

Jason Ng, PhD, CSCS

Assistant Professor, Department of Kinesiology
California State University, San Bernardino
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San Bernardino, CA 92407-2393
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EDUCATION

Doctor of Philosophy in Human Performance (Exercise Science)

The University of Alabama, Tuscaloosa, AL
December 2015

Dissertation: Cardiovascular and thermoregulatory responses to ice slurry ingestion during heat stress

Advisor: Dr. Jonathan E. Wingo

Master of Science in Kinesiology (Clinical Exercise Science)

California State University, Fullerton, Fullerton, CA
August 2011

Graduate Research: Effect of clothing on the validity of devices used to estimate core temperature in cold environments

Advisor: Dr. Daniel A. Judelson

Bachelor of Science in Kinesiology (Fitness & Health Promotion)

California State University, Fullerton, Fullerton, CA
May 2009

ACADEMIC/TEACHING EXPERIENCE

Assistant Professor, Department of Kinesiology

California State University, San Bernardino, San Bernardino, CA
September 2015 – present

Graduate Assistant, Department of Kinesiology

The University of Alabama, Tuscaloosa, AL
August 2012 – July 2015

Graduate Research Assistant, Department of Kinesiology

California State University, Fullerton, Fullerton, CA
Project: Prader-Willi Syndrome, Childhood Obesity, and Physical Activity Studies
August 2010 – May 2011

Graduate Assistant, Office of Academic Advising, Department of Kinesiology

California State University, Fullerton, Fullerton, CA
August 2009 – May 2011

NON-ACADEMIC WORK EXPERIENCE

Graduate Assistant, Office of Health Promotion and Wellness

The University of Alabama, Tuscaloosa, AL
July 2011 – July 2012

Building Manager, Titan Recreation

California State University, Fullerton, Fullerton, CA
August 2008 – August 2010

Emergency Medical Technician

Medic-1 Ambulance, San Dimas, CA
August 2006 – August 2009

RESEARCH INTERESTS

- Cardiovascular, metabolic, and thermoregulatory responses to exercise performance in environmentally-stressful conditions
- Hydration and cooling methods to combat heat stress
- Age, sex, and training state-related differences in responses to exercise in stressful environments

GRANTS/AWARDS

- 2018 CSUSB Men's Baseball Team, Faculty Recognition (March 16, 2018)
- 2017 CSUSB Women's Soccer Team, Faculty Recognition (September 22, 2017)
- 2013 Gatorade Sports Science Institute, Student Research Grant Award (\$2000)
- 2010 National Strength and Conditioning Association, Minority Scholarship Award (\$1000)

CURRENT PROJECTS

1. **Ng J, Wee SO.** Cardiovascular drift pattern and effect on subsequent cycling time trial performance during heat stress. (in progress)
2. **Ng J, Alamilla R, Romero J, Tu K, Arevalo D.** Physiological profile of special weapons and tactics law enforcement officers. (data analysis)

3. **Ng J**, Alamilla R, Romero J, Tu K, Arevalo D. Effect of caffeine intake on cycling time trial performance in habitual users and nonusers. (data collection)
4. Escalante G, Vogelsang E, **Ng J**. The relationships between academic discipline, body fatness, self-perception of body fatness, and the weight implicit association test. (in review)
5. Escalante G, Dabbs NC, **Ng J**. Relationship between thermal imaging asymmetries and sports performance. (data analysis)

PUBLICATIONS

1. **Ng J**, Wingo JE. Effect of ice slurry beverages on voluntary fluid intake and exercise performance in hot conditions. (manuscript in preparation)
2. **Ng J**, Du Bois AM, Moyon NE, Tan JG, Villa MR, Brown LE, Coburn JW, Casa DJ, Judelson DA. Effect of clothing on validity of devices used to estimate core temperature in cold environments. (manuscript in preparation)
3. **Ng J**, Dobbs WC, Hornikel B, Wingo JE. Effect of ice slurry ingestion on cardiovascular drift and $\dot{V}O_{2max}$ during heat stress. *Medicine & Science in Sports & Exercise*. (in press)
4. **Ng J**, Wingo JE, Bishop PA, Casey JC, Aldrich EK. Ice slurry ingestion and physiological strain during exercise in non-compensable heat stress. *Aerospace Medicine and Human Performance*. 89(5): 434-441, 2018.
5. Al-horani RA, Wingo JE, **Ng J**, Bishop P, Richardson M. Precooling and warm-up effects on time trial cycling during heat stress. *Aerospace Medicine and Human Performance*. 89(2): 1-7, 2018.
6. McKenna Z, Berkemeier Q, Naylor A, Kleint A, Gorini F, **Ng J**, Kim JK, Sullivan S, Gillum, T. Bovine supplementation does not affect plasma I-FABP concentrations following exercise in a hot and humid environment. *European Journal of Applied Physiology*. 117: 2561-2567, 2017.
7. Rubin DA, Clark SJ, Haqq AM, Castner DM, **Ng J**, Judelson DA. Hormonal and metabolic responses to a single bout of resistance exercise in Prader-Willi Syndrome. *Hormone Research in Pediatrics*. 87: 153-161, 2017.
8. Rubin DA, Clark SJ, **Ng J**, Castner DM, Haqq AM, Judelson DA. Hormonal and metabolic responses to endurance exercise in children with Prader-Willi syndrome and non-syndromic obesity. *Metabolism*. 64: 391-395, 2015.

9. Rubin DA, Castner DM, Pham H, **Ng J**, Adams E, Judelson DA. Hormonal and metabolic responses to a resistance exercise protocol in lean children, obese children, and lean adults. *Pediatric Exercise Science*. 26: 444-454, 2014.
10. Malek MH, Coburn JW, York R, **Ng J**, Rana SR. Comparison of mechanomyographic sensors during incremental cycle ergometry for the quadriceps femoris. *Muscle Nerve*. 42: 394-400, 2010.

ABSTRACTS/PRESENTATIONS

1. Exercise is Medicine – Getting On-campus Initiatives Started by Dabbs NC, **Ng J**, Donlin A, Rodran K, Birchfield N. Southwest Chapter of the American College of Sports Medicine, Long Beach, CA, 10/17.
2. Health-related components of fitness of special weapons and tactics team members by Alamilla RA, Romero JD, Tu K, Cooper CN, Berwick III GW, Jackson MC, Escalante G, Dabbs NC, **Ng J**. Southwest Chapter of the American College of Sports Medicine, Long Beach, CA, 10/17.
3. Correlation between leg strength and balance of special weapons and tactics team members by Tu K, Alamilla RA, Romero JD, Cooper CN, Berwick III GW, Jackson MC, Dabbs NC, **Ng J**. Southwest Chapter of the American College of Sports Medicine, Long Beach, CA, 10/17.
4. Effect of standardized encapsulated caffeine on cardiovascular, metabolic, and perceptual responses during exercise in average college-age men by Alamilla RA, Romero J, Tu K, Arevalo D, Dabbs NC, **Ng J**. National Strength and Conditioning Association, Las Vegas, NV, 7/17.
5. Effect of an absolute dose of encapsulated caffeine on cycling time trial performance in average college-age men by Romero J, Alamilla RA, Tu K, Arevalo D, Dabbs NC, **Ng J**. National Strength and Conditioning Association, Las Vegas, NV, 7/17.
6. Effect of an absolute dose of encapsulated caffeine on cycling time trial performance in average college-age women by Tu K, Alamilla RA, Romero J, Arevalo D, Dabbs NC, **Ng J**. National Strength and Conditioning Association, Las Vegas, NV, 7/17.
7. Sex differences in bilateral and unilateral asymmetries in recreationally trained individuals by Wimbish J, Cooper CN, Montes E, Bryant L, **Ng J**, Escalante G, Dabbs NC. American College of Sports Medicine, Denver, CO, 6/17.
8. Effect of exercise mode on cardiovascular drift and maximal oxygen uptake during heat stress by Stone TM, Wingo JE, **Ng J**. American College of Sports Medicine, Denver, CO, 6/17.

9. Voluntary intake of ice slurry beverages and exercise performance during heat stress by **Ng J**, Wingo JE, Hallmark AV, Brown AJ, Powers SA. American College of Sports Medicine, Denver, CO, 6/17
10. Association between lower extremity asymmetry and muscular strength of recreationally-trained individuals by Kong KK, Sauls NM, Martinez AA, Whited JD, Escalante G, Dabbs NC, **Ng J**. Southwest Chapter of the American College of Sports Medicine, Costa Mesa, CA, 10/16.
11. Sex differences in muscular strength and power in recreationally-trained individuals by Gutierrez J, Escalante G, Dabbs NC, **Ng J**. Southwest Chapter of the American College of Sports Medicine, Costa Mesa, CA, 10/16
12. The relationship between bilateral asymmetries and explosive lower-body performance by Segura L, Sauls NM, Perez C, Velasquez H, **Ng J**, Escalante G, Dabbs NC. Southwest Chapter of the American College of Sports Medicine, Costa Mesa, CA, 10/16.
13. Sex differences in bilateral and unilateral asymmetries in recreationally trained individuals by Wimbish J, Cooper C, Montes E, Bryant L, **Ng J**, Escalante G, Dabbs NC. Southwest Chapter of the American College of Sports Medicine, Costa Mesa, CA, 10/16.
14. Effect of ice slurry ingestion on cardiovascular drift and maximal oxygen uptake during heat stress by **Ng J**, Dobbs WC, Hornikel B, Wingo JE. American College of Sports Medicine, Boston, MA, 6/16.
15. Acute changes in body weight and fluid intake of NCAA female sand volleyball players during an official tournament by Martinez AX, Herron RL, Hornsby J, **Ng J**, Aldrich EK, Bishop PA, Esco MR. National Strength and Conditioning Association National Conference, Orlando, FL, 7/15.
16. Time in motion during national competition game-play in collegiate female sand volleyball players: a descriptive investigation by Martinez AX, Herron RL, Hornsby J, **Ng J**, Aldrich EK, Bishop PA, Esco MR. National Strength and Conditioning Association National Conference, Orlando, FL, 7/15.
17. Ice slurry ingestion and physiological strain during work with protective clothing in hot conditions by **Ng J**, Aldrich EK, Casey JC, Clair BJ, and Wingo JE. American College of Sports Medicine, San Diego, CA, 5/15.
18. Precooling and warm-up effects on time trial cycling performance during heat stress by Al-horani RA, **Ng J**, and Wingo JE. American College of Sports Medicine, San Diego, CA, 5/15.
19. Hydration status of NCAA female sand volleyball players during an official tournament by Martinez AX, Herron RL, Hornsby J, **Ng J**, Aldrich EK, Bishop PA, Esco MR.

Educational Studies in Psychology, Research Methodology, and Counseling Annual Symposium, Tuscaloosa, AL, 4/15.

20. Time in motion during competitive game-play in female sand volleyball players by Martinez AX, Herron RL, Hornsby J, **Ng J**, Aldrich EK, Bishop PA, Esco MR. Educational Studies in Psychology, Research Methodology, and Counseling Annual Symposium, Tuscaloosa, AL, 4/15
21. Effect of exercise mode on cardiovascular drift and maximal oxygen uptake during heat stress by Fung R, Martindale A, Smigielski T, Ervin K, Sibayan S, **Ng J**, and Wingo J. 16th Annual Rural Health Conference: The Weight of Our Rural Communities: Partnering to Reduce Obesity, Tuscaloosa, AL, 4/15
22. Effect of exercise mode on cardiovascular drift and maximal oxygen uptake during heat stress by Fung R, Martindale A, Smigielski T, Ervin K, Sibayan S, **Ng J**, and Wingo J. University of Alabama College of Community Health Sciences Annual Research and Scholarly Activity Day, Tuscaloosa, AL, 4/15
23. Effect of ice slurry ingestion on cardiovascular drift and maximal oxygen uptake during heat stress by Nofsinger S, Doggett K, Darr S, Flammang S, Dobbs D, Hornikel B, **Ng J**, and Wingo J. University of Alabama Undergraduate Research and Creative Activity Conference, Tuscaloosa, AL, 4/15
24. Effect of exercise mode on cardiovascular drift and maximal oxygen uptake during heat stress by Martindale A, Smigielski T, Ervin K, Sibayan S, Fung R, **Ng J**, and Wingo J. University of Alabama Undergraduate Research and Creative Activity Conference, Tuscaloosa, AL, 4/15
25. Effect of ice slurry ingestion on physiological strain during work with protective garments in hot conditions by **Ng J**, Aldrich EK, Casey JC, Clair BJ, and Wingo JE. Southeast Chapter of the American College of Sports Medicine, Jacksonville, FL, 2/15.
26. Precooling and warm-up effects on time trial cycling performance during heat stress by Al-Horani R, **Ng J**, and Wingo JE. Southeast Chapter of the American College of Sports Medicine, Jacksonville, FL, 2/15.
27. Acute cooling does not attenuate the $\dot{V}O_{2max}$ reduction associated with cardiovascular drift during heat stress by **Ng J**, Casey JC, Herron RL, Carter SJ, Katica CP, and Wingo JE. American College of Sports Medicine, Orlando, FL, 5/14.
28. Effect of acute fan cooling on maximal oxygen uptake during heat stress by Robinson A, Heldman A, Casey JC, **Ng J**, Herron RL, Carter SJ, Katica CP, and Wingo JE. Undergraduate Research and Creative Activity Conference, Tuscaloosa, AL, 4/14.

29. Effect of ice slurry ingestion on thermoregulation during exercise with protective garments in a hot environment by Clair BJ, Aldrich EK, Casey JC, **Ng J**, and Wingo JE. Undergraduate Research and Creative Activity Conference, Tuscaloosa, AL, 4/14.
30. Effect of acute cooling on maximal oxygen uptake during heat stress by Casey JC, **Ng J**, Herron RL, Carter SJ, Katica CP, and Wingo JE. Southeast Chapter of the American College of Sports Medicine, Greenville, SC, 2/14.
31. Hormonal responses to a moderate intensity resistance exercise protocol in children by Rubin DA, Pham H, **Ng J**, Wallach W, Mendoza-Castner D, and Judelson DA. Pediatric Work Physiology, Curia, Portugal, 10/13.
32. Effect of clothing on validity of devices used to estimate core temperature in cold environments by **Ng J**, DuBois AM, Moyen NE, Tan JG, Villa MR, Brown LE, Coburn JW, Casa DJ, and Judelson DA. American College of Sports Medicine, San Francisco, CA, 5/12.
33. Hormonal and Metabolic Responses to Endurance Exercise in Prader-Willi Syndrome by Rubin DA, Judelson DA, Clark SS, Castner DM, Less J, and **Ng J**. Prader-Willi Syndrome Association (USA) Annual National Conference in Orlando, FL, 11/11.
34. Post-resistance exercise responses in obese and normal weight children by Tan JG, Mendoza-Castner D, **Ng J**, Tufano JJ, Rubin DA, and Judelson DA. Southwest Chapter of the American College of Sports Medicine, Reno, NV, 10/11.
35. Effects of motorized vs. non-motorized treadmill training on hamstring strength by Tufano JJ, Franks KA, Cazas VL, **Ng J**, Kersey RD, Coburn JW, and Brown LE. National Strength and Conditioning Association Annual Meeting, Las Vegas, NV, 7/11.
36. Effects of motorized vs. non-motorized treadmill training on functional hamstring/quadriceps strength ratios by Franks KA, Tufano JJ, Cazas VL, **Ng J**, Kersey RD, Coburn JW, and Brown LE. National Strength and Conditioning Association Annual Meeting, Las Vegas, NV, 7/11.
37. Effect of ambient temperature on thermoregulation, perceptual responses and performance of a 5000 m run by Davis JT, Judelson DA, Brown LE, Coburn JW, Ellis CL, **Ng J**, Coats DR, and Jennings CA. American College of Sports Medicine, Denver, CO 6/11.
38. Effect of caffeine supplementation on catecholamine and metabolic responses to exercise in cold conditions by Judelson DA, Thomas WE, Coburn JW, Kersey RD, Rubin DA, Bagley JR and **Ng J**. American College of Sports Medicine, Denver, CO, 6/11.
39. Post-exercise heart rate recovery in children: interactions between adiposity and exercise intensity by Mendoza-Castner D, **Ng J**, Bloom T, Judelson DA, Rose D, and Rubin DA. Southwest Chapter of the American College of Sports Medicine, San Diego, CA, 10/10.

TEACHING EXPERIENCE

Exercise Prescription, KINE 483

Faculty Instructor, California State University, San Bernardino, San Bernardino, CA

- Fall 2017
- Fall 2016
- Spring 2016
- Fall 2015

Exercise Physiology, KINE 481

Faculty Instructor, California State University, San Bernardino, San Bernardino, CA

- Fall 2017
- Summer 2017
- Spring 2017
- Winter 2017
- Fall 2016

Independent Study, KINE 595

Faculty Supervisor, California State University, San Bernardino, San Bernardino, CA

- Spring 2016

Instrumentation in Exercise Science, KINE 486

Faculty Instructor, California State University, San Bernardino, San Bernardino, CA

- Summer 2016
- Winter 2016

Measurement and Statistics in Kinesiology, KINE 370

Faculty Instructor, California State University, San Bernardino, San Bernardino, CA

- Winter 2016

Physical Activity and Aging, KINE 360

Faculty Instructor, California State University, San Bernardino, San Bernardino, CA

- Fall 2015

Evaluation and Measurement, KIN 366

Instructor, The University of Alabama, Tuscaloosa, AL

- Spring 2014
- Fall 2013

Aerobics, KIN 120

Instructor, The University of Alabama, Tuscaloosa, AL

- Summer 2013

Fitness Appraisal and Exercise Prescription, KIN 493
Teaching Assistant, The University of Alabama, Tuscaloosa, AL

- Fall 2012

Physiology of Exercise Laboratory Techniques, KNES 348L
Instructor, California State University, Fullerton, Fullerton, CA

- Spring 2011
- Fall 2010

Cardiovascular Exercise Testing & Prescription, KNES 354
Teaching Assistant, California State University, Fullerton, Fullerton, CA

- Spring 2011

Beginning and Intermediate Badminton, KNES 130A and 130B
Instructor, California State University, Fullerton, Fullerton, CA

- Fall 2010
- Spring 2010

SERVICE

CSUSB Department of Kinesiology
Coordinator, Department Newsletter (August 2017 – Present)

CSUSB Department of Kinesiology
Coordinator, Building and Space (August 2017 – Present)

CSUSB Department of Kinesiology
Coordinator, Website Development (August 2017 – May 2018)

Southwest Chapter of the American College of Sports Medicine
Student Research Award Competition – Reviewer (October 2017)

CSUSB Recreation & Wellness Committee
Committee Member – Faculty Representative, Kinesiology (Fall 2017 – Fall 2018)

CSUSB Office of Student Research
Student Research and Travel Program (ASI/IRP) Selection Committee (Fall 2017 –present)

California Baptist University, Department of Kinesiology Thesis Committee
Committee Member – Thermoregulation Expert Consultant (Spring 2017)

- Member of thesis committee for Master's level thesis

CSUSB Commencement Ceremony
Faculty Marshal, California State University, San Bernardino, San Bernardino, CA

- Spring 2017

- Winter 2016
- Spring 2016

CSUSB Department of Recreation and Wellness Hiring Committee

Search committee member, California State University, San Bernardino, San Bernardino, CA

- Member of search committee to hire an Assistant Director of Fitness & Wellness for the CSUSB Student Recreation Center (Spring 2017)

CSUSB Quarter to Semester Transformation – Department of Kinesiology

Member of Allied Health Professions Transformation Committee (Fall 2016 – present)

American College of Sports Medicine: Exercise Is Medicine – On Campus

Faculty Advisor, California State University, San Bernardino, San Bernardino, CA

- Advisor and mentor for
 - Charlotte Hua (Winter 2017 – present)
 - Elizabeth Tuason (Winter 2017 – present)
 - Paul Hanna (Winter 2017 – present)

The Key to Your Heart presented by Sigma Lambda Gamma National Sorority, Inc.

Invited guest speaker, California State University, San Bernardino, San Bernardino, CA

- Presented physical activity and cardiovascular disease lecture (Winter 2017)

CSUSB Kinesiology Department Hiring Committee

Search committee member, California State University, San Bernardino, San Bernardino, CA

- Search committee member for exercise physiologist faculty member (Fall 2016)

Student-Faculty Research Collaboration

Research mentor, California State University, San Bernardino, San Bernardino, CA

- Faculty research mentor for
 - Javier Romero (Fall 2016 – present)
 - Kong Tu (Fall 2016 – present)
 - Daniel Arevalo (Fall 2016 – present)
 - Kyoung Kong (Spring 2016 – Fall 2016)

CSUSB Open House – College Experience Session

Department facilitator, California State University, San Bernardino, San Bernardino, CA

- Department facilitator (Fall 2015 – Fall 2016)

Human Performance Laboratory

Supervisor, California State University, San Bernardino, San Bernardino, CA

- Faculty supervisor for
 - Andrew Khong (Fall 2016 – present)

CSUSB Maximizing Access to Research Careers (MARC) Program

Co-mentor, California State University, San Bernardino, San Bernardino, CA

- Faculty research co-mentor for Rafael Alamilla

Fitness Assessment Center

Co-director, California State University, San Bernardino, San Bernardino, CA

- Faculty supervisor for
 - Darren Favela (Fall 2017)
 - Lena Longueira (Fall 2017)
 - Noemi Figueroa (Fall 2017)
 - Angel Ramirez-Lomeli (Fall 2017)
 - David Blatz (Fall 2017)
 - Humberto Escalante (Fall 2017)
 - Chelsea Nelson (Fall 2017)
 - Rodrigo Macias (Fall 2017)
 - Andrew Khong (Spring 2017)
 - Christina Cooper (Spring 2017)
 - Jennifer Orozco (Spring 2017)
 - Elizabeth Tuason (Spring 2017)
 - Josh Gustafson (Spring 2017)
 - Chelsea Dominguez (Spring 2017)
 - Javier Romero (Spring 2017)
 - Kong Tu (Spring 2017)
 - Brittany Holloman (Spring 2017)
 - Noemi Figueroa (Spring 2017)
 - Laura Aceves (Spring 2017)
 - Maria Cossio (Winter 2017)
 - Andrew Enriquez (Winter 2017)
 - Jennifer Orozco (Winter 2017)
 - Ian Bjerke (Winter 2017)
 - Elizabeth Tuason (Winter 2017)
 - Daniel Arevalo (Winter 2017)
 - Andrew Khong (Fall 2016)
 - Christina Cooper (Fall 2016)
 - Desiree Rodriguez (Fall 2016)
 - Jose Salinas (Fall 2016)
 - Katrina Kane (Fall 2016)
 - Salvador Alvarez (Fall 2016)
 - Maria Rodriguez (Fall 2016)
 - Joshua Denby (Fall 2016)
 - Edwin Doering (Fall 2016)
 - Christian Gonzalez (Fall 2016)
 - Amanda Velasquez (Spring 2016)
 - Ronny Wareh (Spring 2016)
 - Leslie Ellison (Spring 2016)
 - Zanietta Bradley (Spring 2016)
 - Alyssa Dome (Spring 2016)
 - Stephani Yong (Spring 2016)

- Amanda Boucher (Spring 2016)
- Jenny Nuño (Spring 2016)
- Andrew Walters (Winter 2016)
- Carmen Leon (Winter 2016)
- Jensen Keith (Winter 2016)
- Adrian Martinez (Winter 2016)

Kinesiology Academic Advising

Faculty Advisor, California State University, San Bernardino, San Bernardino, CA

CSUSB Classroom Visitations

Evaluator, California State University, San Bernardino, San Bernardino, CA

- KINE 240 – Exercise Science Software; Instructor: Mr. Justin Swanson (Fall 2016)
- KINE 200 – First Aid; Instructor: Mr. Quentin Moses (Spring 2016)
- KINE 240 – Exercise Science Software; Instructor: Ms. Jamie Martinez (Fall 2015)

CSUSB Annual Nursing Poster Presentation Session

Faculty Adjudicator, California State University, San Bernardino, San Bernardino, CA
(December 2015)

CSU Chancellor Campus Visit

Faculty Demonstrator, California State University, San Bernardino, San Bernardino, CA

- Demonstration of co-teaching in newly developed Applied Learning Laboratory with Drs. Nicole Dabbs and Chris Gentry during visit by CSU Chancellor, Timothy White (November 2015)

Faculty Development

Attendee, California State University, San Bernardino, San Bernardino, CA

- University Faculty Mentoring Network – How to Put a FAR Together: Part II (February 2016)
- University Faculty Mentoring Network – How to Put a FAR Together: Part I (January 2016)
- CSUSB Human Resources Training – Guidance for Surviving an Active Shooter Situation (December 2015)
- CSUSB Human Resources Training – Workplace Violence Prevention & Sexual Harassment Avoidance (December 2015)
- CSUSB Human Resources Training – Concur Travel & Expense Demonstration/Training (November 2015)
- CSUSB Human Resources Training – New Employee Safety Training (November 2015)
- University Faculty Mentoring Network – Advising Students: Best Practices (October 2015)
- University Faculty Mentoring Network – Advising Students: The CSUSB Landscape (October 2015)
- CSUSB New Faculty Orientation (September 2015)

Emerging Scholars Program

Mentor, The University of Alabama, Tuscaloosa, AL

- Research mentor for
 - Katherine Doggett (Spring 2015)
 - Samantha Darr (Spring 2015)
 - Samantha Nofsinger (Spring 2015)
 - Troy Smigielski (Fall 2014)
 - Kaitlin Ervin (Fall 2014)
 - Austin Martindale (Fall 2014)
 - Brendan Clair (Spring 2014)
 - Alex Heldman (Fall 2013)

Masters Mentorship Program

Mentor, United States Sports Academy, Daphne, AL

- Research mentor for
 - Saul Sibayan (Fall 2014)

Scholarly Activity Project, Class of 2016

Mentor, School of Medicine, The University of Alabama at Birmingham, Birmingham, AL

- Research mentor for
 - Russell Fung (Summer 2014)

Graduate Student Association

Delegate, Alabama Museum of Natural History, Tuscaloosa, AL, Spring 2013 – Spring 2015

- Representative at annual “Hands-on Family Night”

Holt Community Festival

Representative, Holt High School, Tuscaloosa, AL, Spring 2012 – Spring 2015

- Disseminate health, nutrition, and exercise information to families in the Holt community

Kinesiology Academic Advisement Center

Graduate Assistant, California State University, Fullerton, Fullerton, CA, Fall 2009 – Spring 2011

- Assist the Academic Advisement Center Coordinator in providing academic advisement service to undergraduate kinesiology students regarding foundational coursework along with focus areas of the B.S. degree in kinesiology
- Disseminate information about internships and prerequisite courses for graduate studies

PROFESSIONAL MEMBERSHIPS

- American College of Sports Medicine: 2008 – present
- National Strength and Conditioning Association: 2008 – present
- Southwest Chapter of the American College of Sports Medicine: 2010 – 2011, 2015 – present

- Southeast Chapter of the American College of Sports Medicine: 2011 – 2015

Invited Peer Reviewer for:

- International Journal of Exercise Science
- Journal of Sport Science
- Journal of Strength and Conditioning Research
- Strength and Conditioning Journal

LABORATORY TECHNIQUES/EXPERIENCE

- Thermometry
- Phlebotomy
- Hydration status assessment
- Body composition assessment
- Humoral analyses of hematocrit, hemoglobin, and lactate
- Metabolic measurement and assessment
- Cardiovascular function measurement and assessment
- Carbon dioxide rebreathing
- Administration of submaximal and maximal endurance exercise protocols
- Administration of exercise performance capacity protocols
- Administration of exercise protocols for children and unique populations
- Assist with humoral analyses of hormones and metabolites
- Service, maintain, and troubleshoot laboratory equipment

COMPUTER SKILLS

- Metabolic measurement system:
 - Parvo Medics True One 2400
- Performance measurement system:
 - Lode Ergometry Manager
 - Velotron Coaching Software
 - Velotron 3D Software
 - Monark Wingate Software
- Data acquisition system:
 - BIOPAC Systems
 - AcqKnowledge
- Office software:
 - Microsoft Word
 - Microsoft PowerPoint
 - Microsoft Excel
 - Microsoft Publisher
 - IBM SPSS
 - EndNote

- Online instructional tools:
 - Blackboard Learn

CERTIFICATIONS

- NSCA Certified Strength and Conditioning Specialist, 2009 – present
- National Registry of Emergency Medical Technicians, 2008 – 2010
- American Red Cross Adult and Child CPR and AED, 2004 – present

HONORS

- 2018 Western Society of Kinesiology & Wellness – Arthur Broten Young Scholar Award
- 2016 The University of Alabama – Outstanding Dissertation Award: College of Education Divisional Winner
- 2014 The University of Alabama – Outstanding Graduate Student in Exercise Science
- 2009 California State University, Fullerton – Magna Cum Laude
- 2009 California State University, Fullerton – Kinesiology Outstanding Undergraduate Student
- 2008-2009 Board Member of Kappa Omicron Nu Honor Society, Nu Pi Chapter
- 2007-2009 Member of Kappa Omicron Nu Honor Society
- 2004-2009 California State University, Fullerton – Dean’s List, all terms

REFERENCES

Jonathan E. Wingo, Ph.D.
 Department of Kinesiology (Head)
 The University of Alabama
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Daniel A. Judelson, Ph.D.
 Physiology Researcher II
 Nike Explore Team
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Lee E. Brown, Ed.D.

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California State University, Fullerton
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Fullerton, CA 92834
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Jared W. Coburn, Ph.D.

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Kathy Webster, Ed.D.

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