The University of Tennessee ASCE Student Chapter

February 5, 2018
JDT 405: 12:20-1:10
<table>
<thead>
<tr>
<th>Derek Barnett</th>
<th>Myles Garrett</th>
</tr>
</thead>
<tbody>
<tr>
<td>33.0 College Sacks</td>
<td>31.0 College Sacks</td>
</tr>
<tr>
<td>14(^{th}) Overall Pick</td>
<td>1(^{st}) Overall Pick</td>
</tr>
<tr>
<td>1 Life Championship</td>
<td>1 Liberty Bowl Championship</td>
</tr>
<tr>
<td>1 Super Bowl Fumble Recovery</td>
<td>0 NFL Wins</td>
</tr>
<tr>
<td>1 Super Bowl Championship</td>
<td>0 Super Bowl Championships</td>
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</tbody>
</table>
Welcome

- Request for membership on Volink to receive emails from us!
- Join us on our Groupme
- Join us on Facebook at The University of Tennessee-American Society for Civil Engineers.
- Follow us on Twitter: @ASCE_U TK
Our mission is to volunteer our support and develop a community that exemplifies leadership in student engineering.
General Body Meeting Schedule

Fall Semester
- August 28, 2017
- September 11, 2017
- September 25, 2017
- October 9, 2017
- October 23, 2017
- November 6, 2017
- November 20, 2017

Spring Semester
- January 22, 2018
- February 5, 2018
- February 19, 2018
- February 26, 2018
- March 19, 2018
- April 2, 2018
- April 16, 2018
ASCE Student Chapter Goals

- Place Top 3 at Conference
- Increase active members
- Complete Legacy Park project
- Have more involvement for the Knoxville ASCE Younger Member Group
ASCE Conference 2018

**WHEN:** March 1-3, 2018  
**WHERE:** University of Florida, Gainesville, Florida

Conference Chair: Liliana Porras, lporras@vols.utk.edu
Competition Information

- Steel Bridge: Salvador Morales smorale1@vols.utk.edu

- Concrete Canoe: James Throckmorton jthrockm@vols.utk.edu
Canoe Pour Day
Basketball Social
Intramurals

- Kickball Tournament (February 13 to 29)

- Softball League (March 6 to 19)
Trivia Night

- Field House Social
- 6:30 to 8:30ish
Upcoming Events

- February 7: Trivia Night (Fieldhouse 6:30-8:30)
- February 8: Conference Captains Meeting (5:00-6:00)
- February 16: Conference Technical Papers Due
- February 19: Engineering Expo (TBA 2:00-5:00)
- February 20: Interview Day (TBA 8:30-4:00)
- February 23: Knoxville Younger Member Ice Bears Game
- February 24: ASCE Volunteer Event
- February 26: Conference Cookout (12:20-1:10)
- March 1-3: ASCE Southeast Regional Conference
- April 2: 2018-2019 Officer Elections
Special Guest

QK4
Christopher Jenkins P.E.
Melody Butler P.E.
Corey Wooten E.I.T, MBA
ASCE Student Chapter Meeting
February 5, 2018
Who We Are

• Christopher Jenkins, PE
  • Primary Focus: Business Development, CEI, Project Management
  • Years of Experience: 25
  • Education: BSCE – University of Tennessee

• Melody Butler, PE
  • Primary Focus: Transportation Planning, Traffic Engineering
  • Years of Experience: 8
  • Education: BSCE – Georgia Tech
    MSCE – Georgia Tech

• Corey Wooten, EIT, MBA
  • Primary Focus: Roadway Design, Site Design
  • Years of Experience: 5
  • Education: BSCE – University of Louisville
    MBA – Auburn University
Who We Are

• **Multi-Disciplinary Firm**
  • Transportation Engineering
  • Water/Wastewater and Stormwater Design
  • Structural and Site Engineering
  • Surveying
  • Environmental Studies
  • Planning
  • Landscape Architecture and Streetscape Design

• **Public and Private Sector Clients**

• **Locations**
  • Kentucky :: Louisville, Frankfort, Somerset, & Henderson
  • Tennessee :: Knoxville & Bristol
  • Georgia :: Atlanta
Transportation Planning

- Corridor Planning Studies
- Traffic Impact Studies
- Land Use and Transportation Master Plans
- Multi-Modal Studies

Lexington Road Corridor Study
Louisville, KY
Transportation Planning Process

• Existing Conditions Analysis
  • Data Collection
    • Traffic volumes, crash analysis, sidewalk and bike lane inventory
  • Level of Service

• Future Conditions Analysis
  • Traffic Forecasting
    • Travel demand model, ITE Trip Generation, engineering judgement
  • Level of Service
  • Build vs No Build

• Identify Improvement Strategies
• Develop Cost Estimates and Implementation Plans
Roadway Design

- Preliminary Plan Elements
  - Horizontal/Vertical Alignment
  - Right-of-Way Impacts
  - Drainage Structures
  - Constructability
Construction Engineering & Inspection

- On-site Materials Testing
- Coordination & Compliance with Project Documents
- Payment/Record Keeping
Site Design

- Client-Focused
- Land Development Code Requirements
  - Stormwater
  - ADA Compliance
  - Parking
  - Setbacks
  - Access (Driveways)
- Safety!
How to Be Successful (and other sage advice)

• Continual Learning
• Be Inquisitive
• Establish a Mentor
• Be Flexible
• Seize Opportunities to Grow
• Economical Decision Making
• Network, network, network! (ASCE)
Questions?