



HLC Accreditation 2016-2017

Evidence Document

Student Affairs

Office of Special Programs

Ronald E. McNair Post-baccalaureate Achievement Program

Additional information: See the home page of the McNair Scholars Program at Wichita State University at: <http://webs.wichita.edu/?u=holtfields&spo=ok> (Accessed March 18, 2016.)

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MCNAIR SCHOLARS PROGRAM

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Ronald E. McNair Post-baccalaureate Achievement Program

Welcome to the McNair Scholars Program website at Wichita State University. This Program prepares undergraduate students for graduate studies through involvement in research and other scholarly activities. For more information about joining the Program, please go to the ["Qualifications"](#) page.

The Program

The McNair Scholars Program encourages qualified college sophomores through seniors to pursue graduate studies. Named in honor of Challenger space shuttle crew member Ronald E. McNair, the Program provides services that prepare students for Post-baccalaureate study. In particular, students are encouraged to pursue doctoral studies in preparation for careers as college-level professors and researchers.

The McNair Scholars Program of Wichita State University is 100% funded by the U.S. Department of Education.

Mission Statement

The mission of the McNair Scholars Program is to encourage students who are underrepresented in high education to pursue post-baccalaureate degrees. The Program focuses on African-American, American Indian/Alaskan Native, Hispanic/Latino, and Native Hawaiian/Pacific Islander students. The Program concentrates on providing quality services that ensure participants graduate with bachelor's degrees from Wichita State University and improve their chances of entering post-baccalaureate study, and ultimately attain doctoral degrees.



IN THE NEWS

["The Doctor" Newsletter](#)

McNair Scholars Program
1845 Fairmount
Box 199
Wichita, KS 67260-0199
316-978-3139/316-978-3139
lawanda.fields



Ronald E. McNair

- Born October 21, 1950
- Died January 28, 1986
- Graduated from Carver High School, South Carolina in 1967
- Received a B.S. in Physics from North Carolina A&T in 1971
- Received a Ph.D. in Physics from Massachusetts Institute of Technology (MIT)

McNair Program Requirements:

- Have completed between 40 – 90 credit hours of college coursework (*sophomore, junior or senior standing*)
- Minimum 2.75 cumulative GPA or a 3.0 in the last 60 credit hours
- First-generation college student with limited income
- Belong to a group underrepresented in graduate education, including (*African American, American Indian/Alaskan Native, Hispanic/Latino or Native Hawaiian/Pacific Islander*)
- Be a U.S. citizen or permanent resident of the U.S.
- Desire to conduct scholarly research
- Desire to attend graduate school and obtain a doctoral degree



Serving students on the campus of Wichita State University for 20 years, 1995 - 2015

2016 - 2017

McNair Scholars

1. Alissa Bey
2. Kerisha Broadus
3. Nicholus Cox
4. Nephi Escobar
5. Jose Esquivel
6. Shawna Fitz
7. Joy Foster
8. Vera Gantt
9. Logan Gisick
10. Jesus Gonzalez
11. Alexis Grace
12. Kevontrez Jones
13. Khoi Lam
14. Sanjuana Martinez
15. Jasmine Mayorga
16. Brandon Moore
17. Rosa Palacio
18. Zachary Pearson
19. Elizabeth Ramirez
20. Nicole Ramirez
21. Veronica Ramirez
22. Timothy Rollings
23. Elvin Salerno
24. Martina Salerno
25. Tameasha Tisdale
26. Gabby Valverde
27. Anna Wray
28. Alvine Wetiba

PRE-M Academy (*pre McNair*)

The PRE-M Academy was established by the McNair Scholars Program to assist underrepresented freshman students interested in STEM fields make a successful transition into college and become acclimated to campus life. PRE-M is set up to help students be successful in their chosen academic fields and prepare for graduate school by participating in the McNair Scholars Program starting their sophomore year. There are monthly meetings facilitated by faculty members to assist these students. The meetings are as follows:

- Financial Literacy
- How to be Successful in STEM disciplines
- The Job Outlook for STEM Fields
- Graduate Education in STEM Fields

For more information contact the McNair office at 316-978-3139 or <http://www.wichita.edu/mcnair>

Application Period: March 1 – April 18

The McNair Scholars Program is accepting applications for the 2016 – 2017 academic year. If you know of any students who would benefit from the services and resources provided through the Program please share their names with us or encourage them to contact our office.

The application process requires that students secure three letters of recommendation as well as articulate their ideas for scholarly research. This is where you come in. Please let them know that you are there to help and support them through this process. As faculty members, we feel that you are the best gauge of students who might benefit from and be successful as participants of the McNair Scholars Program and as potential graduate students.

Applications can be picked up from the McNair Office: 173 Grace Wilkie Annex or the McNair website:

<http://www.wichita.edu/mcnair>

Wichita State University does not discriminate in its programs and activities on the basis of race, religion, color, national origin, gender, age, sexual orientation, marital status, political affiliation, status as a veteran, genetic information or disability. The following person has been designated to handle inquiries regarding nondiscrimination policies:

Executive Director, Office of Equal Employment Opportunity, Wichita State University, 1845 Fairmount, Wichita KS 67260-0138; telephone (316) 978-3186.



2016 – 2017 Research Mentors (*returning mentor)

Elizabeth Behrman, PhD* - Physics
 Gary Brookings, PhD - Biomedical Engineering
 Keith Gray, PhD - Geology
 Nils Hakansson, PhD* - Industrial and Manufacturing Engineering
 Eveline Ndi Kalomo, PhD - Social Work
 Rhonda Lewis, PhD* - Psychology
 Anil Mahapatro, PhD* - Industrial and Manufacturing Engineering
 Evan Palmer, PhD* - Psychology
 Kyrah Steward-Brown, PhD* - Psychology
 Yimesker Yihun, PhD - Mechanical Engineering

McNair Staff:

LaWanda Holt-Fields, *Director*
 Ashley Cervantes, *Program Counselor*
 Neshia Greene, *Senior Administrative Assistant*

173 Grace Wilkie Annex
 316-978-3139
mcnairscholars@wichita.edu
<http://www.wichita.edu/mcnair>

Thank you for your support of the McNair Program and the students we serve.

2015 – 2016 Mentor Spotlight

Dr. Nils Hakansson, PhD, is the principal investigator in the Human Biomechanics and Design Lab at Wichita State University where students examine movement, analyze real world situations and offer insight on how to prevent injuries, improve performance, and enhance mobility.



This lab offers hands on experience allowing students to create their own studies and apply knowledge they have gained from college to real world situations.

This is the second year Dr. Hakansson has worked with the McNair Program, mentoring two students and co-mentoring another: **Gabby Valverde, Sanjuana Martinez** and **Khoi Lam** who have nothing but great things to say about Hakansson's help and support.

Hakansson's research includes: Musculoskeletal biomechanics, computer modeling and simulation of human movement, rehabilitation engineering and technology, functional electrical stimulation, and neuromuscular control and coordination of human movement.



McNair Informational
Wednesday, March 30, 2016
11:30 am – 12:30 pm
Heskett Center, Room 133
RSVP to 978-3139
(lunch will be provided)

Research Component:

The Research Component is a yearlong experience that provides an opportunity for academically prepared juniors and seniors to engage in high-quality research with WSU faculty who possess doctoral degrees.

Faculty will assist and provide guidance in developing an original undergraduate research project. In some cases, the scholar may assume responsibilities on the faculty member's research team.

The research emphasis is placed on the identification of research problems and data collection, including laboratory experiments, statistical data analysis and the development of writing skills needed to produce a technical research report and be prepared to present findings in an oral and poster format at the annual Closing Symposium.

Scholars will complete a minimum of 200 hours of research work by the end of the summer and receive a stipend of \$2,800.

Scholars also have the opportunity to present at regional and national McNair conferences.

