

# ANDREW R. DUFF

and247@pitt.edu

## EDUCATION and CERTIFICATIONS

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- M.S., Sports Science, SHRS, The University of Pittsburgh, Pittsburgh, P.A. 2021-2022
- NASM Certified Strength and Conditioning Specialist 2021-Present
- B.S., Health and Exercise Science, The College of New Jersey, Ewing, N.J. 2017-2021
  - GPA: 3.38
  - Minor: Psychology
- ACSM Certified Exercise Physiologist 2021-Present
- CITI Program Biomedical Research Certification 2020-Present
- American Heart Association, Basic Life Support CPR Certification
- The College of New Jersey Student Athlete Academic Honors 2017-2021
- Academic All-American Honors Spring 2020

## ACTIVITIES and COMMUNITY SERVICE

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- Member, Health and Exercise Science Department Student Recruitment Task Force 2021-Present
- Captain, The College of New Jersey Swimming and Diving 2017-Present
  - All-American Honors (2019-2020 Season)
  - Team Captain (2020-2021 Season)
- Member, Exercise is Medicine on Campus Club at The College of New Jersey 2017-2021
- Intern, Shore Memorial Hospital, Somers Point, N.J. 2016-2017
  - Shadowed in the biomedical engineering department and laboratory

## RESEARCH and CLINICAL EXPERIENCE

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- Research Assistant, Neuromuscular Research Lab Spring 2021
- Senior Intern, Human Performance Lab, The College of New Jersey Spring 2021
  - 450-hour internship with capstone project
  - Assisted with research studies and assistant to junior research methods course
  - Recruited subjects, assisted with informed consent process, scheduled subjects research testing sessions, compiled review of literature, calibration of equipment, exercise test administration, data collection, and data input and analysis
  - Acquired the following human related and clinical related skills:
    - Medgraphics Metabolic Cart System, Force Plate, TENDO Unit, Vicon/Nexus 3D Motion Analysis, Bioelectrical Impedance Analysis, Vertec Vertical Jump System, Lange Skinfold, Finger Prick Blood Glucose and Lactate Analysis, Goniometry, Full Body Vibration Plate, Jamar Handgrip Dynamometry, Biodex Isokinetic Muscle Testing System, Manual Blood Pressure, Polar Heart Rate Monitor Analysis, SPSS Statistical Analysis Software
- Physical Therapist Aide, Ivy Rehab Physical Therapy, Pennington, N.J. 2020-2021
  - Assist patients with exercise instruction, measure physiological parameters, and educate about injury prevention