

EMBRACE HIS LEGACY. CREATE YOUR OWN.

The goal of the McNair Scholar Program is to increase the diversity of the professorate. Over the last 9 years McNair Alumni have attained their Ph. D., M.D., DPT, MS, and MA in various disciplines.

Currently serving 33 students in 10 disciplines

| | | | |
|---|---|--|--|
| Health Sciences *Mishgan Abdullah *Saja Abid *Rana Faraj *Yuridia Olivera-Ortiz *Kia Smith Occupational Therapy *Lana Osorio | Biology *Abdo Boumitri *Carmen Caticchio *Michael Keller *Enas Muhammad *Christian Negron *Maitri Patel *Jamira Virk *Jamil Wilson | Engineering <u>Aeronautical</u> *Jammel McRae <u>Chemical</u> *Uchechukwu Obiako <u>Mechanical</u> *Nicholas Gehler | Psychology *Christina Adkins *Shalonda Swanson Pharmaceutical Sciences *Aicha Quamine Speech and Hearing *Taylor Moore *Celeste Thomas |
|---|---|--|--|

Introducing the 2016-2017 cohort

| | | | |
|---|--|--|---|
| Biology *Angelica Houston *Casey Iyasere *Wayne Nie *Solomiya Pushchack *Asma Saleh | Engineering <u>Electrical</u> *Victor Rosa Health Sciences *Nadet Najjar | Mathematics *Kimberly Schveder Nursing *Cyna Abid | Psychology *Sierra Bonifant Sociology *Ma'taya Hammond |
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Inside This Issue.

| Page 1 | Page 2 | Page 3 | Page 4 |
|--|------------------------------------|-------------------------------------|--|
| About the McNair Program Making Connections | McNair Alumni Scholar Spotlight | Summer Research Recent Graduates | We Moved! Scholars Say Become a Scholar Fall Events |

Making Connections.

The McNair Scholars Program helps our scholars make connections across the country with other fellow students and with professionals working in their field of interest.

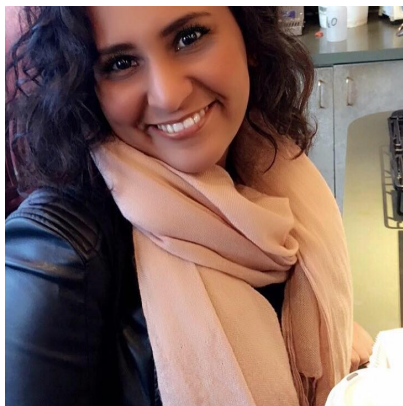
These connections help the scholars to accomplish their long term goals of getting into graduate school with strong recommendations, contributing to research within their field and making advancements in professional development.



These connections come from on campus research with faculty, the McNair Summer Research Institute, McNair Conferences, and research seminars. McNair Scholars can also connect with McNair Alumni in this virtual networking events!



Alumni Spotlight. Sara Al-Nimer.



Laozi, a prominent ancient Chinese philosopher and writer, once said, **“There is no illusion greater than fear.”**

At a point in my life, I was consumed by the fear of not having the right answers, or of not being intelligent or scholarly enough to conduct research or present it in public.

Scholar Spotlight. Christian Negrón.



I was born in Puerto Rico, raised in Pennsylvania, and came to Ohio for my undergraduate career.

I am planning to graduate in May, 2017 from Cleveland State University with my Bachelor of Science in Biology and a minor in Statistics. Then, I will be on to graduate school!

One thing I did not realize was that when I became a McNair scholar, I became a part of a family whose members build and support each other as they share a vision for advancement, scholarship, and leadership.

Being a McNair scholar was an imperative part of my personal and academic growth. It helped me to define my future goals, and most importantly, to conquer my self-doubt: something I did not realize it would do as a hard working undergraduate.

When I was accepted into the program as a junior, my major was Psychology, simply because I was interested in studying neurological disorders such as Attention Deficit Hyperactivity Disorder.

My experience as a McNair scholar in undergraduate studies helped me to widen my vision and to seek a unique interdisciplinary education.

The program helped me to view neurological disorders from a different perspective, and ultimately I refined the sculpture of my goals.

As a result, I graduated with a Bachelor of Science in Mathematics and a Bachelor of Arts in Psychology. I am currently a Graduate Assistant in the program, and I try my best to offer our scholars the support that I was once offered by the program’s staff and director.

Today, I’m a semester away from graduating with a Master of Science in Biomedical Engineering. I wouldn’t have been able to do it all without the support of the McNair Scholars Program. I couldn’t be any more excited!

Upon graduation, I plan to work for a couple of years in diagnostic imaging to gain some experience in the field. After that, I plan to further my education in a doctorate program that focuses on diagnostic neuroimaging.

My academic interests include epidemiology and cardiovascular disease in the Hispanic community.

Within epidemiology, I am interested in clinical trials involving biomedical statistics, using statistical models making use of inferential statistics to improve health issues such as myocardial infarction.

Since 2014, I have worked with Dr. Yuping Wu and Dr. Anne O’Connor at Cleveland State University. We have worked together in modeling the prediction of heart failure risk through Cox modeling and investigating the association between Triclosan in antibacterial products and Bisphenol A, respectively.

Last summer, I worked at Michigan State University with Professor Matt Reeves of the Department of Epidemiology and Biostatistics in the

Summer Undergraduate Physician-Scientist training Education and Research Program. It was an interesting experience working with Dr. Reeves on his research, which focuses on mortality and morbidity in cardiovascular disease, experiment designing, and frailty and stroke in the elderly.

The McNair Scholars Program has helped me obtain the necessary skills to undergo research in my field of interest. I have also benefited from the vast amount of networking opportunities the McNair Scholars Program has provided me, enabling me to have a network of support from professors at several academic institutions.

After graduation, I plan to continue my education with a dual degree medical program.

Summer Research.

Over the summer, scholars continued learning with the opportunity to conduct research with faculty mentors. After their summer work, the scholars presented their research at Poster Day on September 1, 2016, in the Student Center at Cleveland State University.

Saja Abid

The Effects of Superior Laryngeal Nerve Lesion on Swallowing Kinematics and Airway Protection at Cleveland State University in the Health Science Department with Dr. Andrew Lammers

Christina Adkins

Effect of Parental Communication on Adjustment of Typically Developing Children with an Atypically Developing Sibling at Cleveland State University with Dr. Ilya Yaroslavsky

Abdo Boumitri

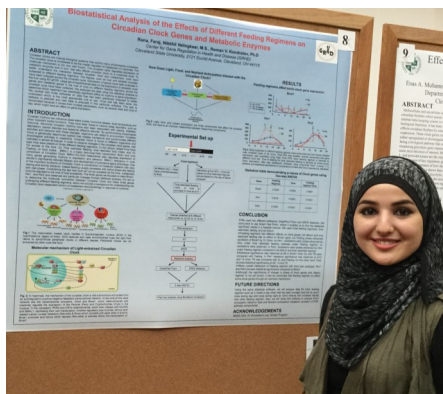
Effect of Hypoxic Conditions on Skeletal Myoblasts at Cleveland State University the Department of Biological, Geological and Environmental Sciences with Dr. Crystal Weyman

Rana Faraj (Pictured)

Bio-statistical Analysis on the Effects of the Circadian Clock and Glucose Genes on Different Feeding Regimens at Cleveland State University with Dr. Roman Kondratov

Nicholas Gehler

Computing Human Arm Stiffness for the Purpose of Robotic Simulation at Cleveland State University in the College of Engineering with Dr. Eric Schearer



Taylor Moore

Dialects, Accents, and Intelligence: A Study on Dialectical Perceptions at Cleveland State University in the Speech and Hearing Department with Myrita Wilhite Au.D, CCC-A

Enas Muhammad

Effect of Calorie Restriction on the Circadian Rhythms of Glycolytic Enzymes in Mice at Cleveland State University in the Department of Biological, Geological and Environmental Sciences with Dr. Roman Kondratov.

Lana Osorio

The use of iPad Pros as an Assistive Devices in Occupational Therapy at Cleveland State University with Dr. Glenn Goodman

Yuridia Olivera-Ortiz

The Identification of Anti-Cancer Molecular Targets of COX-2 Inhibitor Nimesulide at Cleveland State University in the Chemistry Department with Dr. Bin Su

Christian Negron

Clinical Predictors and Quality of Pre-hospital Care for Patients with Hemorrhagic Stroke at Michigan State University Department of Epidemiology and Biostatistics with Dr. Mat Reeves

Maitri Patel

Sequential and Dynamic RNA:RNA Base-Pairing Interactions Between U6atac and U12 snRNA Predicted to Form Helix 1a and Helix 1b at Cleveland State University in the Department of Biological, Geological and Environmental Sciences with Dr. Girish Shukla

Shalonda Swanson

How Does Educational Opportunities Influence Decisions for Nigerian Girls and the Society at Cleveland State University with Dr. William Morgan

Jamira Virk

Bioinformatics Analysis of the Sodium Hydrogen Exchanger Protein in Plasmodium at Cleveland State University with Dr. Sam-Yellowe

Moving Forward.

This past spring twelve McNair Scholars completed the next level in their education!

Doctor of Philosophy

Na'Tasha Evans has completed her Ph.D. in Community Health Education at the University of Toledo

Master's Degree

Audrianna Rodriguez has completed her Master of Arts in Clinical Community Psychology at the University of New Haven

Arielle Bowers has completed her Master of Science in Clinical Psychology at Cleveland State University

Monique Russell has completed her Master in Science Health Sciences at Cleveland State University

Bachelor's Degree Graduates

Brian Boccieri is pursuing a Doctorate in Physical Therapy at Youngstown State University

Anita Isom is pursuing a Masters in Clinical and Mental Health Counseling at Cleveland State University

Daniel Kulman is pursuing an M.D. at NEOMED

Khadeja Najjar is pursuing a Masters in Clinical Psychology at Cleveland State University

Teodora Nikova is pursuing an M.D. at NEOMED

Mofetoluwa Oluwasanmi will be pursuing a Masters of Public Health in Global Health at St. Louis University starting fall 2017

David Pendleton is pursuing a Masters in Electrical Engineering at Georgia Institute of Technology

Sokhna Seck is pursuing a Masters in Medical Physiology at Case Western Reserve University

TRiO

RONALD E. McNAIR
POST-BACCALAUREATE
ACHIEVEMENT PROGRAM

FALL 2016

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WE'VE MOVED!

Now located in the
Science and Research Building
Office 155

Scholars Say.

When asked what their favorite part of the McNair Program was, our scholars said...

"My favorite part of the McNair Program has been the summer research I was able to be a part of. I also love the educational and helpful monthly meetings."

"The fantastic support in getting exposure in national conferences, and getting involved in summer research!"

"Gaining experiences and forming connections in the field I wish to pursue."



"It has helped me expand my research experiences, and helped me develop professional public speaking skills when presenting research."

Monthly Workshops.

September: "You deserve to be here! Imposter syndrome and how to combat it on your educational journey." by CSU doctoral candidate and former McNair Scholars Program Graduate Assistant, Ashley Poklar, M. Ed.

October: Safe Space Training by Dr. Donald Allensworth-Davies

THIS IS A PLACE
TO THINK + DREAM +
MAKE + DO.

November: Graduate School Preparation, Funding and Application by Dr. Valli Sarveswaran

Coming up!

December 7 at 3:30p

December 8 at 11:30a

Choosing, Managing and Repaying Student Loans
by Michael Almony

Become a Scholar.

Although the Fall application deadline has passed, we accept applications all year long for new students wishing to become McNair Scholars.

To qualify students must either be:

- (1) first generation college students considered low-income according to federal guidelines
- (2) from ethnicities underrepresented in higher education.

Other qualifications include being enrolled at Cleveland State University, being a U.S. citizen or permanent resident, maintaining a minimum GPA of 2.8 through one's freshman and sophomore years, demonstrating academic potential for graduate study, and being interested in pursuing a Ph.D.

The application deadline is in October 2017 for acceptance to the 2017/2018 school year cohort. To apply, stop by the McNair office in the Science and Research Building (Office 155) and fill out a preliminary application to make sure you qualify. Then, complete the full application and supplemental documentation.



McNair Scholars receive financial assistance with GRE preparation, a text book stipend, research experience in the paid Summer Research Institute internship, and support for graduate school visits and application fee waivers, and graduate school fellowship opportunities.

We look forward to meeting you!

Visit us online:



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