



Maitha Abdullah Aldokhayyil

POSITION: Assistant Professor

Personal Data

Nationality | Saudi

Date of Birth | Oct-29th.

Department | Physical Therapy

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Office Phone No. | 31330

Language Proficiency

Language	Read	Write	Speak
Arabic	✓	✓	✓
English	✓	✓	✓

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2020	PhD in Kinesiology (Emphasis: Exercise Physiology)	Auburn University	Auburn, AL, United States
2015	MSc in Kinesiology (Emphasis: Exercise Physiology)	University of Illinois at Chicago	Chicago, IL, United States
2010	BSc in Physical Therapy	University of Dammam	Dammam, Saudi Arabia

PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

PhD	Role of TNFR I Signaling in Racial Differences in Endothelial Function: Potential Modulatory Effect of High Laminar Shear Stress
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Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work			Date
Assistant Professor	Imam Abdulrahman Bin Faisal University	Dammam	Saudi Arabia	2021-present
Lecturer	University of Dammam	Dammam	Saudi Arabia	2016-2021
Teaching Assistant	University of Dammam	Dammam	Saudi Arabia	2010-2016

Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date

Scientific Achievements

Published Refereed Scientific Researches

(In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
1	Gomez DH, *Aldokhayyil M.	Can aerobic exercise alleviate the compound detrimental effects of age and Western diet on vascular function?	Journal of Physiology- 2021
2	Cook MD, Ling C, Grimm H, Adeyemo A, *Aldokhayyil M , Hefferenan K, Fernhall B, Brown MD.	Primary African American Endothelial Cells Exhibit Endothelial Dysfunction with an Exacerbated Inflammatory Profile and Blunted MMP-2 Activity.	Artery Research Journal- 2020
3	Cook MD, Anderson L, *Aldokhayyil M , Adeyemo A, Guinyard M, Brown MD.	Endothelial Dysfunction and Hypertension in African Americans: Overview of the Role of the Gut Microbiome.	American Journal of Hypertension Research- 2019

Refereed Scientific Research Papers Accepted for Publication

#	Name of Investigator(s)	Research Title	Journal	Acceptance Date



1	Ling C, Cook MD, Grimm H, *Aldokhayyil M , Gomez DH, Brown MD.	The Effect of Race and Shear Stress on CRP-induced Responses in Endothelial Cells.	Mediators of Inflammation Journal.	2021
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Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date
1	Gomez DH, *Aldokhayyil M , Yap KN, Rumbley MN, Kavazis AN, Brown MD, Robinson AT.	Mitochondrial respiration and redox protein expression in peripheral blood mononuclear cells from Non-Hispanic Black and White Males.	Experimental Biology Annual Meeting. Virtual. April 27-30, 2021.
2	Gomez DH, *Aldokhayyil M , Robinson AT, Brown MD. 2021	Racial differences in endothelial dysfunction: Does PP2A play a role?	Translational Science Conference. Virtual. March 30-April 2, 2021.
3	Gomez DH, *Aldokhayyil M , Robinson AT, Brown MD.	Racial differences in endothelial dysfunction: Does PP2A play a role?	Integrative Physiology of Exercise Meeting. Virtual. November 9-13, 2020.
4	Gomez DH, *Aldokhayyil M , Kavazis AN, Brown MD.	Role of PP2A in Racial Differences in Endothelial Dysfunction.	Experimental Biology Annual Meeting. San Diego, CA. Virtual. April 4-7, 2020.
5	*Aldokhayyil M , Gomez DH, Kavazis AN, Brown MD.	Racial Differences in p66shc Activity in Activated Endothelial Cells.	Experimental Biology Annual Meeting. San Diego, CA. Virtual. April 4-7, 2020.
6	Adeyemo AO, Gomez DH, *Aldokhayyil M , Kavazis AN, Brown MD.	Is the HBP Indicated in the Inflammatory Response to TNF- α .	Experimental Biology Annual Meeting. Virtual. San Diego, CA. April 4-7, 2020.
7	Gomez DH, *Aldokhayyil M , Adeyemo AO, Brown MD.	Can racial differences in endothelial dysfunction be explained by miRNAs?	ACSM Annual Meeting. San Francisco, CA. Virtual. May 26-30, 2020.
8	*Aldokhayyil M , Gomez DH,	Racial Differences in Selected Mechano-Sensitive miRNAs.	ACSM Annual Meeting. San Francisco, CA. Virtual. May 26-30, 2020.



	Adeyemo AO, Brown MD.		
9	Adeyemo AO, Gomez DH, *Aldokhayyil M, Brown MD.	Is the Hexosamine Biosynthesis Pathway affected by Inflammation in Endothelial Cells?	ACSM Annual Meeting. San Francisco, CA. Virtual. May 26-30, 2020.
10	Gomez DH, *Aldokhayyil M, Kavazis A, Brown MD.	Are There Racial Differences in Mitochondrial Respiration, Biogenesis and Function in HUVECs?	SEACSM Annual Meeting. Jacksonville, FL. February 13-15, 2020.
11	*Aldokhayyil M, Gomez D., Brown MD.	Preliminary data on the effect of high laminar shear stress on TNFR1 and adaptor proteins expression in endothelial cells.	Experimental Biology Annual Meeting. Orlando, FL. April 6-9, 2019.
12	*Aldokhayyil M, Ling C, Cook MD, Grimm H, Brown MD.	Racial Differences in CRP Receptor and Influence on eNOS Bioactivity and NO Production in Endothelial Cells.	Experimental Biology Annual Meeting. Chicago, IL. April 22-26, 2017.

Completed Research Projects

#	Name of Investigator(s) (Supported by)	Research Title	Report Date

Current Researches

#	Research Title	Name of Investigator(s)

Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1	Experimental Biology Annual Meeting	San Diego, CA. Virtual. April 4-7, 2020.	Poster presentation
2	ACSM Annual Meeting	San Francisco, CA. Virtual. May 26-30, 2020.	Poster presentation



3	Experimental Biology Annual Meeting	Orlando, FL. April 6-9, 2019.	Poster presentation
4	Experimental Biology Annual Meeting	Chicago, IL. April 22-26, 2017.	Poster presentation
5	IALHEA	University of Illinois at Chicago, Chicago, IL. April 12, 2017.	Poster presentation
6	AHA Research Day	University of Illinois at Chicago, Chicago, IL. Nov 16, 2016.	Poster presentation

Membership of Scientific and Professional Societies and Organizations

- American Physiological Society (APS) 2019-present
- American College of Sports Medicine (ACSM) 2019-present

Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Ethics of PT Profession	PT-419	5 lectures
2	Introduction to Physical Therapy Sciences	PT-215	3 lectures
3	Normal Development	PT-314	4 lectures
4	Clinical Practice III	PT-418	12 Clinical Days

Brief Description of Undergraduate Courses Taught: (Course Title – Code: Description)

Ethics of PT Profession (PT-419): This course is designed to allow students to develop a theoretical understanding of the ethical aspects of physical therapy as a career; and know the duties and rights of the physical therapists including the skills of handling patients and dealing with his/her colleagues.

Introduction to Physical Therapy Sciences (PT-215): This course introduces the field of physical therapy. Main topics include history, definitions, scopes, components and principles of physical therapy profession, professional behavior, and legal and ethical concepts affecting physical therapy practice.

Normal Development (PT-314): This course will provide students with the physiological changes which occur in different body systems from infancy through senility.



Clinical Practice III (PT-417): This course is developed to be a supervised clinical experience in evaluation and management of patients with medical and surgical neurological conditions in different clinical settings.

Postgraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1			

Brief Description of Postgraduate Courses Taught: (Course Title – Code: Description)

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Course Coordination

#	Course Title and Code	Coordinati on	Co- coordination	Undergra d.	Postgrad.	From	To

Guest/Invited Lectures for Undergraduate Students

#	Activity/Course Title and Code	Subject	College and University or Program	Date

Student Academic Supervision and Mentoring

#	Level	Number of Students	From	To
1	7th	5	2021	present

Supervision of Master and/or PhD Thesis

#	Degree Type	Title	Institution	Date

Ongoing Research Supervision

#	Degree Type	Title	Institution	Date



1	Undergraduate	The relationship between body fat mass and the cardiovascular response to autonomic stress in young healthy Saudi females	Imam Abdulrahman Bin Faisal University	2021-2022
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Administrative Responsibilities, Committee and Community Service (Beginning with the most recent)

Administrative Responsibilities

#	From	To	Position	Organization

Committee Membership

#	From	To	Position	Organization
1	2021	present	Member	Research and Graduate Studies Committee, CAMS, IAU.

Scientific Consultations

#	From	To	Institute	Full-time or Part-time

Volunteer Work

#	From	To	Type of Volunteer	Organization

Personal Key Competencies and Skills: (Computer, Information technology, technical, etc.)

1	Computer skills: Microsoft Office, SPSS, GraphPad Prism.
2	Lab techniques: Cell culture, qPCR, Western blotting.

Last Update

24/11/2021