brachii in shoulder elevation. **Journal of Electromyography and Kinesiology**, Volume 18, Issue 2, Pages 270-275.
4. Landin, D., Thompson, M. H., **Castle, R.R.,** Nicola, M., Marucci, J., Nicola, M., & Bankston, B. (2008). Lisfranc Fracture-Dislocation in a Collegiate Football Player: A Case Report. ***NATA News: from the*** ***Journal of Athletic Training***. (October, 2008).
5. Swann, E., & Castle, R. R. (September 2001). Emergency Management of Allergic Reactions. Athletic Therapy Today, 6(5), pp. 11-15.

**Published Abstracts**

1. Early KS, Lemoine NP, Simoneaux AB, Scott MC, Mullenix S, Marucci J, Barker A, MacLellan M, **Castle RR**, Church TS, Earnest CP, Johannsen NM. Heart Rate Response and Activity Level in Division I Football Players during Pre-Season Scrimmage Play. *Med Sci Sports Exerc; May 2016*.
2. Lemoine NP, Simoneaux AB, Scott MC, Early KS, Mullenix S, Marucci J, Barker A, Church TS, **Castle RR**, Johannsen NM. Electrolyte Losses in Urine and Sweat in Collegiate Football Players during Pre-Season Training Camp. *Med Sci Sports Exerc; May 2016*
3. **Castle, R.**, Gallaspy, J., Ganstead, S., Knight, C., & Thompson, W. (1998). Development and Validation of a Computer-Assisted Learning Program Designed to Enhance Professional Preparation in Athletic Training. Journal of Athletic Training, Vol 33(2) Supplement.

**Chapters in Textbooks**

1. Miller, M. & Berry, D. (2015).Contributor to section on Critical Incident Stress Management in the chapter “Well-being of the Athletic Trainer”, for Emergency Response Management for Athletic Trainers, 2nd ed. (publication in progress). Lippincott, Williams & Wilkins.
2. **Castle, R. R.**. (2009). The Athletic Training Profession, for “Introduction to Exercise Science”, Gregory Wilson, P.E.D., Editor. McGraw-Hill Publishing.

**Other Publications**

Castle, R. R. (Project Manager) (2001). Manual of Athletic Training Clinical Skills. Collaborative project to produce subset skill analysis of approximately 700 athletic training clinical skills to be utilized by undergraduate athletic training education programs.

* Castle, R. R., & Harper, R. (editors)
* Contributing authors (in alphabetical order):
  + Baumgarten L., Bobo L., Castle, R.R., Dore’ T., Gazaway R., Goodwin B., Harper R., Lew K., Mcgaha L., Passman J., Swann E., Velasquez B., & Wade L.

Castle, R. R., Henderson, K., & Nguyen, T. (2001). The University of West Florida Athletic Training Student Handbook. Pensacola, FL: The University of West Florida.

Gallaspy, J. B., Velasquez, B. J., Smith, M., & **Castle, R. R.** (revised 2000). The University of Southern

Mississippi Athletic Training Program Policies and Procedures Manual. Hattiesburg, MS: The University of Southern Mississippi.

**Castle, R.** (Fall 1998). Unlucky Breaks: How To Handle Fractures and Dislocations. The First Aider, Cramer Products, Inc. Gardner, KS. Vol 69 (1).

**Castle, R.** **R.** (1997). Useful Guides to the Information Superhighway, in *Langiappe* (newsletter of the Louisiana Athletic Trainers’ Association).

**Castle, R. R.** (June 1997). From Interns to Students. Training and Conditioning Magazine, 23-28.

1. article covered areas that should be addressed when internship-based athletic training programs make the move toward CAAHEP-accredited athletic training education programs

**Accreditation Reports**

1. **Castle, R.R.,** Benson, A.A., Solmon, M. (2019). Substantive Change in Degre Self-Study Report for the Master of Science in Athletic Training. Submitted to the Commission on Accreditation of Athletic Training Education (CAATE). Baton Rouge, LA: Louisiana State University, School of Kinesiology.
2. **Castle, R.R.,** Benson, A.A., Solmon, M. (2018). Self-Study Report for Re-Affirmation of Accreditation for the Bachelor of Science in Athletic Training. Submitted to the Commission on Accreditation of Athletic Training Education (CAATE). Baton Rouge, LA: Louisiana State University, School of Kinesiology.
3. **Castle, R.R.,** Thompson, M.H., Mullenix, R., Lee, A., Hill, K.F., & Reeve, T.G. (2008). Self-Study Report for Re-Affirmation of Accreditation for the Concentration in Athletic Training. Submitted to the Commission on Accreditation of Athletic Training Education (CAATE). Baton Rouge, LA: Louisiana State University, Department of Kinesiology, Concentration in Athletic Training.
4. Castle, R. R. (August 2001). CAAHEP Accrediation Candidacy Application for the Sports Medicine/Athletic Training Specialization Program at The University of West Florida. Submitted to the Joint Review Committee on Educational Programs in Athletic Training (JRC-AT).
5. Gallaspy, J. B., Velasquez, B. J., **Castle, R. R.**, Dore’, T., Swann, E., & Walker, S. (2000). AMA/CAAHEP Self-Study Report for Undergraduate Athletic Training Accreditation. Hattiesburg, MS: The University of Southern Mississippi Athletic Training Education Program.

**Software Development**

1. Castle, R.R., & Lowery, B. (2008). Testbank for Therapeuic Modalites, 6e (Bill Prentice – author). McGraw-Hill Publishing.
2. Castle, R., Dore’, T., & Swann, E. (2001). Exam-Master: Athletic Training Curriculum Review (version 3.0) [computer program]. Gardner, KS: Cramer Products, Inc..
3. computer-assisted instructional tool designed to aid student athletic trainers in preparing for the NATABOC Certification Examination; contains 1100 questions
4. **Castle, R.**, Gardner, G., & Ploeger, R. (1999). Athletic Training: Concepts and Skills (version 1.0)

[computer program] (for Windows 95). Gardner, KS: Cramer Products, Inc..

* Programmer and Co-Author
* CD-ROM interactive multimedia program
* Program addresses Injury Splinting Techniques; Injury Evaluation Process; Rehabilitation; and Therapeutic Pharmacology

1. **Castle, R. R.** (1996). Exam-Master: Athletic Training Curriculum Review (version 2.0) [computer program]. Gardner, KS: Cramer Products, Inc..
2. computer-assisted instructional tool designed to aid student athletic trainers in preparing for the NATABOC Certification Examination; contains over 800 questions
3. **Castle, R. R.** (1993). Exam-Master: Athletic Training Curriculum Review (version 1.0) [computer program]. Gardner, KS: Cramer Products, Inc..
4. computer-assisted instructional tool designed to aid student athletic trainers in preparing for the NATABOC Certification Examination; contains over 500 questions

MANUSCRIPT REVIEWER

2010 Holcomb Hathaway Publishers (textbook review for “Athletic & Orthopedic Injury Assessment: A Case Study Approach”)

2009 Pearson Publishing (textbook review for “Orthopedic Physical Exam Tests”, 1st ed.)

2007 Lippincott, Williams & Wilkins Publishing (chapter reviewer for “Foundations of Athletic Training”)

2007 McGraw-Hill Publishing (reviewed multimedia project for “Principles of Athletic Training”)

2006 Elsiever Publishing (textbook reviewer for “Professional Ethics in Athletic Training”)

2003 F.A. Davis Company (reviewed to manuscript proposals for an “Acute Care for Athletic

Trainers” textbook)

CURRICULUM CONSULTATION

06/2018 – present Athletic Training Residency Program - Bone & Joint Clinic of Baton Rouge. Program Consultant in the development and implementation of the residency program (Clinical Focus – Orthopaedics) towards achieving CAATE accreditation status.

07/2007 – 11/2007 Texas A & M at Corpus Christi (Corpus Christi, TX). Accreditation Consultant for the undergraduate entry-level athletic training education program; provided analysis, review, and recommendations for program improvement prior to program’s CAATE re-accreditation site visit in Fall 2007.

07/2006 – 11/2006 University of Central Florida (Orlando, FL). Accreditation Consultant for the undergraduate entry-level athletic training education program; provided analysis, review, and recommendations for program improvement prior to program’s CAATE re-accreditation site visit in Spring 2007.

07/2005 – 10/2005 Stephen F. Austin State University (Nacogdoches, TX). Accreditation Consultant for the graduate entry-level athletic training education program; provided analysis, review, and recommendations for program improvement prior to program’s initial CAAHEP accreditation site visit in October 2005. (July 2005 – October 2005).

04/2005 McNeese State University (Lake Charles, LA). Consultant Visit for potential to initiate an undergraduate or graduate athletic training education program.

11/2001 The University of North Texas (Denton, TX). Consultant Visit for potential to initiate an undergraduate athletic training education program within the Department of Kinesiology, Health Promotion, & Recreation.

PROFESSIONAL ADVISORY APPOINTMENTS

June 2019 – present Ascension Parish School Board (Donaldsonville, LA)

*Emergency Action Plan (EAP) For Athletics*

*Athletic Health Care Team (AHCT) Review Sub-Committee Member*

Aug 2015 – Nov 2015 Louisiana State Legislature

Study Resolution Committee

SCR 19 – Louisiana Physical Therapy Patient Direct Access Review Committee

*Representative for the Louisiana Athletic Trainers’ Association*

Aug 2012 – Dec 2012 Louisiana State Legislature

Study Resolution Committee

HCR 78 – Sudden Cardiac Death in Athletics

*Representative for the Louisiana Athletic Trainers’ Association*

2012 – present American Heart Association

Louisiana Advocacy Board member

HONORS/AWARDS

2019 Louisiana Athletic Trainers’ Association (LATA)

* Hall of Fame inductee

2018 Commission on Accreditation of Athletic Trainin Education (CAATE)

* The Bob and Lynn Caruthers Service Award

2018 LSU College of Human Sciences and Education

* Outstanding Faculty Service Award

2017 National Athletic Trainers’ Association (NATA)

* Most Distinguished Athletic Trainer (MDAT) Award

2016 Louisiana Athletic Trainers’ Association (LATA)

* President’s Award (for leadership in legislative efforts in promoting the profession)

2014 Southeast Athletic Trainers’ Association (SEATA)

* Hall of Fame inductee

2013 Louisiana Athletic Trainers’ Association (LATA)

* Charlie Martin 20-Year Service Award

2013 Louisiana State Legislature

LA SCR 62 – Recognition for medical coverage at 2013 Boston Marathon

2011 Southeast Athletic Trainers’ Association (SEATA)

* Chuck Kimmel Award of Merit

2009 Southeast Athletic Trainers’ Association (SEATA)

* Education/Administration Award

2007 National Athletic Trainers’ Association (NATA)

* Athletic Trainer Service Award

2005 Southeast Athletic Trainers’ Association (SEATA)

* District Award (for service to athletic training profession on district and national level)

2003 Louisiana Athletic Trainers’ Association (LATA)

* Charlie Martin Ten-Year Service Award

2002 Athletic Trainers’ Association of Florida (ATAF)

* College/University Athletic Trainer of the Year Award for 2001

1. Athletic Trainers’ Association of Florida (ATAF)

* Service Award Recognition for Chair of College/University Athletic Training Student Committee

1. National Athletic Trainers’ Association Educational Multimedia Committee

Annual Educational Multimedia Contest

* Winner, ATC Non-Commercial Educational Software division for development of “Computerized Traditional Athletic Training Simulation Instrument”

1. The University of Southern Mississippi, Hattiesburg, MS

School of Human Performance and Recreation

### Outstanding Doctoral Student Award

1998 – 2000 The University of Southern Mississippi, Hattiesburg, MS

1. Doctoral Graduate Assistantship Scholarship
2. Hughston Sports Medicine Foundation Graduate Athletic Training Scholarship

* Awarded through Southeast Athletic Trainers’ Association (SEATA)

1991 - 1993 The University of Southern Mississippi, Hattiesburg, MS

1. Graduate Assistantship Scholarship

1998 - 1990 Louisiana State University, Baton Rouge, LA

1. Awarded Athletic Training Student Scholarship
2. Partial Scholarship - Tuition/Books (Spring 1988)
3. Full Athletic Trainer Scholarship (Fall 1998 – Summer 1990)