

CURRICULUM VITAE

Nicole J. Chimera, PhD, ATC, CSCS

ACADEMIC PREPARATION:

- 2005 – 2009 University of Delaware
Newark, Delaware
Doctor of Philosophy, Biomechanics and Movement Science
Dissertation: *Gastrocnemius Recession: A Treatment For Foot Pathology Associated With Isolated Contracture*
- 1999 – 2001 Temple University
Philadelphia, Pennsylvania
Masters of Education, Kinesiology
Concentration: Sports Medicine/Athletic Training
CAAHEP Accredited Program
Thesis: *Effects Of Plyometric Training On Muscle Activation Strategies And Performance In Female Athletes*
- 1995 – 1999 West Chester University
West Chester, Pennsylvania
Bachelor of Science, Athletic Training
CAAHEP Accredited Program

PROFESSIONAL EXPERIENCE:

- 2014 – present **Athletic Training Program Director & Department Chair,
Daemen College**
Amherst, NY 14226
Oversee all aspects of CAATE accredited Entry Level Masters
Athletic Training Program
Ensure ongoing CAATE Standards compliance
Maintain department budget
Manage department faculty
Oversee Clinical Education Coordinator
- 2011 – present **Assistant Professor,
Daemen College**
Amherst, NY 14226
CAATE accredited Entry Level Masters Athletic Training
Program
Classes taught: Research Methods, Research Seminar I, Research

Seminar II, Therapeutic Agents, Therapeutic Exercise, Sport Nutrition, Organization and Administration in Athletic Training, Pharmacology in Sports Medicine, Neuroscience, Current Concepts in Musculoskeletal Fitness Assessment and Training

Faculty Advisor for graduate student thesis projects

Advise undergraduate & graduate athletic training students

Human Subjects Research Review Committee Member (2012 – Current)

Educational Policy Committee Member (2013 – 2015)

5 Year Program Review Subcommittee (2013-2015)

Faculty Development Committee Member (2013-2014)

Developed summer Athletic Training Camp for high school students

Developed summer course for direct entry Masters in Athletic Training students; “Current Concepts in Musculoskeletal Fitness Assessment and Training”

Member of Institutional Readiness Self Study Workgroup for New Degree Level Offering – Co-Chair Faculty Focus Area (2013-2014)

Nursing Department Faculty Search Committee Member (2014)

Developed syllabus for “Statistical Methods” course for proposed Ed D in Health Professions Education at Daemen College

Assist with Assessment of Undergraduate Core Curriculum

2011 - present

**Per Diem Athletic Trainer, AthletiCare,
Mercy Hospital of Buffalo**

Buffalo, NY

Provide athletic training coverage to local high school and university sports

2009 – 2011

**Assistant Clinical Professor,
Northern Arizona University**

Flagstaff, AZ 86011-5094

CAATE accredited undergraduate Athletic Training Education Program

Classes taught: Prevention of Athletic Injuries, Physical Assessment of the Injured Athlete I; Therapeutic Exercise of Athletic Injuries; Therapeutic Modalities in Athletic Training, Administration in Athletic Training, Psychology of Injury in Sport, Clinical Education I, II, IV, VI; Senior Capstone Project – Implement curriculum, instruction, and evaluation

Implement and oversee athletic training Peer Mentoring Groups

Advise undergraduate athletic training students

Weekly local clinical site visits

Member of College of Health and Human Services Honors &
Scholarship Committee (2010-2011)
Gait laboratory set up and implementation of research projects

2005 – 2009

**Laboratory Research Graduate Assistant,
University of Delaware**

Newark, DE 19716

Posture and Movement Biomechanics Research Laboratory
Research projects as designated by advisor

2004 – 2005

**Instructor, West Chester University
Department of Sports Medicine**

West Chester, PA 19383

CAAHEP accredited undergraduate Athletic Training Education
Program

Classes taught: Athletic Training Techniques, First Aid/Athletic
Training - Implement curriculum, instruction, and
evaluation; Certify students in CPR and First Aid

2004 - 2005

Assistant Athletic Trainer, West Chester University

West Chester, PA 19383

Approved Clinical Instructor for Athletic Training students
Medical and Rehabilitative needs for: women's rugby, women's
gymnastics
Develop and implement concussion management protocol

2002 – 2003

Instructor, University of Dayton

Dayton, OH 45469

Department of Health and Sports Sciences
Classes taught: Basic Athletic Training- Implement curriculum,
instruction, and evaluation

2001 – 2004

Assistant Athletic Trainer, University of Dayton

Dayton, OH 45469

Medical and Rehabilitative needs for: women's soccer, women's
basketball, women's volleyball, softball, women's crew
golf, cheerleading

Approved Clinical Instructor for Athletic Training students
Wright State University

Oversee work study students (First Aid/CPR)

Member of NCAA Certification: Equity, Welfare, and
Sportsmanship Sub-Committee

Served on Student-Athlete, Sportsmanship, and Ethical Conduct
Working Group

Inventory of Athletic Training room

Disordered Eating Response Team (DERT) Coordinator

1999 – 2001 **Graduate Assistant Athletic Trainer, Saint Joseph's University**
 Philadelphia, PA 19131
Mentor Athletic Training students
Temple University
Medical and Rehabilitative needs for: women's basketball,
women's soccer, men's lacrosse

PROFESSIONAL MEMBERSHIPS:

National Athletic Trainers' Association
Eastern Athletic Trainers' Association
New York State Athletic Trainers' Association
American College of Sports Medicine
National Strength and Conditioning Association
International Foot and Ankle Biomechanics Community (i-FAB.org)

CERTIFICATIONS:

National Athletic Trainers' Association Certified Athletic Trainer
Certification #: 069902451 Membership #: 973111
National Strength and Conditioning Association Certified Strength and
Conditioning Specialist
Certification #: 200423117 Membership #: 03-06-20-013
Approved Clinical Instructor Educator, National Athletic Trainers' Association,
February, 2011
National Provider Identifier - # 1871901421
New York State Certified Athletic Trainer – License # 002125-1;
Certificate # 7547239
Pennsylvania State Licensed Athletic Trainer - Class A
License #: RT-002205-A (inactive)
American Red Cross Certified
CPR/AED – Adult, Child, Infant CPR
Y Balance Test Administration Certified
Collaborative Institutional Training Initiative (CITI), May, 2014
Protecting Human Research Participants (NIH), February, 2013
Approved Clinical Instructor, Daemen College, September, 2011
Approved Clinical Instructor, Northern Arizona University, October, 2009
Approved Clinical Instructor, West Chester University, August, 2004
Approved Clinical Instructor, Wright State University; December, 2003

PROFESSIONAL ATHLETIC TRAINING COVERAGE:

2008 Eastern Pennsylvania Rugby Union Women's Rugby Collegiate
 Championship November 1-2, Site: Princeton, NJ; Athletic
 Trainer
2008 USA Hockey Women's and Girl's National Championships March

2005 – 2009	28-30 & April 2-6, Site: West Chester, PA; Athletic Trainer USA Hockey Atlantic District Youth Hockey Championship, Sites: Aston, PA; Hatfield, PA, Voorhees, NJ, & West Chester, PA; Athletic Trainer
2006	USA Hockey Tier-III B Junior National Championships March 31- April 4, 2006, Site: Aston, PA; Athletic Trainer Atlantic 10 Conference Host Athletic Trainer
2006 - 2009	Women's Rowing Championships
2001 - 2004	Women's Rowing Championships
2002	Women's Soccer Championships
2001	Women's Volleyball Championships
2001	Women's Tennis Championships
1999	Men's and Women's Cross-Country Championships

PROFESSIONAL SERVICE:

Current	Editorial Board Member World Journal of Orthopedics
Current	Manuscript Reviewer Arthritis Care & Research Athletic Training & Sports Health Care: The Journal For The Practicing Clinician Clinical Biomechanics International Journal of Athletic Therapy & Training Journal of the American Podiatric Association Journal of Applied Biomechanics Journal of Arthritis Journal of Athletic Training Journal of Foot and Ankle Research Journal of Orthopaedic & Sports Physical Therapy Journal of Sport Rehabilitation
2013	NATA Executive Committee for Education's Work Group Member: "Examining the Optimal Degree for Professional Education in Athletic Training"
2012 - 2013	Conference Planning Committee; 2013 New York State Athletic Training Association Conference
2012	Faculty representative for Daemen College Service Learning Trip to the Dominican Republic
2012 - 2014	Scholars Day, Daemen College
2012	Expert Panelist, "The Weight of the Nation"
2009 - 2011	Rocky Mountain Athletic Trainers Association Student Committee Faculty Representative
2009-2011, 2014	Abstract Reviewer National Athletic Trainers Association Annual Meeting
2009-2011	Abstract Reviewer Eastern Athletic Trainers Association Annual Meeting

2010 Northern Arizona University Honors Day Poster Judge
 2007 – 2009 University of Delaware Graduate Student Sustainability
 Committee Member
 2005 National Safety Council Volunteer Instructor
 CPR/AED and First Aid
 2005 Moderator; National Athletic Trainers' Association Conference
 2005 Conference Planning Committee; West Chester University
 Department of Sports Medicine Continuing Education
 Conference
 2004 Olympic Training Center, Colorado Springs, CO, Volunteer
 Athletic Trainer: USA Men's Gymnastics Junior National Team
 Camp, USA Volleyball Girls HPC
 2003 NCAA Championship Host Athletic Trainer
 Women's Basketball East Regional
 2002 – 2004 NCAA Championship Host Athletic Trainer
 Men's Basketball Play-in Game

REFERRED PUBLICATIONS:

2015 **Chimera NJ**, Smith C, Warren M. Injury history, sex, and
 performance on the Functional Movement Screen™ and Y Balance
 Test. *Journal of Athletic Training*. 2015 [Epub ahead of print].

2015 Smith CA, **Chimera NJ**, Warren M. Association of Y
 Balance Test reach asymmetry and injury in Division I athletes.
Med Sci Sport Exer. 2015 Jan;47(1):136-41.

2015 Engquist, K, Smith C, **Chimera NJ**, Warren M. Performance
 comparison of student-athletes and general college students on the
 Functional Movement Screen™ and the Y Balance Test. *Journal
 of Strength and Conditioning Research*. 2015 Accepted for
 publication.

2014 Warren M, Smith CA, **Chimera NJ**. Association of
 Functional Movement Screen™ with injuries in Division I athletes.
Journal of Sport Rehabilitation. 2014 [Epub ahead of print].

2014 **Chimera NJ**, Brass C, Terryberry K, Matthews L, Boggs R, Denz
 W, Brogan MS. The effects of a four layer compression bandaging
 system on Skin Perfusion Pressure in healthy adults. *Advances in
 Skin and Wound Care*. 2014 Accepted for publication.

- 2013 Dudley LA, Smith CA, Olson BK, **Chimera NJ**, Schmitz B, Warren M. Interrater and intrarater reliability of the Tuck Jump Assessment by health professionals of varied educational backgrounds. *Journal of Sports Medicine*. vol. 2013, Article ID 483503, 5 pages, 2013. doi:10.1155/2013/483503.
- 2013 **Chimera NJ** & Manal K. Sex Differences in soleus strength may predispose middle age females to falls. *Journal of Strength and Conditioning Research*. 2013;27(9): 2596-2602.
- 2013 Smith C, **Chimera NJ**, Wright N, & Warren M. Interrater and intrarater reliability of the Functional Movement Screen™. *Journal of Strength and Conditioning Research*. 2013;27(4):982-987.
- 2012 **Chimera NJ**, Castro M, Davis I, Manal K. The effect of isolated gastrocnemius contracture on lower extremity kinematics and kinetics during stance. *Clinical Biomechanics*. 2012;27:917-923.
- 2010 **Chimera NJ**, Castro M, Manal K. Function and strength following gastrocnemius recession in subjects with isolated gastrocnemius contracture. *Foot and Ankle International*. 2010;31(5):377-384.
- 2009 **Chimera NJ**, Benoit D, Manal K. Influence of electrode type on neuromuscular activation patterns during walking in healthy subjects. *Journal of Electromyography & Kinesiology*. 2009;19(6):494-499.
- 2004 **Chimera NJ**, Swanik KA, Swanik CB, Straub SJ. Effects of plyometric training on muscle activation strategies and performance in female athletes. *Journal of Athletic Training*. 2004;39(1):24-31.

MANUSCRIPTS UNDER REVIEW:

- 2015 Burfeind S & **Chimera NJ**. Investigation into the effect of Kinesiology Tape on shoulder proprioception. *Journal of Sport Rehabilitation*.
- 2015 **Chimera NJ**, Brass C, Brogan MS. The use of Skin Perfusion Pressure to assess wound healing status. *Today's Wound Clinic*

MANUSCRIPTS IN PREPARATION FOR SUBMISSION:

- 2015 **Chimera NJ**, Knoeller S, Cooper R, Kothe N, Smith CA, Warren M. Prediction of FUNCTIONAL MOVEMENT SCREEN™ performance from lower extremity range of motion and core tests *Journal of Strength and Conditioning Research*.
- 2015 **Chimera NJ** & Kremer K. SportsMetrics™ Training Improves Power and Landing in High School Rowers. *Journal of Orthopaedic Sports Physical Therapy*.
- 2015 **Chimera NJ**, Smith C, Warren M. Functional Hop scores in female Division I collegiate athletes in sports with high and low ACL injury risk. *Athletic Training and Sports Health Care*.
- 2015 **Chimera NJ** & Warren M. The use of clinical movement screens to predict injury in sport. *World Journal of Orthopedics*.

REFERRED ABSTRACTS:

- 2014 **Chimera NJ**, Shaibi S, Clavell S, Smith C, Warren M. Do Functional Hop scores vary between female Division I collegiate athletes in sports with high and low ACL injury risk? *Medicine and Science in Sports and Exercise*, 2014;46(5):S159.
- 2013 **Chimera NJ**, Smith C, Warren M. Sex differences in Functional Movement Screen™ and Y Balance Test in Division I collegiate athletes. *Medicine and Science in Sports and Exercise*, 2013;45(5):S330.
- 2013 Smith C, **Chimera NJ**, Pinson R, Warren M. Reach asymmetry during Y-Balance Test associated with injury in Division I athletes. *Medicine and Science in Sports and Exercise*, 2013;45(5):S330.
- 2013 Warren M, Smith C, Pinson R, **Chimera NJ**. Functional Movement Screen™ is a poor predictor of injury in Division I athletes. *Medicine and Science in Sports and Exercise*, 2013;45(5):S331.
- 2009 **Chimera NJ**, Castro M, Manal KT. The effect of esolated gastrocnemius contracture and surgical gastrocnemius recession on strength and function. *Medicine and Science in Sports and Exercise*, 2009;41(5):S293.

- 2009 MacLeod TD, **Chimera NJ**, Castro M, Manal KT, Buchanan TS. Surgical recession of the gastrocnemius does not change plantar flexion moments. *Medicine and Science in Sports and Exercise*, 2009;41(5):82.
- 2002 **Chimera NJ**, Swanik KA, Swanik CB, Straub SJ. Effects of plyometric training on muscle activation strategies and performance in female athletes. *Journal of Athletic Training*, 2002;37(2):S20.

BOOK CHAPTERS:

- 2010 **Chimera NJ**. Training and Conditioning Techniques. *Introduction to Athletic Training and Emergency Care*. Ed. Angela Lampe. Kendall/Hunt Publishing Company; 2010.

NON-PEER REVIEWED PUBLICATIONS/EDITORIALS:

- 2015 Hartigan E, **Chimera NJ**, Lamberton S. Clinical utility of the Functional Movement Screen™ and its components. *Lower Extremity Review*. January, 2015.

NATIONAL PRESENTATIONS:

- 2015 **Chimera NJ** & Kremer K. *SportsMetrics™ training improves power and landing in high school rowers*. Poster to be presented at National Athletic Trainers' Association Clinical Symposia. St. Louis, MO, 2015.
- 2015 Dorchak D, Warren M, **Chimera NJ**. *The relationship between sex and the Arch Height Index in Division II athletes*. Poster to be presented at National Athletic Trainers' Association Clinical Symposia. St. Louis, MO, 2015.
- 2015 Kothe NJ, Smith CA, Shaibi S, **Chimera NJ**, Warren M. *Functional tests do not differ between injured and not injured in Division I female athletes*. Poster to be presented at American College of Sports Medicine Annual Meeting. San Diego, CA, May, 2015.
- 2014 **Chimera NJ**, Shaibi S, Clavell S, Smith C, Warren M. *Do Functional Hop scores vary between female Division I collegiate athletes in sports with high and low ACL injury risk?* Poster presented at American College of Sports Medicine Annual Meeting. Orlando, FL, May, 2014.

- 2014 **Chimera NJ**, Brass C, Pordum F, Brogan MS. *Use of skin perfusion pressure to assess wound healing status*. Poster presented at Symposium on Advanced Wound Care/Wound Healing Society (SAWC/WHs). Orlando, FL, April, 2014.
- 2014 Boggs R, Denz W, Matthews L, Terryberry K, Brass C, Brogan M, **Chimera NJ**. *The effects of Profore Multilayer Compression Bandaging System on skin perfusion pressure in healthy adults*. Podium presented at Combined Sections Meeting of American Physical Therapy Association. Las Vegas, NV, February, 2014.
- 2014 Dudley LA, Smith CA, Olson BK, **Chimera NJ**, Schmitz B, Warren M. *Is the Tuck Jump Assessment a reliable measure?* Poster presented at Combined Sections Meeting of American Physical Therapy Association. Las Vegas, NV, February, 2014.
- 2014 Engquist, K, Smith C, **Chimera NJ**, Ganley K, Warren M. *Functional Movement Screen™: Performance differences between males and females*. Poster presented at Combined Sections Meeting of American Physical Therapy Association. Las Vegas, NV, February, 2014.
- 2013 **Chimera NJ**, Smith C, Warren M. *Sex differences in Functional Movement Screen™ and Y Balance Test in Division I collegiate athletes*. Thematic Poster presented at American College of Sports Medicine Annual Meeting and World Congress on Exercise is Medicine. Indianapolis, IN May, 2013.
- 2013 Smith C, **Chimera NJ**, Pinson R, Warren M. *Reach asymmetry during Y-Balance Test associated with injury in Division I athletes*. Thematic Poster presented at American College of Sports Medicine Annual Meeting and World Congress on Exercise is Medicine. Indianapolis, IN, May, 2013.
- 2013 Warren M, Smith C, Pinson R, **Chimera NJ**. *Functional Movement Screen™ is a poor predictor of injury in Division I athletes*. Thematic Poster presented at American College of Sports Medicine Annual Meeting and World Congress on Exercise is Medicine. Indianapolis, IN, May, 2013.
*Honored at Clinicians Reception as one of the best clinical case/research presentation of the year.
- 2011 **Chimera NJ** & Manal KT. *Sex differences in plantar flexion strength may predispose middle age females to falls*. Poster presented at American Society of Biomechanics Annual Meeting, Long Beach, CA, August 2011.

- 2011 Smith C, **Chimera NJ**, Wright N, & Warren, M. *Interrater and intrarater reliability of the Functional Movement Screen*. Poster presented at American Society of Biomechanics Annual Meeting, Long Beach, CA, August 2011.
- 2009 **Chimera NJ**, Castro MD, Manal KT. *Surgical recession of the gastrocnemius does not influence plantar pressure*. Poster presented at American Society of Biomechanics Annual Meeting, State College, PA August, 2009.
- 2009 **Chimera NJ**, Castro MD, Manal KT. *Isokinetic plantar flexion torque increases after open gastrocnemius recession*. Poster presented at American Society of Biomechanics Annual Meeting, State College, PA August, 2009.
- 2009 MacLeod T, **Chimera NJ**, Manal KT, Buchanan, TS. *Volitional MVC EMG normalization tasks between days*. Poster presented at American Society of Biomechanics Annual Meeting, State College, PA August, 2009.
- 2009 **Chimera NJ**, Castro MD, Manal KT. *The effect of isolated gastrocnemius contracture and surgical gastrocnemius recession on strength and function*. Poster presented at American College of Sports Medicine Annual Meeting, Seattle, WA May, 2009.
- 2009 MacLeod T, **Chimera NJ**, Castro MD, Manal KT, Buchanan, TS. *Surgical recession of the gastrocnemius does not change plantar flexion moments*. Podium presented at American College of Sports Medicine Annual Meeting, Seattle, WA May, 2009.
- 2008 **Chimera NJ**, Castro MD, Manal KT. *How does isolated gastrocnemius contracture affect plantar pressure in neurologically healthy subjects?* Poster presented at North American Congress on Biomechanics Meeting, Ann Arbor, MI, August, 2008.
- 2008 Cowder J, **Chimera NJ**, Buchanan T, Manal KT. *Estimation of Achilles Tendon moment arms in vivo: A novel hybrid methodology using ultrasonography and motion analysis*. Podium presented at American Society of Mechanical Engineering Summer Bioengineering Conference, Marco Island, FL June, 2008.
- 2008 **Chimera NJ**, Castro MD, Manal KT. *Gastrocnemius recession: a treatment for foot pathology with associated isolated gastrocnemius contracture*. Poster presented at Gait and Clinical Movement Analysis Society Meeting, Richmond, VA April, 2008.

- 2007 **Chimera NJ**, Castro MD, Manal KT. *Surgical recession of the gastrocnemius for isolated contracture: a case study.* Poster presented at American Society of Biomechanics Meeting, Palo Alto, CA August, 2007.
- 2007 Buchanan T, **Chimera NJ**, Cowder J, Manal KT. *A hybrid methodology using ultrasonography and motion analysis for estimation of Achilles tendon moment arms in vivo.* Poster presented at American Society of Biomechanics Meeting, Palo Alto, CA August, 2007.
- 2006 **Chimera NJ**, Benoit DL, Manal K. *EMG signal amplitude differences during maximal isometric and isokinetic activity.* Poster presented at American Society of Biomechanics Meeting, Blacksburg, VA September, 2006.
- 2006 Manal K, Gardinier J, **Chimera NJ**. *What are we missing when using inverse dynamics?* Poster presented at American Society of Biomechanics Meeting, Blacksburg, VA September, 2006.
- 2002 **Chimera NJ**. *Effects of plyometric training on muscle activation strategies and performance in female athletes.* Podium presented at National Athletic Trainers Association Meeting and Clinical Symposia, Dallas, TX June, 2002.

REGIONAL PRESENTATIONS:

- 2013 **Chimera NJ**, Smith C, Warren M *The impact of injury history on Functional Movement Screen™ and Y Balance Test performance outcomes.* Poster presented at Eastern Athletic Trainers Association Meeting and Clinical Symposium. Buffalo, NY January, 2013
- 2010 **Chimera NJ**. *Lower extremity overuse injuries: What are we missing ?* Podium presented at Rocky Mountain Athletic Trainers Association Symposium, Denver, CO, April 2010.
- 2007 **Chimera NJ**, Benoit DL, Manal K. *Muscular activation during hopping tasks: surface vs. fine-wire electrodes.* Podium presented at North East-American Society of Biomechanics Conference College Park, MD March 2007.

INVITED PRESENTATIONS:

- 2014 **Chimera NJ.** SportsMetric™ training for ACL prevention. Presented at Catholic Health Sports Medicine Update 2014. Amherst, NY. August, 2014.
- 2011 **Chimera NJ.** *Recognition and treatment of Concussions.* Presented at Arizona Athletic Trainers Association Special Sessions for College Students, Mesa, AZ. February, 2011.
- 2005 **Chimera NJ.** *Preventing ACL injuries.* Presented at West Chester University Department of Sports Medicine Continuing Education Conference, West Chester, PA. December, 2005.

INTRAMURAL FUNDING:

- 2014 **Chimera NJ,** Terryberry K, Boggs R, Denz W, Case C, Esperti K. *The acute effects of body position and ambulation with and without the application of compression.*
Daemen College Student-Faculty Interdisciplinary Research Think Tank
Direct Costs: \$1,684.70 (**Fully Funded**)
- 2014 **Chimera NJ,** Matthews L, Terryberry K, Boggs R, Denz W. *Preliminary investigation into the feasibility of a large comprehensive study focusing on the effect of lower limb compression wrapping on arterial blood flow and tissue extensibility (Part 2)*
Daemen College Student-Faculty Interdisciplinary Research Think Tank
Direct Costs: \$1500.00 (**Fully Funded**)
- 2013 **Chimera NJ,** Matthews L, Terryberry K, Boggs R, Denz W. *Preliminary investigation into the feasibility of a large comprehensive study focusing on the effect of lower limb compression wrapping on arterial blood flow and tissue extensibility (Part 1)*
Daemen College Student-Faculty Interdisciplinary Research Think Tank
Direct Costs: \$2550.00 (**Fully Funded**)

2012 **Chimera NJ**, Matthews L, Terryberry K,
*Preliminary investigation into the feasibility of a large
 comprehensive study focusing on the effect of lower limb
 compression wrapping on arterial blood flow and tissue
 extensibility*
 Daemen College Faculty Research Committee
 Direct Costs: \$2195.00 (**Fully Funded**)

EXTRAMURAL FUNDING:

2014 Leddy J, Willer B, Pape D, Ramamurthy B, Baker J, Hinds A,
 Sullivan R, Schenk R, **Chimera NJ**
Game Changer for the NCAA
 NCAA – U.S Department of Defense Mind Matters Challenge
 Role: Co-Investigator
 Direct Costs: \$30,000.00

2014 **Chimera NJ**, Warren M, Smith CA
*Muscle activation and joint kinematics during performance of the
 Y Balance Test*
 Eastern Athletic Trainers Association General Grant Program
 Role: PI
 Direct Costs: \$9,998.00

2013 **Chimera NJ**, Brogan M, Warren M
*The Effects of 12 Weeks of Stride Length Retraining on Function
 And Plantar Pressures In Older Adults With Diabetes*
 ADA-Lilly Clinical Research Reward: Diabetes Care in Older
 Adults
 Role: PI
 Direct Costs: \$192,408.00; Indirect Costs: \$28,862.00 (Not
 Funded)

2011 **Chimera NJ**, Warren, M
*Can the Functional Movement Screen Be Used to Predict Non-
 Contact Injury During Collegiate Sport Participation?*
 NATAREF General Grant Program
 Role: Co-PI
 Direct Costs: \$49,976.00; Indirect Costs: \$7,497.00 (Not Funded)

2010 **Chimera NJ**, Warren, M
*Can the Functional Movement Screen Be Used to Predict Non-
 Contact Injury During Collegiate Sport Participation?*
 NATAREF Pre-Proposal
 Role: Co-PI
 Invited for full proposal 01/24/2011

2007

Chimera NJ*The Effects of Isolated Gastrocnemius Contracture On Lower Extremity Overuse Injuries*

Eastern Athletic Trainers Association General Grant Program

Role: PI

Direct Costs: \$4,000.00 (Not Funded)

RESEARCH MENTORSHIP:

MS Advisor	Cleon Clayton	Daemen College	2014-2015
MS Advisor	Jared Contreras	Daemen College	2014-2015
MS Advisor	Danielle Dorchak	Daemen College	2014-2015
MS Advisor	Kerry Guerin	Daemen College	2014-2015
DPT Advisor	Ryan Boggs	Daemen College	2013-2014
DPT Advisor	William Denz	Daemen College	2013-2014
DPT Advisor	Clay Case	Daemen College	2013-2014
DPT Advisor	Kevin Esperti	Daemen College	2013-2014
MS Advisor	Ryan Bohn	Daemen College	2013-2014
MS Advisor	Ron Cooper	Daemen College	2013-2014
MS Advisor	Shelby Knoeller	Daemen College	2013-2014
MS Advisor	Zhujun Zhou	Daemen College	2013-2014
MS Advisor	Lizabeth Aiello	Daemen College	2012-2013
MS Advisor	Sean Burfeind	Daemen College	2012-2013
MS Advisor	Adam Domroes	Daemen College	2012-2013
MS Advisor	Lauren Duft	Daemen College	2012-2013
MS Advisor	Megan Hendel	Daemen College	2012-2013
MS Advisor	Patrick Palkowski	Daemen College	2012-2013
MS Advisor	Kayce Wagner	Daemen College	2012-2013
MS Advisor	Adam Wysocki	Daemen College	2012-2013
MS Advisor	Andrew Benzin	Daemen College	2011-2012
MS Advisor	Brianna Cooper	Daemen College	2011-2012
MS Advisor	Craig Frost Jr	Daemen College	2011-2012
MS Advisor	Gabby Lorusso	Daemen College	2011-2012
MS Advisor	Sean McGuire	Daemen College	2011-2012
MS Advisor	Alexe Pask	Daemen College	2011-2012
MS Advisor	Mike Wild	Daemen College	2011-2012

PROFESSIONAL DEVELOPMENT:

2014	NIH Regional Seminars on Program Funding and Grants Administration
2013, 2014	Annual Niagara University International Conference on Teaching and Learning
2013, 2014	Annual Daemen Learning & Teaching Symposium
2013, 2014	Daemen College Academic Computing Services' Byte of Technology Symposium

2012	Faculty Research Presentation: <i>Using The Functional Movement Screen To Predict Musculoskeletal Injury</i> , Daemen College
2012	SUNY Fredonia Teaching & Learning Conference
2012	UAC Conference “Holistic Advising- The Whole Student Approach”
2011	Winter Hockey Symposia, Sports Medicine Concept
2008	Responsible Conduct of Research Workshop, University of Delaware

RESEARCH AND COMPUTER SKILLS:

Motion Labs EMG Hardware/Software System
 Visual 3D Software
 Aloka Ultrasound Technology
 Biodex System 3
 LabVIEW
 Qualysis Motion Capture System
 TekScan HR Plantar Pressure Mat & Software
 Sportsmetrics Valgus Digitizer
 Noraxon Telemyo EMG Hardware/Software System
 Functional Movement Screen Administration
 Y-Balance Test Administration
 ImPACT Systems Immediate Post-concussion Assessment and Cognitive Testing
 Body composition assessment via skin-fold
 Sports Ware Injury Tracking Software

HONORS AND AWARDS:

2014	Daemen College Faculty Travel Award
2011	Outstanding Educator, Northern Arizona University Athletic Department
2009	American College of Sports Medicine Biomechanics Interest Group- Motion Lab Systems Student Travel Award
2009	University of Delaware Professional Development Award
2005-2009	Full tuition remission, University of Delaware
2001	Unsung Hero Award Saint Joseph's University Women's Basketball Team
1999-2001	Full tuition remission, Temple University
1999	Graduated with honors from West Chester University