The purpose of this questionnaire is to gather information which will help REU staff better accommodate your goals, interests and background, and help document program outcomes. Your responses to the questionnaire are anonymous. You do not have to answer all of the questions, but your help is greatly appreciated.

SECTION 1 – Please check the appropriate box for the following questions.

1. Gender:  
   - Female - 8  
   - Male - 6

2. Ethnicity:  
   - Hispanic or Latino - 1  
   - Not Hispanic or Latino - 13

   Race:  
   - American Indian or Alaskan Native  
   - Black or African American - 1  
   - Native Hawaiian or Pacific Islander  
   - Asian - 1  
   - White - 11

3. My department:  
   - Polymer Science - 9  
   - Polymer Engineering - 5

4. This past year, I attended:  
   - a community college  
   - a 4-year non-research college - 6  
   - a 4-year research university - 8

5. How many years of post-secondary education have you completed?  
   - None  
   - One year  
   - Two years - 5  
   - More than two years - 8

6. Does either of your parents work in the field of math, science or engineering?  
   - Yes - 5  
   - No - 9

7. Before attending the REU, how much research experience have you had in a research laboratory?  
   - None - 8  
   - One quarter, one semester, or one summer - 2  
   - Two quarters, two semesters, or one year - 3  
   - More than one year - 1

8. What was your primary reason for applying to the REU?  
   - Gain research experience - 11  
   - Learn about polymers - 2  
   - Work closely with faculty - 1  
   - I plan to major in this field  
   - An instructor/professor suggested it  
   - A friend of mine suggested it  
   - Increase my chances to get into graduate school  
   - Increase my chances to obtain a job in this field  
   - Other (Please describe): Make Friends

9. At this time, what is the highest level of education you plan to achieve?  
   - Associate of Arts (AA) or vocational degree  
   - Bachelors Degree - 1  
   - Masters Degree - 1  
   - Doctorate - 10  
   - Bachelors Degree, some graduate work  
   - Masters Degree, some work toward doctorate - 1  
   - Other (Law degree, Medical doctor)

SECTION 2 – Please tell us how much you know about the following categories by circling one number for each.

<table>
<thead>
<tr>
<th>Category</th>
<th>Hardly Anything</th>
<th>Not Too Much</th>
<th>Some</th>
<th>Lots</th>
</tr>
</thead>
<tbody>
<tr>
<td>10. Polymers</td>
<td>1-2</td>
<td>2-8</td>
<td>3-2</td>
<td>4-1</td>
</tr>
<tr>
<td>11. Developing research questions/hypotheses</td>
<td>1-1</td>
<td>2-1</td>
<td>3-10</td>
<td>4-1</td>
</tr>
<tr>
<td>12. Designing experiments</td>
<td>1-0</td>
<td>2-5</td>
<td>3-6</td>
<td>4-2</td>
</tr>
<tr>
<td>13. Laboratory safety</td>
<td>1-0</td>
<td>2-3</td>
<td>3-5</td>
<td>4-6</td>
</tr>
<tr>
<td>14. Basic lab techniques</td>
<td>1-0</td>
<td>2-2</td>
<td>3-6</td>
<td>4-5</td>
</tr>
<tr>
<td>15. Completing lab notebooks</td>
<td>1-0</td>
<td>2-3</td>
<td>3-8</td>
<td>4-2</td>
</tr>
<tr>
<td>16. Ethical and responsible conduct of research</td>
<td>1-0</td>
<td>2-2</td>
<td>3-7</td>
<td>4-4</td>
</tr>
<tr>
<td>17. Designing PowerPoint presentations</td>
<td>1-0</td>
<td>2-0</td>
<td>3-6</td>
<td>4-7</td>
</tr>
<tr>
<td>18. Creating a research symposium poster</td>
<td>1-2</td>
<td>2-3</td>
<td>3-6</td>
<td>4-2</td>
</tr>
<tr>
<td>19. Oral presentation of research findings</td>
<td>1-1</td>
<td>2-6</td>
<td>3-5</td>
<td>4-1</td>
</tr>
<tr>
<td>20. Publishing an article for a research journal</td>
<td>1-5</td>
<td>2-7</td>
<td>3-1</td>
<td>4-0</td>
</tr>
<tr>
<td>21. Career pathways in the area of polymers</td>
<td>1-6</td>
<td>2-6</td>
<td>3-1</td>
<td>4-0</td>
</tr>
</tbody>
</table>
SECTION 3 – Please tell us how much you agree or disagree with the following statements by circling one number for each.

<table>
<thead>
<tr>
<th>Statement</th>
<th>Strongly Disagree</th>
<th>Disagree</th>
<th>Agree</th>
<th>Strongly Agree</th>
</tr>
</thead>
<tbody>
<tr>
<td>22. I clearly understand REU program goals.</td>
<td>1-0</td>
<td>2-1</td>
<td>3-8</td>
<td>4-4</td>
</tr>
<tr>
<td>23. I clearly understand the program’s expectations for me.</td>
<td>1-0</td>
<td>2-2</td>
<td>3-10</td>
<td>4-1</td>
</tr>
<tr>
<td>24. I look forward to learning more about polymers.</td>
<td>1-0</td>
<td>2-0</td>
<td>3-4</td>
<td>4-9</td>
</tr>
<tr>
<td>25. I am confident that I can do the experiments conducted in the REU program.</td>
<td>1-0</td>
<td>2-0</td>
<td>3-7</td>
<td>4-6</td>
</tr>
<tr>
<td>26. I want to work closely with my mentor this summer.</td>
<td>1-0</td>
<td>2-0</td>
<td>3-3</td>
<td>4-10</td>
</tr>
<tr>
<td>27. I am looking forward to working with faculty.</td>
<td>1-0</td>
<td>2-0</td>
<td>3-4</td>
<td>4-9</td>
</tr>
<tr>
<td>28. I want to learn about the daily activities of scientific researchers.</td>
<td>1-0</td>
<td>2-1</td>
<td>3-3</td>
<td>4-9</td>
</tr>
<tr>
<td>29. I am interested in a career in a scientific field.</td>
<td>1-0</td>
<td>2-1</td>
<td>3-2</td>
<td>4-10</td>
</tr>
<tr>
<td>30. Science helps me understand the world around me.</td>
<td>1-0</td>
<td>2-0</td>
<td>3-1</td>
<td>4-12</td>
</tr>
<tr>
<td>31. I do better in science than any other core subject (math, English, or social studies).</td>
<td>1-1</td>
<td>2-1</td>
<td>3-4</td>
<td>4-7</td>
</tr>
<tr>
<td>32. Sharing results with other scientists is an important part of the scientific process.</td>
<td>1-0</td>
<td>2-0</td>
<td>3-3</td>
<td>4-10</td>
</tr>
<tr>
<td>33. I am looking forward to getting to know the other REU students.</td>
<td>1-0</td>
<td>2-0</td>
<td>3-3</td>
<td>4-7</td>
</tr>
</tbody>
</table>

SECTION 4 – Please respond to the following questions.

34. Thinking ahead about your hopes and expectations for your REU, what would be the absolute best long-term outcomes for you?
- learn more about being a graduate student
- Figure out future in chemistry
- gain research experience
- personal relationship with advisor
- leave with increased understanding of polymers, lab research, and student-faculty collaboration
- finish project
- help get accepted into a graduate program
- publication
- apply knowledge learned to alternative energy field
- successful research experience
- discover if research is what I want to do as a career
- project is something I am interested in and I go on to pursue this subject in grad school
- Making good friends

35. At this time, what is your greatest concern/worry about participating in the REU?
- don’t know much about what I will be doing
- contact with advisor before arrival would be nice
- no previous experience with polymers
- not being able to finish the project
- let the professor down
- hope everyone is social
- not knowing what to do in the lab
- project is not interesting
- not be able to be self-directed enough
- not being able to do the lab work by myself with little help

36. Please include any additional comments.
- excited to get started
- looking forward to working with faculty and mentor