

2021 OAIC Annual Meeting Poster Presentation Guidelines

The Poster Session will take place Thursday, April 29 at 4:00 – 5:00 pm.

Abstract General Instructions

Type abstract, using appropriate format as the sample shows. Save abstract as a Word File. Abstract text (not including the title author block) is limited to 250 words. Abstracts must be printed using font Times New Roman and point size 11. Documents should be saved as: “(PepperCenter)_(Presenter’s Last Name)(Presenter’s First Initial)_2021”

Please use single space all typing on the abstract. The text of the abstract should start with a 3-space indentation. Tables are permitted. Abstracts must be sent as a Word File.

Underline names and initials of all authors and include full name, address, and email of the responsible author on the abstract form.

Examples of Abstract Format

Effects of Muscle Rehabilitation on Cardiovascular Fitness in Patients with Osteoarthritis

N.M. Fisher, V.D. Kame, Jr., D.R. Pendergast, Departments of Rehabilitation Medicine and Physiology, Wake Forest University, 14214, nfisher@example.gsa

Maximal aerobic power has been shown to decrease with age and to be even lower in patients with osteoarthritis (OA). Patients with OA have also been shown to have reduced muscle function. The purpose of the present study was to determine if patients with OA who underwent only muscle rehabilitation had improved cardiovascular fitness. The subjects were given a maximal grade d exercise test prior to and after 3 months of muscle rehabilitation. The exercise program consisted of isometric, isotonic, and endurance knee flexion and extension contractions, 3 times per week. Maximal strength and endurance improved significantly with this protocol. Maximal aerobic power increased from 13.0+/-2.5 ml*kg⁻¹ to 20.0+/-4.0 ml*kg⁻¹, while maximal walking speed increased from 2.5 mph to 3.0 mph and exercise time increased from 9.3+/-1.5 minutes to 14.3+/-3.2 minutes. Although maximal heart rate and systolic blood pressure (SBP) did not increase, the heart rate (15 b*min⁻¹) and SBP (20 mm Hg) at specific VO₂s was less. It would appear that the reduction in aerobic fitness of patients with OA is secondary to their reduced muscle function, and can be improved through muscle rehabilitation.

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Poster Requirements

Each poster should share the following:

1. Reflect a Pepper Center's current work
2. A Pepper Center's core structure
3. Work of a Junior Faculty member

This year's session will consist of electronic Poster Boards. More information will follow on those guidelines and requirements.

Each poster should submit an abstract to be included with the meeting packet. Abstracts including poster title are due no later than Monday, March 22, 2020 to the Coordinating Center email (peppercenter@wakehealth.edu). Be sure to include the title of the poster and who will be presenting at the annual meeting in the email.

All presenters will be contacted prior to the meeting. Presenting authors are expected to be available for discussion during their assigned poster session.