**McNair by the Numbers**

26  
Total number of students served

10  
Research projects presented

10  
Universities visited through Graduate School Tours

44%  
Graduating seniors continuing to graduate school in Fall 2018

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**Scholars on the Map**

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**Ronald E. McNair Post-Baccalaureate Achievement Program, PY 17-18 Report**

<table>
<thead>
<tr>
<th>Sample Semester Workshops</th>
<th>Sample SRI Workshops</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pop-Up Workshop: Tutoring with the A-LEC</td>
<td>Career Exploration with Hegi Career Center</td>
</tr>
<tr>
<td>Financial Literacy Series: Personal Finance, Loan Counseling,</td>
<td>Personal Statement Writing Workshop &amp; Critique with Dr.</td>
</tr>
<tr>
<td>Financing Graduate School Education</td>
<td>Paige Ware</td>
</tr>
<tr>
<td>Designing Your Life Series: Choosing Graduate Programs &amp;</td>
<td>Scholarships &amp; Fellowship Opportunities at SMU with Office</td>
</tr>
<tr>
<td>Careers</td>
<td>of National Fellowships and Awards</td>
</tr>
<tr>
<td>Presentation Basics with Engaged Learning</td>
<td>Building Professional Networks, Roundtable with Faculty</td>
</tr>
<tr>
<td>Conference Prep: Mock Presentations</td>
<td>Mentors</td>
</tr>
</tbody>
</table>

**Summer Research Institute 2018 Overview**

<table>
<thead>
<tr>
<th>Number of Scholars</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Workshops</td>
<td>13</td>
</tr>
<tr>
<td>Hours of Research Conducted</td>
<td>1600 Hours</td>
</tr>
<tr>
<td>Number of Research Methods Class Sessions</td>
<td>22</td>
</tr>
<tr>
<td>Graduate Schools Visited</td>
<td>New York University &amp; Columbia University</td>
</tr>
</tbody>
</table>

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**McNair by Discipline**

- STEM: 13
- Social Sciences: 1
- Arts & Humanities: 2

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**McNair by SMU School**

- Meadow School of the Arts: 3
- Cox School of Business: 2
- Dedman School of Arts and Sciences: 1
- Lyle School of Engineering: 2
- Simmons School of Education & Human Development: 2
Conference Attendance
- National McNair Scholars Research Conference, Washington, D.C.
- SMU Research Day, Dallas, TX
- SMU Engaged Learning Fall Symposium, Dallas, TX
- APA Division 45 Biannual Conference, Austin TX

Graduate School Visits
- Yale University
- Vanderbilt University
- Watkins College of Art
- Georgetown University
- George Washington University
- American University
- New York University
- Columbia University
- UT Southwestern

Graduate Programs Attended by Spring ’18 Graduates
- MA Clinical Psychology, Columbia University
- MA Higher & Postsecondary Education, Columbia University
- MA Foreign Language Education, New York University
- MA Bilingual Education, Southern Methodist University

Affiliated SMU Research and Honors Programs
- Engaged Learning Fellow
- Rotunda Scholars Program
- Hunt Scholars Program
- Departmental Distinction (English)
- Departmental Distinction (Spanish)

Publications
“Associations between Microaggression and Adjustment Outcomes: A Meta-Analytic & Narrative Review” - APA Psychological Bulletin
Lucia Quezada ’18, Major: Psychology, Mentor: Dr. Priscilla Liu – Psychology

17-18 Research Projects & Faculty Mentors
The Synthesis of a Carbapenem Antibiotic with Siderophore Receptors to Serve as an Alternative Antibiotic Pathway against Pseudomonas Aeruginosa
Siddhakshi Solanki ’20, Major(s): Biochemistry, French, Mentor: Dr. John Buynak – Biochemistry

Demographic Trends in U.S. School Shooting Fatalities, 1999-2018
Cheyenne Murray ’19, Major(s) History, Sociology, Human Rights, Mentor: Dr. Rick Halperin – Human Rights

Arts & Culture in Dallas: Processes of Community Engagement
Mariana Gonzalez ’19, Major: Studio Art, Mentor: Lauren Woods – Art

Using Technology to Save Lives from Cervical Cancer
Kaitlyn Contreras ’20, Major(s): Health and Society, Human Rights, Spanish, Mentor: Dr. Eric Bing – Global Health

Reviewing India’s Violence Against Women Laws and Culture
Sadiya Patel ’19, Major(s): Human Rights, International Studies (Asia Focus), Mentor: Dr. Josephine Caldwell-Ryan – Women and Gender Studies

Racial Microaggression and Adjustment: A Meta-Analytic Review
Lucia Quezada ’18, Major: Psychology, Mentor: Dr. Priscilla Liu – Psychology

The Influence of Different Teaching Methodologies on Spanish Heritage Students at Southern Methodist University
Natalia Arce ’18, Major: Spanish, Mentor: Dr. Gabriela Vokic – Spanish Linguistics

Language Ideologies and Attitudes towards Spanish among In-Service Bilingual Teachers in North Texas
Liliana Mata ’18, Major(s): Art, Education, Mentor: Dr. Diego Roman – Education, Teaching & Learning

I’m Not Lucy Liu: Solo Performance as a Voice for the Voiceless
Jessica Ma ’18, Major: Theater, Mentor: Dr. Gretchen Smith – Theater

Conceptualizing a Carbon-Capturing Drone
Anthony Garcia ’18, Major: Psychology, Mentor: Dr. Duncan MacFarlane - Engineering