# McNair Scholars' Research Symposium Fall 2017

## Monday, Dec. 11

<table>
<thead>
<tr>
<th>Time</th>
<th>Presenter/Title</th>
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<tbody>
<tr>
<td>3:30 PM</td>
<td>Welcome—Prof. Evans</td>
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</table>
| 3:35 PM | Kaolee Yang  
Mathematics - Statistics  
*Modeling Wind Speed Distribution Using Skewed Probability Distribution Functions: A Monte Carlo Simulation with Applications to Real Wind Speed Data* |
| 3:55 PM | Michael McDonnell  
Physics and Mathematics  
*2S-nP Hydrogen Spectroscopy* |
| 4:20 PM | Adrian Abundez-Arce  
Computer Science - Software Engineering  
*Body Language: Learning Language Through Motion* |
| 4:45 PM | Sierra Lomo  
Bachelor of Fine Arts - Illustration  
*Using a Textless Visual Narrative to Depict the Impact of Industrialized Agriculture in the Midwest* |
| 5:10 PM | Chantal Bougie  
Kinesiology - Human Performance Emphasis  
*Effect of two equipment load bearing strategies on low back discomfort in on-duty police officers* |

## Tuesday, Dec. 12

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| 3:35 PM | Dua Ci Khang  
Secondary Education - History and Sociology Emphasis  
*Critical Race Theory and the Effects on Students of Color in the Public Education System* |
| 3:55 PM | Jackson Yang  
Secondary Education - History  
Asian American Masculinity in Hegemonic White Masculine Society: Hmong-Men Perspectives |
| 4:20 PM | Josephine Fudally  
Psychology  
*Individualizing Early Math Intervention: Employing a Self-Monitoring Component* |
| 4:45 PM | Rachel Douglas  
Elementary Education (MECA)  
*Literature Review - At Risk Students' Academic Self-Efficacy and Achievement* |

## Wednesday, Dec. 13

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| 3:35 PM | Hayden Nelson  
History  
*Cahokia: Reshaping the Future by Relearning the Past* |
| 3:55 PM | D'Karlos Craig  
Sociology  
*How Perceptions of African American Males Affect Educational Achievement at a Predominately White Campus* |
| 4:20 PM | Alexandra Sueldo  
Biology  
*Determining the Effects of Commercial Fishing on Fish Reaching Reproductive Maturity in the Galapagos Islands Marine Reserve* |
| 4:45 PM | Fatou Kebbeh  
Biochemistry and Molecular Biology  
*Flourescence DNA Labeling* |
| 5:10 PM | Kayla Budd  
Ecology and Environmental Biology  
*Sharks and Fisheries: My Research Experience in the Galapagos Marine Reserve* |

Please join us in the Ojibwa Ballroom, Davies 330B, for the talks and light refreshments.