This bulletin recaps commentary and shares news on DEI activities in ESE.

News & General Updates

For September and October, ESE Cares partnered with Albemarle Housing Improvement Program (AHIP) to adopt an Albemarle County community member who needs emergency repairs to their home. “AHIP believes everyone should be safe at home and is excited to partner with UVA's ESE Cares and Black Faculty & Staff to help local families in need of critical home repair. The groups' generosity and support help AHIP find new ways to engage with the community despite the challenges to volunteer work posed by the pandemic. AHIP is thrilled to find other ways to collaborate to make sure that we can help more families more quickly.” You can still help out:

- Donation Link
- Signup Link

- Current membership of the DEI committee and its subcommittees are shown on the ESE DEI website.

The committee currently has openings for one staff member and two undergraduate student members.

Please contact any current committee member if you would like to join the committee or if you have any questions or concerns about DEI matters. ESE-DEI@virginia.edu.
Subcommittee Reports:

1. Communications Subcommittee (CMS):
   a. The CMS hosted an open forum titled “The Architecture of Democracy in a Landscape of Slavery” with Prof. Louis Nelson, UVA Vice Provost for Academic Outreach and Professor of Architectural History. The date was October 15th, during the ESE Distinguished Speaker Series.

2. Community Participation and Outreach Subcommittee (CPS):
   a. CPS is hosting a funding drive and volunteer support for Albemarle Housing Improvement Project (AHIP), as noted in the introduction to this newsletter. You can still donate or sign up to volunteer through the following links:
      Donation Link
      Signup Link

3. Recruitment and Retention Subcommittee (RRS):
   a. RRS members attended the breakout rooms during the ESE Virtual Visit Day on 9/24/21. Follow up communication with prospective graduate students who attended the event are in progress.

4. Report from the Bulletin and Updates Subcommittee (BUS):
   a. BUS, in collaboration with the 100 Black Men of Central Virginia, hosted a series of lab tours in SEAS for students and parents of their M-Cubed Academy.

<table>
<thead>
<tr>
<th>Date</th>
<th>Host Faculty</th>
<th>Department</th>
<th>Lab Tour Title</th>
<th># Visitors</th>
</tr>
</thead>
<tbody>
<tr>
<td>9/18/21</td>
<td>Prof. Jose Gomez</td>
<td>ESE</td>
<td>Exploring Structural Engineering</td>
<td>18</td>
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<td></td>
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<tr>
<td>9/25/21</td>
<td>Prof. Chloe Dedic</td>
<td>MAE</td>
<td>“Laser Imaging for Hypersonic Vehicles &amp; Engines</td>
<td>15</td>
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<tr>
<td></td>
<td>Prof. George Prpich</td>
<td>ChE</td>
<td>Engineering for Water, Energy, &amp; Food - Part 1</td>
<td>15</td>
</tr>
<tr>
<td>10/9/21</td>
<td>Prof. George Prpich</td>
<td>ChE</td>
<td>Engineering for Water, Energy, &amp; Food - Part 2</td>
<td>13</td>
</tr>
<tr>
<td></td>
<td>Prof. Natasha Smith</td>
<td>MAE</td>
<td>Reliability Assessment &amp; Testing Lab</td>
<td>13</td>
</tr>
<tr>
<td>10/30/21</td>
<td></td>
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</table>

Students participated from middle- and high-schools in Charlottesville, Albemarle, Fluvanna, Orange, and Green counties.

**Thank you to Prof. Jose Gomez, Prof. Donna Chen, Prof. Chloe Dedic, Prof. George Prpich, Prof. Natasha Smith, Prof. Greg Gerling, and Prof. David Green and their graduate students for taking the time to offer this opportunity to the students and their families.**

b. Committee members Patrick Hancock, Courtney Rogers, Sadegh Eghdami, and Sydney Turner, conducted workshops on Engineering Social Justice for SEAS undergraduates. The Fall workshops are listed below. Additional workshops are planned for Spring 2022.

<table>
<thead>
<tr>
<th>Date</th>
<th>Speaker(s)</th>
<th>Topic</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>September 10th, 2021</td>
<td>Dr. Jon A. Leydens</td>
<td>Social Justice in Engineering</td>
<td>Colorado School of Mines</td>
</tr>
<tr>
<td>September 24th, 2021</td>
<td>Dr. Rua M. Williams</td>
<td>Disability Justice in Engineering</td>
<td>Purdue University</td>
</tr>
<tr>
<td>October 22nd, 2021</td>
<td>Dr. Stephen Fernandez and Lydia D’Ambrosio</td>
<td>Solidary Engineering and the Pedagogy of Love</td>
<td>UMass Amhurst</td>
</tr>
</tbody>
</table>

c. BUS facilitated the visit by a prospective ChE undergraduate student who is being recruited by the UVA women’s soccer team. The student, her family, and the UVA women’s soccer coach, Steve Swanson, met with the chair of Chemical Engineering on 10/25.

d. As part of the Mutual Benefit Initiative, DEI committee member, Garrick Louis, will offer his graduate ethics course, SYS 6041, in Spring ‘22 in collaboration with the undergraduate ethics course offered by Hampton University. The courses will be offered T/H at 2:00 – 3:15 PM at both institutions. The two classes will be together online for two weeks, one week taught by Louis, and the other taught by Engineering faculty from Hampton.

e. BUS helped to post an advertisement on the National Society of Black Engineers (NSBE) jobs page for one of the tenure-track faculty searches underway in ESE, chaired by Prof. Sara Riggs.

f. BUS subcommittee member, Garrick Louis, was the inaugural speaker in the series on DEI in STEM at Carnegie Mellon University’s Department of Engineering & Public Policy on 10/29. The title of his talk was, “DEI in STEM Higher Education: A New Name for An Old Game.”
g. DEI committee member, Leidy Klotz, invited graduate students, Patrick Hancock and Sydney Turner, to host a session on Engineering Social Justice in his Behavioral Design class.

h. The DEI website is available [here](#). Please contact Garrison Louis or Sadegh Eghdami with comments about the website.

The DEI committee is committed to a transparent, participatory, and iterative approach to achieving the vision of a diverse, equitable, and inclusive ESE.

Please see photos below:
M-Cubed SEAS Lab Tour Photos. Fall 2021.

M-Cubed visits Prof. Jose Gomez’s Lab. 09/18/21.
M-Cubed visits Prof. Donna Chen’s Lab. 09/18/25.
M-Cubed in Prof. Dedic’s Lab. 09/25/21.
M-Cubed in Prof. Prpich’s Lab. 09/25/21.
M-Cubed visiting Prof. Natasha Smith’s lab. 10/09/21.
M-Cubed second visit to Prof. Prpich’s Lab 10/09/21.
M-Cubed visits Prof. Greg Gerling’s Lab. 10/30/21.
M-Cubed after visiting Prof. David Green’s lab. 10/30/21.