Program Abstract

The Ronald E. McNair Post-Baccalaureate Achievement Program at New Jersey Institute of Technology (NJIT) prepares low income, first generation and underrepresented students who are enrolled full-time in the Newark College of Engineering, the College of Science and Liberal Arts, the College of Computer Science and the Albert Dorman Honors College for doctoral study. McNair Fellows will be engaged in cutting-edge research and other scholarly activities with Faculty Mentors from their academic departments. Results of their research projects will be presented at professional meetings and conferences and published in peer review and other professional journals. Additionally, McNair Fellows will participate in a wide array of workshops and activities to prepare them for doctoral study. The primary goal of the McNair Achievement Program is to increase the number of United States scientists, engineers and mathematicians who come from economically disadvantaged backgrounds. McNair Fellows will be selected in their junior year of study. All junior McNair Fellows are required to participate in an intense Summer Research Institute (SRI), the summer prior to their senior year. Senior McNair Fellows will be required to apply to national undergraduate research programs. All Fellows will continue their research projects during the year, and apply to and enroll full-time in graduate school immediately after graduating with bachelors’ degrees from NJIT. McNair Fellows may pursue their post baccalaureate study at any higher education institution in the United States. However, the McNair Achievement Program is responsible for tracking the academic and career accomplishments of all Fellows after they graduate from NJIT.
Program Fact Sheet

**HOW CAN I BECOME INVOLVED IN THE MCNAIR ACHIEVEMENT PROGRAM @ NJIT?**

- Full-time enrollment in the Newark College of Engineering, College of Science and Liberal Arts, the College of Computer Science and/or Albert Dorman Honors College.
- Junior or Senior status.
- Interest in pursuing a masters and/or Ph.D. in Science, Technology, Engineering or Mathematics on a full-time basis, immediately upon graduation from NJIT.
- A minimum cumulative GPA of 3.20.
- Be a citizen, national or permanent resident of the United States.
- Meet the current financial criteria established by the Federal TRIO program.
- Meet the first generation and low-income guidelines or underrepresented status established for the McNair Achievement Program at by the Federal TRIO program.

**WHAT'S NEXT?**

- Attend an interest session to learn more about the McNair Achievement Program.
- Complete an application package and return it to the McNair Achievement Program Office.
- Participate in a formal selection process.
- Obtain and complete an acceptance package.
- Select a professor with whom to conduct research.

**WHAT ARE MY RESPONSIBILITIES IF ACCEPTED?**

- Submit a brief (half page) research abstract and bio sketch in hard copy and electronically.
- Work with a professor on a research project.
- Turn in a biweekly time sheet to the McNair Achievement Program Office.
- Attend all mandatory meetings, seminars and workshops.
- Present research at national meetings/conferences and the McNair/Undergraduate Student Research Symposium.
- Submit a Research Project Interim Report to your Faculty Mentor by January 31st.
- Submit a final paper, 7 to 10 pages, on the results of your research project by May 31st.
- To apply for the Summer Research Institute (SRI) at the completion of the sophomore year.

**WHAT ARE SOME OF THE BENEFITS OF THE MCNAIR PROGRAM?**

- Solid preparation for doctoral study in Science, Technology, Engineering and Mathematics (STEM) fields.
- Monetary reimbursement for your research.
- An opportunity to work "up close and personal" with a research professor.
- Opportunities to partake in teaching internships and workshops.
- Opportunities to attend/present at professional meetings/conferences with a Faculty Mentor.
- Advice and assistance with the graduate school application process.
- Support services such as counseling, career guidance and mentoring.
- Access to national fellowships, grants and assistantships for graduate study.
- An opportunity to become the Outstanding Undergraduate McNair Researcher and be recognized at annual Spring Awards Ceremony at NJIT.
- Opportunity to publish in a conference peer review journals in your academic field.
Please Read Carefully. This Application Packet Contains:

1. Program abstract
2. Program fact sheet
3. Application form and directions for completing the application
   a. Application
   b. Personal Statement
   c. Financial need assessment form
   d. Letter of recommendation
   e. Unofficial transcript

APPLICATION MATERIALS CHECK LIST

___ Complete application
___ Personal statement (form included)
___ Current tax year 1040/1040 EZ tax forms
___ Financial need assessment form
___ Academic year financial aid award letter
___ Unofficial transcript
___ Two letters of recommendations (forms included)

Note: Two recommendations are required. One should be from a faculty member in your major who knows you well and who can discuss your academic strengths and potential for graduate study. The other letter should be from any faculty member in your general studies course, or an administrative staff member.

Fall Application deadline November 30th, Summer March 23rd, Please submit completed application packet to Zara Williams in the McNair office. The McNair office is located in the Campus Center 3rd floor, room 388.

For questions and / or additional information please feel free to contact:

Ms. Zara Williams
Assistant Director/Counselor
Ronald E. McNair Postbaccalaureate Achievement Program
Campus Center, Room 388
Tel: (973) 596-5590, Fax: (973) 596-5201
Program Application

Return to:
Ronald E. McNair Postbaccalaureate Achievement Program/NJIT
150 Bleeker Street, Campus Center, Room 388
University Heights
Newark, NJ 07102-1982

Name: ___________________________________________  NJIT-SID_______________________________________

Application For: ______________School Year Term: Academic ______________ Summer: ________________

Gender: [ ] Male  [ ] Female Date of Birth: ___/___/____ Email Address:__________________

Local Address: ________________________________________________________________

City: ___________________________ State: _______________ Zip: ___________________

Permanent Address: _____________________________________________________________

City: ___________________________ State: _______________ Zip: __________

Telephone Number: Day (____) _________ Evening (____) _________

Place of Birth: ___________________________________________________________________________________

(City)  (State)   (Country)   (Zip)

Parent or Legal Guardian: __________________________________________________________

Father: Elementary [ ] High School [ ] Some College [ ] Bachelor’s Degree [ ] Graduate/Professional Degree [ ]

Mother: Elementary [ ] High School [ ] Some College [ ] Bachelor’s Degree [ ] Graduate/Professional Degree [ ]

ARE YOU A FIRST GENERATION COLLEGE STUDENT?    YES _____   NO_______
(First–generation college student: neither parent has a bachelor’s degree, or, if you regularly resided with and receive
support from only one parent, that parent did not complete a bachelor’s degree

HAVE YOU PARTICIPATED IN: Upward Bound____ SSS____ Talent Search___ Other__________
If Yes, when and where? ______________________________________________________________

IF YOU ARE AN INDEPENDENT STUDENT: Including yourself, how many people are in your household? ______

IF YOUR PARENTS CLAIM YOU AS A DEPENDENT:
Parent Name(s) ___________________________________________________________________________ ________
Including you, how many people are in your household? ______

ARE RECEIVING FINANCIAL AID?    YES_____    NO______
If yes, specify type of aid___________________________________________________________________________

US Citizen [ ]  Permanent Resident [ ] (Alien# A____________________)   Residency: NJ [ ]   Out of State [ ]

Ethnic Background: African-American [ ] Asian [ ] Hispanic [ ] Native-American [ ] White [ ] Other__________
Academic Information

Date you began college: Month________________________ Day__________________ Year_____________________

Major ________________________________ Research Area of Interest___________________________________

Minor, Specialization or Dual Major___________________________________________________________________

High School attended_______________________________________________________________________________

Total College Credits Earned_______________________ Anticipated Graduation Date__________________________

Semester GPA___________ Cumulative GPA____________

Have you previously applied to this program before? Yes_____ No______
If yes, when? _____________________________________________________________________________________

Are you currently a McNair Scholar from another institution? Yes_____ No______
If yes, when and where______________________________________________________________________________

Have you participated in ANY undergraduate research programs? If yes, please explain research responsibilities/ duties, and outcome below.

______________________________________________________________________________________________

The McNair Programs’ main objective is to increase the number of underrepresented students producing Ph.D.’s. Do you plan to apply to graduate school? Yes_____ No_____

If no, what degree are you seeking? ____________________________________________

Which Standardized Test will you take for admissions into graduate/professional program?

___ Graduate Records Exam (GRE)

___ Graduate Management Test (GMAT)

___ Law School Admission Test (LSAT)

___ Medical College Admission Test (MCAT)

___ Other (Type: ________________________)  

List the name and address of two people (outside of your home) who will know your whereabouts upon graduation:

Name_________________________________ Name___________________________________

Address_______________________________ Address_________________________________

Address_______________________________ Address_________________________________

Telephone #____________________________ Telephone #______________________________
I hereby certify that all this information is accurate to the best of my knowledge.

Signature of Applicant: ___________________________________________ Date: _______________________

For Official Use

Eligible: [ ] Yes [ ] No

Status: [ ] Low Income
[ ] First-generation
[ ] Underrepresented
INSTRUCTIONS: Complete form and return to the address below.

FINANCIAL AID OFFICE: VERIFICATION OF FAMILY INCOME.

I AUTHORIZE THE STUDENT FINANCIAL AID OFFICE AT ____________________________ YOUR UNIVERSITY TO RELEASE INCOME TAX INFORMATION, NEED ANALYSIS AND VARIOUS FINANCIAL AID INFORMATION. TO THE RONALD MCNAIR POST-BACCALAUREATE ACHIEVEMENT PROGRAM AT THE NEW JERSEY INSTITUTE OF TECHNOLOGY.

________________________________________                  ______________________
Print Student’s Name                      Social Security Number

(Information Below To Be Provided By Your Financial Aid Office)

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<th>Award</th>
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<td>Need of Student</td>
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The official confidential statement in the Financial Aid Office shows the taxable family annual income and family size for the above named student to be $_______________ and ____________, respectively.

Income                         Family Size

________________________________________                  ______________________
Printed Name of Financial Aid Official                      Signature of Financial Official
Personal Statement of Purpose

Use the space below to type several paragraphs concerning your academic and career goals and aspirations, including your short-term, mid-term, and long-term goals. Please comment on your plans for graduate school, your intended major, why you want to attend graduate school and how the Ronald E. McNair Post-baccalaureate Program will help you achieve these goals. Also include why you are interested in pursuing a Ph.D. Use additional sheets if necessary.

Applicant’s Name______________________________
Faculty Mentor Recommendation Form

Please use this form to write your recommendation:
Recommendation should address student’s initiative, ability to engage in high quality research, and potential for enrolling in and completing a master’s and/or doctorate degree.

Student’s Name: ____________________________________________________________

Professor’s Name: ___________________________ Signature: _______________________

Academic Department: ___________________________ Phone: _______________________

E-mail Address: ___________________________ Date: _______________________
