



“The Doctor”

McNair Scholars Program

Wichita State University

Division of Student Affairs

webs.wichita.edu/mcnair

March- April, 2005
Vol. 10No 3

• *PHD* • *DBA* • *JD* • *EdD* • *MD* • *DMus* • *DPH* • *PsyD* •

McNair Scholars Program Participates in National TRIO Day Celebration

February 16, 2005, marked the National TRIO Day Celebration: The Blueprint for a Lifetime of Success. Over 200 middle school, high school and college students came together with representatives from all of the Wichita State University TRIO Programs: Upward Bound/Wichita Prep, Upward Bound/Math and Science, Talent Search, Student Support Services, McNair Scholars Program, Disability Support Services, Educational Opportunity Centers, Kansas Kids @ Gear Up and the Office of Disability Services.

This was a day celebrating the accomplishments of the programs that motivate students to complete high school, enroll in postsecondary education and receive collegn life.

Guests from the university community, city officials, public school personnel, congressional



Accepting Applications for the 2005- 2006 Academic Year

The McNair Scholars Program is looking for new participants for the 2005- 2006 academic year. To be eligible for the Program, one must meet the following requirements: be a U.S. citizen or permanent resident, a full-time WSU student with at least second semester sophomore standing (not graduating in May 2006), have a minimum cumulative GPA of 2.75 or a 3.0 or better in the last 60 hours, and be eligible for federal TRIO programs. Students who are members of groups that are traditionally underrepresented in graduate education (i.e. African American, Hispanic/Latino and Native American/Alaskan Native) are encouraged to apply.

The Program is designed for students who are interested in pursuing a doctoral degree. The Program offers students the opportunity to interact with faculty members, explore the process of participating in scholarly research and attend local, regional and national conferences. The application period is **March 1- April 18, 2005**. Students may stop by the McNair Office, located in Grace Wilkie Annex, room 173 to pick up an application. **Faculty and staff may also contact the office with the names of potential candidates**



Grammatically Speaking

Writing an Abstract



Now that your literature review has been turned in, it is time to focus on the next step of your research: the abstract. “What are the essential elements of an abstract?” you may ask. Take a look at the following insightful information provided by the Writing Up Research website (<http://www.languages.ait.ac.th/el21abst.htm>).

Definition of an Abstract: A one-paragraph summary of your research, typically 100 to 200 words (word count varies depending upon the publication/conference to which the research abstract is being submitted).

An Abstract Should Briefly...

- Re-establish the topic of the research
- Give the research problem and/or main objective of the research
- Indicate the methodology used
- Present the main findings
- Present the main conclusions

Dissection of an Abstract:

Main Objective

The long-term performance of various systems was determined and economic aspects of solar hot water production were investigated in this work.

Methodology:

The effect of the collector inclination angle, collector area and storage volume was calculated.

Main Findings: It was found that the collector inclination angle does not have a significant effect on system performance. Large collector areas have a diminishing effect on the system's overall efficiency. The increase in storage volume has a detrimental effect for the small Q

“What you get by achieving your goals is not as important as what you become by achieving your goals.”

~ Zig Ziglar

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Now That I Know I'm Going to Tell You...

- ~ **I**t is okay to ask for help.
- ~ People change.
- ~ Honesty is the best thing for you, no matter how much it hurts.

Seth Perkins, Senior, Biology

- ~ **W**hen presenting do not wear uncomfortable shoes! People can really sense if you are relaxed and comfortable.
- ~ Making your most positive qualities shine will give you additional time to work on the things you would like to improve.

Elishewah Basting, Senior, Psychology

- ~ **P**ay for classes during the lunch hour because that is when no one is at tuition and fees!

David Diaz II, Senior, Music Education

- ~ **A**pplying to graduate school is so time consuming.
- ~ College and relationships do not mix. It's almost like drinking and driving!
- ~ College and bad hair days go hand in hand.
- ~ It is best to wait until your senior year to take the GRE so you know exactly what graduate schools you want to apply to. This will save you \$1000 per additional school you want the scores sent to.

Martecia Belk, Senior, Communications



The McNair staff wishes those
celebrating birthdays in
March, April & May
a Happy Birthday!

Martecia Belk - April 20
Elishewah Basting - May 6

Events to Come

M a r c h

- 4 Student Group Meeting
2- 3p.m., Room 206 HC
Connie Dietz,
Cooperative Education
"Portraying a Professional
Image"
Research Assembly Meeting
3- 4p.m., Room 206 HC
- 12 Faculty-led Seminar
10- Noon, Room 106 DV
Dr. Rhonda Lewis, Psychology
"What it Took to Receive My
Doctorate"
- 21 - 27 **Spring Break! Enjoy**

A p r i l

- 1 Student Group Meeting
2-3p.m., Room 206 HC
**Stephanie Hargrave &
Mary Benton, Psychology**
"Critical Thinking"
- 6- 8 MO-KAN-NE Conference,
Kansas City, MO. (Staff)
- 9 Faculty-led Seminar
10- Noon, Room 106 DV
Dr. Ken Pitetti
"Mentoring and Networking"
- 22 Wichita State University
Research and Creative Forum,
Hughes Metroplex

M a y

- 6 Student Group Meeting
2-3p.m., Room 206 HC
"Closing the Semester"
Research Assembly Meeting
3- 4p.m., Room 206 HC
- 10 Study Day
- 11 - 17 Final Exams
- 13- 14 Spring Commencement
- 30 Memorial Day - No Classes
- 31 Registration begins for Summer
Classes

Someone Like Me?

What do these young women have in common? All three received their PhD's in Mathematics from the University of Maryland at College Park in 2000, all at the same time. This is such a rarity. Data from the American Math Society show that there were only 12 math PhD's awarded to African Americans in the entire United States in 1998- 1999, the most recent data available. **Tasha Inniss, Kimberly Weems and Sherry Scott** are the first African American women to receive PhD's in Mathematics from the university since 1970 when the university awarded **Genevieve Knight** a PhD in Mathematics Education.

Tasha Inniss (left) received her bachelors degree at Xavier University, and her masters degree in Applied Mathematics from Georgia Institute of Technology. She is currently employed as a Clare Booth Lee Assistant Professor of Mathematics at Trinity College, Washington, D.C.. Inniss accredits her mother, who taught sociology at Florida A & M University grade math and has a mater's degree education. She never grew up with the nor were suppose to do math. There fostered and encouraged the love of and her grandfather, who taught 6th from Harvard, to believe in the value of impression that women could not do were many people around her who math.

Sherry Scott (middle) received her mathematics before heading for her bachelors of science degree in Assistant Professor of Mathematics at doctoral work. She is currently an visiting assistant professor in George Bowie State University and was also a department. Scott's mother, a Washington Universities statistics professor of education, encouraged and inspired her to pursue higher education and was taught "that the math had to be there if you wanted to succeed."

Kimberly Weems (right) received her bachelors from Spelman College and her masters from the University of Maryland College Park. She is currently a postdoctoral in statistics at North Carolina State University. Weem's interest in math began as a young child, where she would play after school in her mother's classroom, a middle school math and science teacher. Her mother always encouraged her receive e ds

McNair on The Move!

Meet Norma Campos

My name is Norma V. Campos and I am a senior in Aerospace Engineering. I was born in Wichita, Kansas, but grew up in Mexico. At age 19, I made the difficult decision of leaving my family and friends back home to come to the United States to pursue my dream of becoming an Aerospace engineer. I faced P A r i d r t d e c i v r e T b a g a g a g a g a g @

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Fastest Growing Occupations: Doctoral Degrees

According to the U.S. Department of Labor, below are the fastest growing occupations and the largest increases in employment between 2002- 2013 for occupations that require a doctoral degree.

Fastest Growing Occupations



Postsecondary Teachers (professors)



Computer and Information Scientists and Researchers



Medical Scientists except Epidemiologists



Clinical, Counseling and School Psychologists



Biochemists and Biophysicists