



Cleveland State University

MCNAIR SCHOLARS PROGRAM NEWSLETTER

Volume 1, Issue 2, Spring 2010

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McNair Scholars

<i>Scholar</i>	<i>Major</i>
Apgar, Tracey L	Health Sciences
Benamon, Katrina	Speech and Hearing
Bradish, Leonard M	Physics
Chatmon, Anecia	Biology
Courtney Jr. Victor D	Psychology
Dhillon, Gurpreet	Nursing
Eady, William G	Biology
Evans, Na'Tasha	Biology
Gamarra, Juan	Pre-Pharmacy
Griffith, Kristen	Health Sciences
Hill, Dawneisha J	Psychology
James, Courtney	English
Jones, Jessica D	Physical Therapy
Kariotakis, Alexander	Biology
Lawong, Aloysus K	Chemistry
Lawong, Diane	Biology
Okwudi, Leigh O	Health Sciences
Reeves, Felita D	Anthropology
Robinson, Symone	Speech and Hearing
Schrader, Paul	Mathematics
Smith, Lorenzo D	Psychology
Sundberg, Albert R	Mathematics
Thai, Luyen T	Psychology
Villaire, Matthew A	Environmental Sciences

Welcome to McNair

Juan Gamarra - Pre- Pharmacy

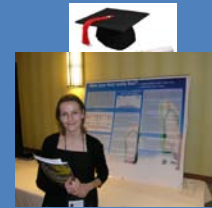
Katrina Benamon - Speech and Hearing

Courtney James - English

Diane Lawong - Biology

MCNAIR FALL 2009 GRADUATE

Congratulations to **MAGDALENA WILCZEK** who graduated in December 2009 from Cleveland State University.



Four McNair Scholars attended the MAEOPP Adult Leadership (TRiO: Answering the Call of Leadership) conference at St. Charles, IL from October 30 – November 1, 2009. The conference planning committee developed an informative, educational, and fun-filled weekend, designed to provide all participants with the fuel that will aid in inspiring them to reach their full potential.



MAJOR EVENTS AND ACTIVITIES FOR SPRING 2010

February 17, 2010 1:30-3:00 PM
MBTI Seminar. Location: MC 102
February 20, 2010
Cultural event: In the Heights
February 22 and 23, 2010 Session 1&2
Writing Intense Workshops.
 Location: RT 302/401
February 25 and 26, 2010 Session 1&2
Summer Research Institute Meeting
 Location: Urban 253/254
March 8, 2010 12:30-2:00 PM
Scholar meeting Location: MC 219
March 11-14, 2010
University of Maryland Research Conference Program.
March 15-21, 2010
Grad School visits
March 30, 2010 Session 1&2
Career Services Workshop
 Location MC 104

April 2, 2010 3:00-8:00 PM
Western Reserve Institute of Cooking.
 Location: Hudson, OH
April 7, 2010 1:30-3:00 PM
Funding Graduate School
 Location: MC 134
April 8, 2010 Session 1&2
IRB Workshop
 Location: UR 254
April 19 and 20, 2010 Session 1&2
Writing Intense Workshops
 Location: RT 302
April 29-May 2, 2010
University of Washington 18th annual Pacific Northwest McNair Conference
May 3, 2010 Session 1&2
Scholar meeting
 Location MC 219
May 7, 2010
McNair Social gathering

UPCOMING NATIONAL MCNAIR SCHOLARS CONFERENCES

University of Maryland, College Park, MD	Mar 11-14, 2010
University of Washington, Seattle, Washington	Apr 29 - May 1, 2010
University of Buffalo, Buffalo, New York	July 15-18, 2010
Pennsylvania State University, State College, PA	July 16-18, 2010

University of Wisconsin – Milwaukee Conference

Between November 6-8, 2009 seven CSU McNair scholars attended the 2009 University of Wisconsin – Milwaukee 18th Annual National McNair Research Conference and Graduate School Fair in Wisconsin.

The scholars had an opportunity to attend networking activities, workshops and their McNair peer's presentations. Aloysus, Magdalena, Luyen, Dawneisha, Jessica and Matthew presented their posters and Power Point presentations of their research findings.

The guest panels and esteemed speakers highlighted the importance of pursuing advanced degrees, strategies to seek funding, the need for research and ways to pick a faculty mentor at an institution.

Scholars had the opportunity to talk with recruiters from some of the country's top graduate schools. The scholars met and made new friends and connections that will assist them in their exploration of PhD programs that are the best fit and match for them.

McNair Word Finder

B	L	R	J	Q	S	T	O	Y	P	V	Y	K	C	M	
A	L	H	S	F	P	K	R	O	T	N	E	M	G	A	
S	M	Q	N	K	I	S	C	N	F	S	D	O	X	S	
S	S	V	O	I	H	J	O	O	G	T	Q	G	I	P	
I	T	I	I	V	S	Z	N	I	R	U	S	Z	N	I	
S	A	M	T	O	R	J	F	T	A	D	F	X	T	H	
T	T	I	A	K	A	O	E	C	A	D	I	B	C	E	S
A	E	H	T	C	L	J	R	C	U	E	Z	K	R	W	
N	M	C	R	R	O	F	E	I	A	S	X	Z	N	O	
T	E	R	E	C	H	H	N	L	T	N	T	Z	S	L	
S	N	A	S	B	C	F	C	P	E	Y	Z	S	H	L	
H	T	E	S	K	S	T	E	P	T	L	L	W	I	E	
I	O	S	I	O	Y	F	A	A	R	R	E	N	P	F	
P	Q	E	D	O	C	T	O	R	A	L	A	Z	S	S	
S	R	R	R	S	N	O	I	S	S	I	M	D	A	Q	

GRADUATE	ASSISTANTSHIPS	FELLOWSHIPS
DOCTORAL	STUDIES	STATEMENT
DISSERTATION	SCHOLARSHIPS	INTERNSHIPS
MENTOR	RESEARCH	CONFERENCE
ADMISSIONS	APPLICATION	

Accepting Applications Now!
Be a McNair Scholar
www.csuohio.edu/offices/mcnair

ALUMNI SPOTLIGHT

Chaucola Pleasant is working on a breast cancer gene research project under Dr. Girish Shukla.

Adam said "OSU is great. Graduate school turned out a little more challenging than I expected - I got 2 Bs last quarter. OSU has a great choice of classes for Computer Science students, many project-based classes. I am actually working on one of the projects right now".

Manjola replied, "Last semester went well for me, despite the fact that it was overwhelming because I had 6 classes. The instructors were amazing, friendly, loving, and always found some extra time to help me when I needed help. I absolutely enjoyed my first semester at Ursuline and continuing to enjoy my second semester, I feel welcome and part of the community. I was also happy with my grades considering the grading scale being much different from CSU, meaning more strict. I am also a member of SNUC (Student Nurses of Ursuline College). This semester I am taking 4 classes and I have started my clinicals. My clinical days are Friday's at Lakewood hospital in Geriatrics department. I am very excited now that I started clinicals, I enjoy every minute that I spend with different patients, and it is knowledge gaining and good experience."

BIRTHDAYS DURING THE SPRING...

If you see these scholars around, please wish them a fabulous birthday!

Na'Tasha Evans	January 21
Luyen Thai	January 28
Gurpreet Dhillon	February 7
Alexander Kariotakis	February 21
Dawneisha Hill	March 6
Leonard Bradish	April 7
Kristen Griffith	April 7
Paul Schrader	April 22



ALOYSUS LAWONG'S PAPER GOT PUBLISHED!!!

Highly nitrated cyclopropanes as new high energy materials: DFT calculations on the properties of $C_3H_{6-n}(NO_2)_n$ ($n = 3-6$)

Aloysus K. Lawong and David W. Ball

Department of Chemistry, Cleveland State University, 2121 Euclid Avenue, Cleveland, OH 44115, USA

Abstract

As part of a continuing study of new potential high energy materials, here we present results of calculations on cyclopropane molecules with three or more nitro groups. DFT calculations suggest that all molecules can exist as minimum-energy stationary states. Energy calculations indicate that some nitrocyclopropanes have a specific enthalpy of decomposition in excess of 8 kJ g^{-1} , suggesting that they be explored as new potential high energy materials.

Journal of Molecular Structure: THEOCHEM

Volume 916, Issues 1-3, 30 December 2009, Pages 33-36

Test Taking Tips for the GRE

By R. Lynn Vaughn

Learn 10 words a day for 30 days.

Make your own flashcards or buy a flip book to help increase your vocabulary. If you are feeling adventurous, make yourself a podcast of vocabulary words. Check out the master wordlist posted on our website: www.siu.edu/~mcnair.

Read, Read, Read. Reading the newspaper or your favorite author will help increase your reading speed and comprehension.

Memorize the directions for each section.

Save time on the test by knowing what to do in each section.

Know where you stand.

Visit the Educational Testing Services (ETS) website at www.ets.org. They offer several services that can help you prepare for the GRE. Use **Score It Now** to find out how your doing on the essay and use the **PowerPrep** software to take the GRE Practice Test. This will help familiarize you with the test format and show you where you can improve.

Basic Math.

Fill in key steps to your review with a high school math textbook. If you are still confused, ask your math whiz friend to help you with the tough problems.

Practice, Practice, Practice.

There's no way around it, you have to time yourself with each section by using previous tests. Check out the review sections at www.number2.com.

Undergraduate research/fellowship opportunities

National Science Foundation (NSF) - Research Experience for Undergraduates (REU)
(http://www.nsf.gov/crssprgm/reu/reu_search.cfm)

A complete database of NSF-REU sites. Search by research areas, states, disciplines

Research and training opportunities at NIH (<http://www.training.nih.gov/student/sip/>)
Summer internship program in biomedical research

The Nucleus (<http://www.compadre.org/student/research/browse.cfm>)
Searchable database; Summer opportunities for physics and astronomy undergraduates

American Mathematical Society (<http://www.ams.org/employment/reu.html>)
Searchable database; Summer research opportunities for math students

Research internships in Panama (<http://people.bu.edu/kwarken/>)
Summer opportunities in behavior, ecology and evaluation for undergraduates and recent graduates who are not in graduate school

AMGEN UCSD (<http://aep.ucsd.edu/amgen/>)
Summer opportunities in biological sciences and bio-engineering. \$3500 stipend, on-campus housing, board allowance, up to \$500 travel allowance

CEKA at Penn State University (http://www.ceka.psu.edu/ps_reu.htm)
Summer research opportunities in chemistry, biochemistry, molecular biology, crop and soil sciences, civil and environmental sciences, geosciences, energy and geo-environmental engineering, and material science and engineering

MUSC (<http://www.musc.edu/grad/summer/surp/>)
Juniors with GPA of 3.2 or higher; \$4000 stipend

Undergraduate Student Research Program – NASA (<http://usrp.usra.edu/>)
Sophomores, juniors or seniors with a 3.0 GPA
Academic major or course work concentration in engineering, math, computer science, or physical or life sciences

Amazon-PIRE (<http://amazonpire.org/oppo-field10.html>)
Exciting summer research opportunity involving field work in the Amazon



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