HOWDY!

Summer 2018
Luncheons
Austin, San Antonio, Houston, Dallas, & Harlingen

ATM
CONSTRUCTION SCIENCE
TEXAS A&M UNIVERSITY
Construction Industry Advisory Council
Department Head, Executive Director Update
Overview

• Department Head Updates
  – Transformational Education
  – Discovery & Innovation
  – Impact
• Industry Relations Updates
• Wrap-up
ACCE Re-Accreditation Visit

Dinner Attendees

• Brent Ballard
  – Industry Observer
• Jeremy Stovall
  – Incoming President
• Kendall Poulard
  – Tellepsen
• Mitch Beckman
  – Webber
• Jeff Higdon
  – DSI
• Wes Moncrief
  – McCarthy
Transformational Education
Discovery & Innovation

RESEARCH CLUSTERS
- RIS: Resilient Infrastructure Systems
- ESN: Energy and Sustainability Nexus
- INP: Industry Needs and Partnerships
- IMM: Innovative Materials and Methods
- SCA: Smart Construction and Alterations
- EDO: Education, Diversity, and Outreach
Impact
Transformational Education
Visit to Virginia Tech

Hokie alumnus and professor Andrew McCoy is the new head of the Department of Building Construction at Virginia Tech’s Myers-Lawson School of Construction.
Faculty Search

• Committee:
  – Dr. Miro Escamilla – Chair
  – Gary Boldt
  – Larry Fickel
  – Debra Ellis
  – Steve Rodgers
  – Liz Smith, Coordinator

• Target: Instructional Track w/ industry experience
  – Mechanical
  – Electrical
  – Materials
New Research Leads

Dr. David Jeong, Professor

Dr. Amir Behzadan, Research Coordinator
Faculty Awards

Ken Williamson, PhD
Associate Professor

Associated Schools of Construction
“2018 Lifetime Achievement Award”
# Department Enrollment

<table>
<thead>
<tr>
<th></th>
<th>Fall 2016</th>
<th>Fall 2017</th>
<th>Fall 2018 Projected</th>
</tr>
</thead>
<tbody>
<tr>
<td>BS</td>
<td>1061</td>
<td>1036</td>
<td>1018</td>
</tr>
<tr>
<td>MS</td>
<td>37</td>
<td>40</td>
<td>40</td>
</tr>
<tr>
<td>Total</td>
<td>1098</td>
<td>1076</td>
<td>1058</td>
</tr>
</tbody>
</table>
Incoming Class

Freshmen
- 261 Applications
- 121 Admitted (46%)
- 99 Accepted to Date

Transfers
- 211 Applications
- 104 Admitted (49%)
- 92 Accepted to Date

Change of Majors
- 90 Applications
- 56 Admitted (62%)
Scholarships

• Over $400,000 awarded to 245 students for the 2018 – 2019 Academic Year

• CIAC has 2 endowed matching scholarships available

• Endowed Scholarships
  • $25,000 required
  • $3,000 over a 5 year period plus CIAC match
Construction Academy

- Working with 25 school districts, TAMU Prospective Student Centers, Advise Texas, Las Colonias, and Industry Partners

  Sundt  SpawGlass
  Clark Construction  Brasfield & Gorrie
  The Brandt Companies  Crossland Construction
  HEB  TexasBit
  Austin Commercial  McCarthy Building Companies

- Six Different Sites
  - Bryan\College Station, Harlingen, Houston, Dallas,
  - San Antonio, Weslaco

- Average of 25 Students
  - 40% female and 60% male ratio

- All participants offered a $1,000 scholarship if they major in Construction Science at Texas A&M
CIAC Membership

166 of 197
Renewed

18
New

184
Members 2018
# New CIAC Members in 2018

<table>
<thead>
<tr>
<th>Autodesk</th>
<th>KG Residential</th>
</tr>
</thead>
<tbody>
<tr>
<td>Booz Allen Hamilton</td>
<td>Legends Development Group</td>
</tr>
<tr>
<td>Broaddus &amp; Associates</td>
<td>Muckleroy &amp; Falls</td>
</tr>
<tr>
<td>Dinerstein Companies</td>
<td>Peckar &amp; Adamson</td>
</tr>
<tr>
<td>Engineered Wall Systems</td>
<td>Schulte Roofing</td>
</tr>
<tr>
<td>Flatiron</td>
<td>Steve Hoegger &amp; Associates</td>
</tr>
<tr>
<td>Frank Dale Construction</td>
<td>Summit Materials \ RK Hall</td>
</tr>
<tr>
<td>GMI Texas</td>
<td>Turner Industries</td>
</tr>
<tr>
<td>IE2 Construction</td>
<td>The Lemoine Company</td>
</tr>
</tbody>
</table>
Please Register for Career Fair

<table>
<thead>
<tr>
<th>Company Name</th>
<th>Company Name</th>
<th>Company Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>AECOM (URS Corporation)</td>
<td>Flatiron</td>
<td>McCarthy</td>
</tr>
<tr>
<td>ALPHA Facilities Solutions, LLC</td>
<td>Galaxy Builders</td>
<td>MEDCO Construction, LLC</td>
</tr>
<tr>
<td>Anslow Bryant</td>
<td>GAMMA Construction</td>
<td>Meritage Homes</td>
</tr>
<tr>
<td>Autodesk</td>
<td>Grand Homes</td>
<td>Peckar &amp; Abramson</td>
</tr>
<tr>
<td>Baker Triangle</td>
<td>H&amp;S Constructors, Inc.</td>
<td>Pinnacle Construction Group</td>
</tr>
<tr>
<td>Balfour Beatty</td>
<td>Hanover Company</td>
<td>Polk Mechanical Company</td>
</tr>
<tr>
<td>Bechtel</td>
<td>Harvey Builders</td>
<td>Prim Construction</td>
</tr>
<tr>
<td>Britt Rice Electric, LP</td>
<td>Haskell</td>
<td>Raba Kistner</td>
</tr>
<tr>
<td>Broaddus &amp; Associates</td>
<td>Highland Homes</td>
<td>RMC Group</td>
</tr>
<tr>
<td>Burrow Global Services</td>
<td>Holder Construction</td>
<td>Rosendin Electric</td>
</tr>
<tr>
<td>C&amp;W Services</td>
<td>Imperial Construction, Inc.</td>
<td>RSI Communities</td>
</tr>
<tr>
<td>CA Partners</td>
<td>Integrity Group</td>
<td>Ryan Companies</td>
</tr>
<tr>
<td>Cadence McShane</td>
<td>James Construction Group</td>
<td>Saratoga Homes</td>
</tr>
<tr>
<td>Cajun Industrial Design &amp; Construction</td>
<td>JKBKnowledge</td>
<td>Schulte Roofing</td>
</tr>
<tr>
<td>Cash Construction Company</td>
<td>John W. McDougall Company Inc.</td>
<td>Scott &amp; Reid General Contractors</td>
</tr>
<tr>
<td>CenterPoint Energy</td>
<td>Joslin Construction</td>
<td>Sebastian Construction Group</td>
</tr>
<tr>
<td>Clark Construction</td>
<td>Karsten Interior Services</td>
<td>Slate Construction</td>
</tr>
<tr>
<td>CORE Construction</td>
<td>KBR</td>
<td>Swinerton Builders</td>
</tr>
<tr>
<td>Crossland Construction</td>
<td>KG Residential</td>
<td>Teal Construction</td>
</tr>
<tr>
<td>Cummings Electrical</td>
<td>KHS&amp;S Contractors</td>
<td>The Lemoine Company</td>
</tr>
<tr>
<td>Dinerstein Companies</td>
<td>Ledcor</td>
<td>The NRP Group</td>
</tr>
<tr>
<td>DPR Construction</td>
<td>Legends Development Group</td>
<td>Trammell Crow Residential</td>
</tr>
<tr>
<td>Drymalla Construction Company</td>
<td>Linbeck Group, LLC</td>
<td>Trio Electric</td>
</tr>
<tr>
<td>Duke Realty</td>
<td>Lyness Construction</td>
<td>Turner Industries</td>
</tr>
<tr>
<td>Embree Group</td>
<td>Manhattan Construction Co.</td>
<td>W.S. Bellows Construction Corporation</td>
</tr>
<tr>
<td>Endurance Builders</td>
<td>Marek Brothers</td>
<td>Whiting-Turner Contracting Company</td>
</tr>
<tr>
<td>Engineered Wall Systems</td>
<td>Martin Marietta</td>
<td></td>
</tr>
</tbody>
</table>
## Job Placement

<table>
<thead>
<tr>
<th>Industry Sector</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commercial</td>
<td>69%</td>
</tr>
<tr>
<td>Residential, Single Family</td>
<td>7%</td>
</tr>
<tr>
<td>Oil/Gas/Energy</td>
<td>5%</td>
</tr>
<tr>
<td>Heavy Civil/Highway</td>
<td>5%</td>
</tr>
<tr>
<td>Specialty</td>
<td>5%</td>
</tr>
<tr>
<td>Residential, Multi-Family</td>
<td>3%</td>
</tr>
<tr>
<td>Industrial</td>
<td>2%</td>
</tr>
<tr>
<td>Other</td>
<td>4%</td>
</tr>
</tbody>
</table>

Trend: More graduates going into sectors other than commercial
# Job Placement

<table>
<thead>
<tr>
<th>Field</th>
<th>Total</th>
<th>Employed</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction Related</td>
<td>107</td>
<td>93</td>
<td>87%</td>
</tr>
<tr>
<td>Non-Construction Related</td>
<td>1</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>Military</td>
<td>4</td>
<td>4</td>
<td>100%</td>
</tr>
<tr>
<td>Graduate School</td>
<td>5</td>
<td>1</td>
<td>20%</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>117</td>
<td>98</td>
<td>84%</td>
</tr>
</tbody>
</table>
Job Offers From Internship Providers

What percent received a job offer from their provider? 
75%

What percent accepted the job offer from their provider? 
64%

What percent that accepted a job offer had other interviews? 
88%

What percent that accepted a job offer had other job offers? 
54%
## Job Titles & Average Salaries

<table>
<thead>
<tr>
<th>Job Title</th>
<th>No.</th>
<th>Average Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Engineer</td>
<td>40</td>
<td>$ 62,762</td>
</tr>
<tr>
<td>Field Engineer</td>
<td>15</td>
<td>$ 61,836</td>
</tr>
<tr>
<td>Assistant Project Manager</td>
<td>11</td>
<td>$ 59,045</td>
</tr>
<tr>
<td>Assistant Superintendent</td>
<td>9</td>
<td>$ 61,332</td>
</tr>
<tr>
<td>Office Engineer</td>
<td>6</td>
<td>$ 61,204</td>
</tr>
<tr>
<td>Superintendent</td>
<td>1</td>
<td>$ 80,000</td>
</tr>
<tr>
<td>Builder</td>
<td>4</td>
<td>$ 50,500</td>
</tr>
</tbody>
</table>
# Job Interviews

<table>
<thead>
<tr>
<th>Number of Interviews</th>
<th>Initial</th>
<th>Next Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>0%</td>
<td>14%</td>
</tr>
<tr>
<td>1 to 3</td>
<td>47%</td>
<td>60%</td>
</tr>
<tr>
<td>4 to 6</td>
<td>40%</td>
<td>21%</td>
</tr>
<tr>
<td>7 to 9</td>
<td>7%</td>
<td>3%</td>
</tr>
<tr>
<td>10 or More</td>
<td>8%</td>
<td>1%</td>
</tr>
</tbody>
</table>
# Job Offers Received

<table>
<thead>
<tr>
<th>Number of Offers</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>6%</td>
</tr>
<tr>
<td>1</td>
<td>31%</td>
</tr>
<tr>
<td>2</td>
<td>28%</td>
</tr>
<tr>
<td>3</td>
<td>22%</td>
</tr>
<tr>
<td>4</td>
<td>7%</td>
</tr>
<tr>
<td>5</td>
<td>2%</td>
</tr>
<tr>
<td>6</td>
<td>2%</td>
</tr>
<tr>
<td>***More than 6</td>
<td>2%</td>
</tr>
</tbody>
</table>

***Non-traditional students
Starting salaries $70,000 to $75,000
# Starting Salary Range

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Maximum</strong></td>
<td>$80,000</td>
</tr>
<tr>
<td><strong>Median</strong></td>
<td>$62,000</td>
</tr>
<tr>
<td><strong>Average</strong></td>
<td>$61,000</td>
</tr>
<tr>
<td><strong>Minimum</strong></td>
<td>$42,000</td>
</tr>
</tbody>
</table>
## Bonuses – 48%

<table>
<thead>
<tr>
<th>Bonus Range</th>
<th>Number of Offers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Over $5,000</td>
<td>3</td>
</tr>
<tr>
<td>$2,500 - $4,999</td>
<td>15</td>
</tr>
<tr>
<td>$2,000 - $2,499</td>
<td>13</td>
</tr>
<tr>
<td>$1,500 - $1,999</td>
<td>4</td>
</tr>
<tr>
<td>$1,000 - $1,499</td>
<td>2</td>
</tr>
</tbody>
</table>
## Employers

<table>
<thead>
<tr>
<th>Number of Companies</th>
<th>Membership</th>
</tr>
</thead>
<tbody>
<tr>
<td>47</td>
<td>CIAC</td>
</tr>
<tr>
<td>14</td>
<td>Non CIAC</td>
</tr>
</tbody>
</table>

85% Hired by CIAC Member Companies
## Job Locations

<table>
<thead>
<tr>
<th>City</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dallas/Fort Worth</td>
<td>30%</td>
</tr>
<tr>
<td>Houston</td>
<td>30%</td>
</tr>
<tr>
<td>Out of State</td>
<td>17%</td>
</tr>
<tr>
<td>Austin</td>
<td>14%</td>
</tr>
<tr>
<td>San Antonio</td>
<td>5%</td>
</tr>
<tr>
<td>Bryan/College Station</td>
<td>4%</td>
</tr>
</tbody>
</table>
Save the Date
Fall 2018

<table>
<thead>
<tr>
<th>CIAC Career Fair</th>
<th>Tailgate, BTHO Kentucky</th>
</tr>
</thead>
<tbody>
<tr>
<td>September 13(^{th}) &amp; 14(^{th})</td>
<td>October 6(^{th})</td>
</tr>
<tr>
<td>Brazos County Expo</td>
<td>3 hours before kickoff</td>
</tr>
<tr>
<td></td>
<td>Association of Former Student Building, Ring Side</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CIAC Board Meeting</th>
<th>Field Trip Day</th>
</tr>
</thead>
<tbody>
<tr>
<td>October 26(^{th})</td>
<td>November 14(^{th})</td>
</tr>
<tr>
<td>Location To Be Determined</td>
<td>10 Sites</td>
</tr>
</tbody>
</table>
Reminders

• Register for the Career Fair

• Send pictures of former students / job sites

• Join the “Texas A&M - Construction Science” LinkedIn Group

• Sign up for Company Day in Francis Hall
Questions?

Thanks & Gig’em!