2015 YSP Program Expectations

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Director of Education and Diversity Program
June 29th, 2015
Knoxville, Tennessee
Goals of YSP

• Training of research process and skills (engineering thinking, problem solving, computer skill, literature review, develop research questions)

• Basic understanding of electrical engineering computer engineering or other engineering concepts

• Non-technical skill: professionalism, communication skill, writing, time management

• Training of discipline, self-motivation and independence

• Define your future career path or college major
Program Expectations

• Activities: seminar, field trip, research meeting, reading, hands-on projects
• Treat this internship like a job.
• Research myth:
  1. My mentor did not tell me what to do, so I cannot proceed my research.
  2. Reading is not related to an engineering project.
  3. I have to do a hands-on or experimental project right away to make progress.
Skills for the Research Process

• Understand the slow path of research, but also set a manageable goal.
• Be patient
• Be independent; self-taught
• Be creative
• Be self-motivated
• Be a team-player
Requirements

• This is a not a summer camp or school activity.
• Participate all the events and seminars
• Read all the emails carefully and respond accordingly
• Follow CURENT’s program and safety rules at all time.
• Sign all the documents (also parents).
• **Show up daily from 9-4pm. Be on time.**
• Sign in and off in RM 554 when meeting with mentors outside the building.
• Bring your own computer and lunch.
Home Room (533) Rules

- No loud-talking, group activities
- No playing cards or computer games
- No any disrespectful behaviors
- 2 warnings will be given before we inform your parents
Assignment Requirements

• Weekly progress report (informal report) – upload to website and sent to your mentor
• Summary of selected seminars
• A final written paper about your research results (10-15 pages excluding abstract and references); due by July 23\textsuperscript{h}
• Final presentation on July 23rd
• Poster presentation on July 24\textsuperscript{th} with other undergraduates from other research centers at UTK (parents and friends are invited).
# Research Groups

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<thead>
<tr>
<th>Faculty/Graduate Student</th>
<th>YSP</th>
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<tbody>
<tr>
<td>Dr. Donatello Materassi</td>
<td>Shreyas Muralidharan</td>
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<tr>
<td>Dr. Hahn Choo</td>
<td>Luke Buckner</td>
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<tr>
<td>Dr. Shashi Nambisan</td>
<td>Breanna Piercy, Noelani Fishman</td>
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<tr>
<td>Dr. Jing Wang</td>
<td>Christine Garcia, Blair Johnson</td>
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<tr>
<td>Dr. Gong Gu, Wan Deng, Ali Mohsin</td>
<td>Emily Threatt, Cameron Jeske</td>
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<td>Dr. Xiaojing Xu</td>
<td>Jasmine Park</td>
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<td>Shutang You</td>
<td>Jack Baddwin, Ella Marston</td>
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<tr>
<td>Mohammad Habib Ullah Habib</td>
<td>Emily Thomson, Vinila Baliepally</td>
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<td>Peixing Liu</td>
<td>Diane Kim, Allison Campbell</td>
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