

MCNAIR SCHOLAR NEWSLETTER
Fall 2014

Cleveland State University

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The McNair Scholars Program has been preparing undergraduate students for graduate school since 2007. Currently, there are several McNair Scholars that have graduated and are working towards obtaining a Doctorate Degree, MD /PhD, an MBA, and a Master's Degree. Each year the CSU McNair Scholars Program sponsors a Summer Research Institute (SRI). For eight weeks students participate in high quality research, a Graduate Record Exam (GRE) prep course, writing workshops and campus visits, which are designed to strengthen students' skill sets and prepare them for graduate study. This year, thirteen of our scholars worked diligently with their faculty mentors and the McNair staff to complete their research projects.

As the Fall semester continues, more McNair Scholars will apply to and be accepted into graduate programs and we wish them all plenty of success. With such a wonderful program as The McNair Scholar Program, it is a pleasure to assist students in obtaining the research, knowledge, and academic abilities they need in order to sustain a higher education. With continued financial and active support from Cleveland State University we are sure that our scholars will continue to be successful and benefit from the program. The McNair Scholars program is sponsored by the U.S. Department of Education and Cleveland State University.



TRiO

RONALD E. MCNAIR
POST-BACCALAUREATE
ACHIEVEMENT PROGRAM



Current McNair Scholars

<u>2014 Scholars</u>	<u>Major</u>	<u>Discipline Faculty</u>	<u>Non-Discipline Faculty</u>
Alberto, Andres	Biology	Prof. Paul Doerder	Mr. Prester Pickett
Al-nimer, Sara	Math& Psychology	Prof. John Oprea	Prof. Joshua Bagakas
Arias, Fernando	Electronic Engineering	Prof. Nigamanth Sridhar	Prof. Antonio Medina-Rivera
Brooks, Dominique	Biology	Prof. Kendra Pittman	Prof. Joanne Goodell
Bykov, Leon	Mathematics	Prof. Luiz Felipe Martins	Prof. Victor Matos
Call, Bethann	Health Sci Pre-Occ Thrp	Prof. Ann Reinthal	Prof. Paul Doerder
Caticchio, Carmen	Biology	Prof. Anthony Berdis	Prof. Anton Komar
Isom, Anita	Psychology	Prof. Linda Francis	Prof. Sucharita Adluri
Jones, Jillian	Health Sciences	Prof. Valentin Gogonea	Prof. Robert Krebs
Kulman, Daniel	Biology	Prof. Bin Su	Prof. Ulrich Zurcher
Nikova, Teodora	Biology	Prof. Barbara Modney	Prof. Hebat-Allah AN El Attar
Ndum, Nkemdilim	Biology	Prof. Yan Xu	Prof. James Chriss
Oluwasanmi, Mofetoluwa	Biology	Prof. Crystal Weyman	Prof. David Ball
Robinson, Samantha	Speech and hearing	Dr. Myrita Wilhite	Prof. Victoria Winbush

Congratulation McNair Alumni:

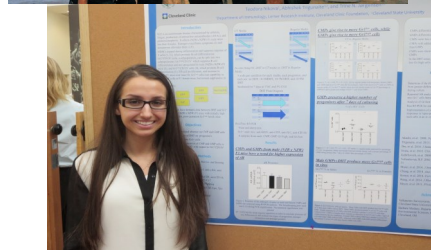
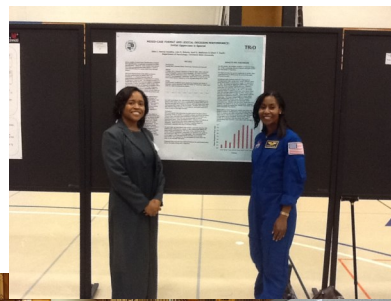
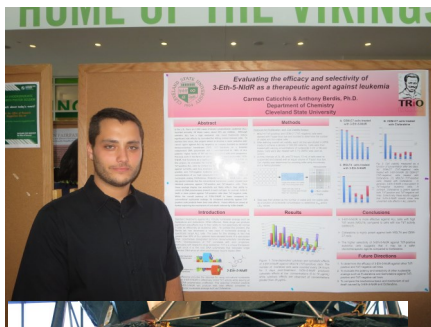
<u>McNair Graduates</u>	<u>Summer Research</u>	<u>Degree</u>
Ayana Wilson	Novel Role for MYOD as Sensor of DNA Damage	Pursuing Masters in Science at CWRU
Monique Russell	Defining and Analyzing a Food Desert	Pursuing Masters in Science at CSU
Jayleen Melendez	The Effects of the Path Crossover on Spatial Orientation	BA of Psychology & Sociology
Alexander Kariotakis	The Muscle Regulatory Transcription Factor MYOD Controls	BA of Science in BIO & CHEM
Arielle Bowers	Racial/Ethnic Disparities in Cervical Cancer Screening Behavior	Pursuing Masters in Science at CSU

Congratulations McNair Scholars



From the McNair Staff, we want to wish you the best in your future endeavours
Congratulations to the McNair Scholars of Spring 2104!!

Snapshots of McNair Scholars



Featuring McNair Graduates

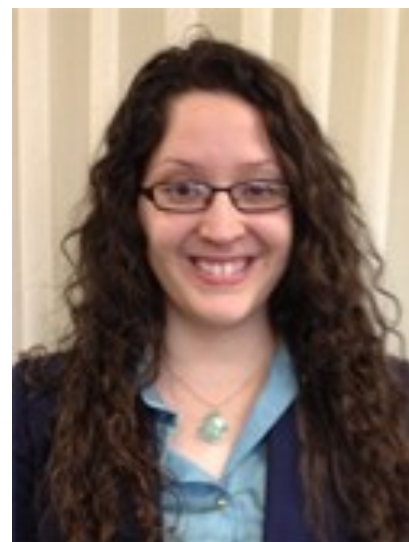


I am in the Master of Science in Medical Physiology program at Case Western Reserve University. The program is very intense and requires a great deal of dedication in studying and participating in departmental events such as seminars and conferences. I have learned how to study more efficiently, and have networked with students and faculty in my career field. By being at this institution, it is a crash course in learning how to balance all aspects of your life and in prioritizing your responsibilities. Most importantly, this program has intensified my desire to practice medicine.

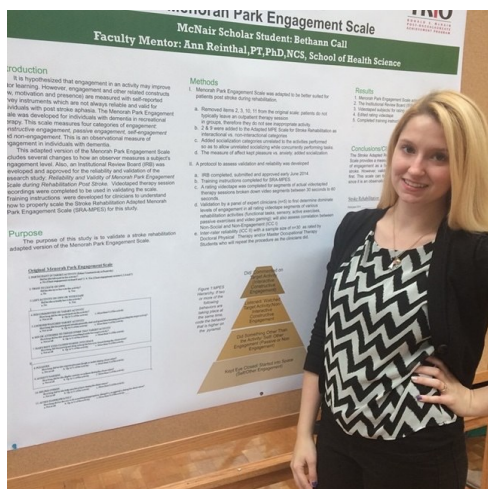
—Ayana Wilson

My current experience at the University of Toledo has been pleasant because I have been prepared with the tools and characteristics to be a great scholar, and I owe it to the McNair Scholars Program. I have been able to use many of the skills I have acquired through the many workshops that McNair has held. This has allowed me to take lead roles while working in groups, being able to understand the methods of research, and being confident in my abilities. I am excited to further continue my journey in my Doctoral program and I am glad that I was able to be a McNair Scholar, which not only allowed me to gain the necessary skills of being a good student, but also because it allowed me to earn a graduate assistantship.

—Astrid Hernandez



McNair Spotlight



Bethann Call recently got accepted into a Doctoral program in Occupational Therapy at the University of Toledo. Bethann is currently a senior in Health Sciences and she has successfully completed summer research with Prof. Ann Reinthal (Health Sciences) in summer 2014. She enjoys volunteering for the Cleveland Clinic Foundation at the Fairview location. Bethann current GPA is 3.9 and she stated her experience

in the McNair Program has been wonderful and exciting. She learned how to critically think and work harder in her achievements to become successful at fulfilling her goals.

Daniel Kulman successfully completed summer research with Prof. Bin Su (Chemistry) in Summer 2014. Dan recently had two articles published in peer reviewed journals. This year he was also awarded number of scholarships.

Journal Articles:

- ♦ Lama, R., Zhong, B., Kulman, D., Su, B. 2014. Bioassay guided identification of small chaperone proteins α -crystallin and Hsp27 inhibitors from Copaiba oil. *Phytochemistry Letters*, 10, 65-75.
- ♦ Zhong, B., Lama, R., Kulman, D., Li, B., Su, B. 2014. Lead optimization of dual tubulin and Hsp27 inhibitors. *European Journal of Medicinal Chemistry*, 80, 243-253.

Scholarships Granted:

- ♦ Honors Scholarship
- ♦ National Science Foundation STEM Scholarship
- ♦ Sigma Phi Epsilon Scholarship



What we Offer:

- ◆ Writing Workshops
- ◆ GRE Preparation Courses
- ◆ Graduate Schools Visits & Conferences
- ◆ IRB Workshops & More
- ◆ Summer Research Opportunities
- ◆ Textbook Benefits
- ◆ Graduate Application Waiver

Fall Events:

- ◆ MBTI Interpretation Workshop
- ◆ Professional Development Workshop
- ◆ CSU Poster Day
- ◆ Purdue Conference
- ◆ Cincinnati Conference
- ◆ Financial Literacy Workshop
- ◆ Preparing Professional Portfolio
- ◆ Wisconsin Conference
- ◆ Repaying Your Loans Workshop

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