

Frank A. Cimino III M.S.

EDUCATION

Master of Science - Dec 2018

University of Mary Hardin-Baylor

Exercise Physiology (GPA 4.0) Bachelor of Science - May 2017

University of Mary Hardin-Baylor

Exercise Physiology (GPA 3.5)

WORK EXPERIENCE

Clinical Research Study Coordinator *DHR Health Institute for Research and Development – Edinburg TX (07/21 – Current)*

- Conducts, monitors, and coordinates large multi-center clinical trials in hospital and clinical settings while ensuring study Investigators adhere to FDA and protocol guidelines.
- Serves as the main contact with study sponsors/site investigators on data management issues and activities.
- Ensures appropriate transmission of clinical case data to the sponsor data management centers.
- Monitors and records patient response to treatment, communicates study data and results to investigators, and maintains/completes source documentation.
- Oversees the preparation of study activity reports for sponsors and investigators as appropriate
- Prepares regulatory/ethical submissions and procedures to the Institutional Review Boards and study sponsors

Research Associate *The Institute for Exercise and Environmental Medicine – Dallas (06/19 – 07/21)*

- Supported Dr. Craig Crandall's Thermo and Vascular human research laboratory to include recruitment, testing, data collection/analysis/presentation, lab preparation, equipment operation/calibration, supply ordering, and participant compensation.
- Successfully met enrollment requirements for NIH/DOD funded research projects.
- Collected data on Thermal and Vascular changes in human participants in various heated environments via environmental chamber climate control and sub maximal exercise testing.
- Gathered, arranged, and corrected research data on Analgesic responses during lower body negative pressure in human participants.

Cardiopulmonary Rehabilitation Intern *Baylor Scott & White Memorial Hospital – Round Rock, TX 300 hours (08/18–10/17)*

- Obtained practical experience coordinating/planning preventative and rehabilitative health care for phase 1 and 2 patients in the cardiopulmonary rehabilitation program.
- Experienced in medical evaluation, risk stratification, cardiac monitoring, and exercise prescription for individual patients.

Research Assistant *Human Performance Lab – Belton, TX (01/18–8/18)*

- Collected data on supplementation and exercise protocols in human participants.
- Maintained detailed and accurate records of participants including bloodwork.
- Assisted in the recruitment of research participants.
- Performed blood draws and pipetting protocols for lab evaluation.
- Provided overview of lab function and duties to UMHB visitors/faculty/staff/students.

Intern *D1 Sports Training – Waco, TX 300 hours (05/17—07/17)*

- Planned and organized exercise programming for general population and personal training clientele.
- Observed physical therapists modify exercises appropriately to avoid injury.
- Spoke with clientele concerning weekly nutrition and physical activity goals.
- Taught scheduled classes beginning and ending on time.

Radio Comsec *Repair United States Army – Killeen, TX (08/10—08/14)*

- Interpreted/validated technical issues, test solutions, follow-up and escalate when necessary.
- Owned/addressed communications needs and equipment issues from inception to resolution.
- Smart hands support for the racking, stacking, and cable installation at all remote and mobile communications facilities as well as satellite communications facilities.

TECHNICAL SKILLS

- Manual Blood Pressures (Exercise & Resting)
- Cardiovascular Sub-Maximal Testing
- DEXA Operator Training (enCORE)
- Resting Energy Expenditures
- Innocor CO Measurements
- Transcranial Doppler Operation
- ECG Trained
- RQI BLS Certified
- Wingate Bike Tests
- InBody Scans
- Venipuncture Phlebotomy
- VO2 Max Treadmill Testing
- Sub-Maximal Cardiovascular Testing
- Transracial Doppler Operation
- Biopac Systems Operation/Analysis
- CITI: GCP, HIPPA, HSP Trained

HONORS AND AWARDS

- Master of Science in Exercise Physiology Outstanding Student Award, *University of Mary Hardin Baylor – Dec 2018*
- Deans Outstanding Graduate Student Award, *University of Mary Hardin Baylor – Dec 2018*

PROFESSIONAL MEMBERSHIPS/AFFILIATIONS

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- American College of Sports Medicine – National *2019-present*
 - American College of Sports Medicine – Texas Chapter Student Member *2016-2018*

CERTIFICATIONS

- Basic Life Support (RQI BLS) – American Heart Association

Research Experience: Research Assistant Related Support: University of Mary Hardin-Baylor

- Examination of biomarkers of sub-concussive impacts in men and women's DIII soccer players.
UMHB Expenses Funded by L. Taylor. (PI at UMHB: L. Taylor, PI at TCU: J. Oliver). Summer 2017-Fall 2018.
- Genetic influences on sport performance and athlete health: ACTN3 R577X and APOE polymorphisms in highly trained NCAA athletes. UMHB Expenses Funded by L. Taylor. (PI at UMHB: L. Taylor; PI at TCU: J. Oliver). Summer 2017-2019.
- Evaluation of the efficacy and safety of Fenugreek extract ingestion on markers of muscle damage and inflammation on healthy non-resistance trained subjects. Funded by Indus Biotech, Inc. (PI: Lem Taylor). Fall 2017-Present
- Influence of A Thermogenic Dietary Supplement on Safety Markers, Body Composition, Energy Expenditure, Muscular Performance and Hormone Concentrations: A Randomized, Placebo-Controlled, Double-Blind Trial. *Journal of Sports Science and Medicine* (2017) 16, 459-467.

Abstracts/Research Publications

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- Mads Fischer, Matthew N Cramer, M U Huang, Luke N Belval, Joseph C Watso, Frank A Cimino, Craig G Crandall. Burn Injury Does Not Exacerbate Heat Strain During Exercise While Wearing Body Armor. *Med Sci Sports Exercise* 2020. Doi: 10.1249/MSS.0000000000002375
 - Luke N Belval, Matthew N Cramer, Gilbert Morales, Mu Huang, Frank A Cimino, Joseph C Watso, Craig G Crandall. Interaction of Exercise Intensity and Simulated Burn Injury Size on Thermoregulation. *Med Sci Sports Exercise* 2020. Doi: 10.1249/MSS.0000000000002480
 - Frank A. Cimino III, Matthew N. Cramer, Gilberto Morales, Mu Huang, Luke N. Belval, Joseph C. Watso, Craig G. Crandall, FACSM. The Effect of Burn Location on Internal Body Temperature Responses During Exercise In The Heat. *ACSM National Conference 2020*, San Francisco, CA.
 - Joseph C. Watso, Mu Huang, Gilbert Morales, Matthew N. Cramer, Joseph M. Hendrix, Frank A. Cimino, Luke N. Belval, Carmen Hinojosa-Laborde, Qi Fu, and Craig G. Crandall. Blood Pressure Responses to a Cold Pressor Test During Ketamine or Fentanyl Analgesia. *ACSM National Conference 2020*. San Francisco, CA.
 - Mads Fischer, Matthew N. Cramer, Mu Huang, Luke N. Belval, Joseph C. Watso, Frank A. Cimino, and Craig G. Crandall. A torso Burn Injury Does Not Exacerbate Thermoregulatory Strain During Exercise-Heat Stress While Wearing a Military Combat Uniform. *Experimental Biology 2020*. San Diego, CA.
 - Urbina, S.L., K.B. Villa, E.N. Santos, J.A. Zaragoza, F.A. Cimino, C.A. Foster, L.W. Taylor, C.D. Wilborn, & R. Wildman. The Effects of Cocoa Ingestion on Vessel Diameter and Blood Flow in Healthy Men and Women. *International Society of Sports Nutrition National Conference 2018*. Clearwater, FL.
 - Joseph C. Watso, Mu Huang, Luke N. Belval, Frank A. Cimino III, Joseph M. Hendrix, Carmen Hinojosa-Laborde, Craig G. Crandall. The Effect of Analgesic Fentanyl Administration on Sympathetic and Cardiovascular Responses During Simulated Hemorrhage in Humans. *American Autonomic Society 2020*. Maui, Hawaii.
 - Craig G. Crandall, Joseph C. Watso, Mu Huang, Luke N. Belval, Frank A. Cimino, Joseph M. Hendrix, Carmen Hinojosa-Laborde. Analgesics In The Pre-hospital Setting: Intravenous Fentanyl Does Not Alter Tolerance To Simulated Hemorrhage In Humans. *Military Health System Research Symposium 2021*
 - Luke N. Belval, Matthew N. Cramer, Mu Huang, Gilberto Morales, Frank A. Cimino, III, Joseph C. Watso, Craig G. Crandall. Interaction Between Exercise Intensity And Burn Size Affects Body Temperature During Exercise In The Heat. *ACSM National Conference 2020*, San Francisco, CA.
 - Joseph C. Watso, Mu Huang, Gilbert Morales, Matthew N. Cramer, Joseph M. Hendrix, Frank A. Cimino, III, Luke N. Belval, Carmen Hinojosa-Laborde, Qi Fu, Craig G. Crandall. Blood Pressure Responses During A Cold Pressor Test Following Ketamine Or Fentanyl Analgesic Administration. *ACSM National Conference 2020*, San Francisco, CA.
 - Joseph C Watso, Mu Huang, Gilbert Morales, Matthew N Cramer, Joseph M. Hendrix, Frank A Cimino III, Luke N Belval, Carmen Hinojosa-Laborde, Craig G Crandall. Low Dose Ketamine Reduces Pain Perception and Blood Pressure, but Not Muscle Sympathetic Nerve Activity, Responses During a Cold Pressor Test. *The Journal of Physiology* 2020. Doi: 10.1113/JP280706
 - Joseph C. Watso, Frank A. Cimino III, Luke N. Belval, Mu Huang, Joseph M. Hendrix, Bonnie D. Orth, Carmen Hinojosa-Laborde, Craig G. Crandall. The effect of low dose morphine on cardiovascular responses during simulated hemorrhage in humans. *American Autonomic*

