CIAC Summer Lunches

Patrick C. Suermann, PhD, PE, LEED AP
Department Head
Associate Professor
“It is the best Construction Science program in the country.”

-- Chancellor John Sharp
Overview

1) Personnel Changes
2) Observed Trends
3) Enrollment Profile
4) Teaching Updates
5) Research
6) Service
7) Opportunities
Farewells

1. James Benham
2. Dr. Bryant
3. Hugh Cronin
4. Dr. Degenhart
5. Judge Grisham
6. Dr. Haque
7. Dr. Solis
8. Dr. Williamson
College Personnel Changes

1. Dr. Dawn Jourdan
2. Dr. Shannon Van Zandt
3. Dr. Galen Newman
4. Dr. Ann McNamara
5. Dr. Greg Luhan
6. Dr. Wenping Wang
Dr. Kathy Banks becomes 26th President of Texas A&M University

The Maroon Quarter - Mar 31, 2021

Katherine Banks was announced as president of Texas A&M University.

Source: TAMU University
<table>
<thead>
<tr>
<th></th>
<th>Fall 2018</th>
<th>Fall 2019</th>
<th>Fall 2020 Actual</th>
<th>Spring 2021</th>
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<tbody>
<tr>
<td>BS</td>
<td>1,010</td>
<td>1,043</td>
<td>1,105</td>
<td>1,076</td>
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<tr>
<td>MS</td>
<td>34</td>
<td>48</td>
<td>68</td>
<td>100</td>
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<tr>
<td>Total</td>
<td>1,044</td>
<td>1,091</td>
<td>1,173</td>
<td>1,176</td>
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</table>
Student Demographics

How Students Entered the COSC Program

- Change of Major, 30.7%
- Transfer, 43.1%
- Freshman, 26.3%
Freshmen
- 339 Applications
- 252 Admitted
- 138 Accepted to Date
- Apps up 35% from 2020

Change of Majors
- 112 Applications
- Decisions made this summer

Transfers
- 237 Total Applications/215 Completed
- 131 Admitted
- 120 Confirmed/Accepted
- 52 Enrolled
Fluor Teaching Excellence

2020 – Teaching Excellence Winner
Teaching

• New Degree Plan Launched in Fall 2020
• New or Altered Courses
  • Introduction to the Construction Industry (COSC 153)
  • Construction Graphics and Communication (COSC 175)
  • Safety I (From COSC 364 to COSC 184)
  • Cultural Discourse (COSC 489/222)
  • COSC 301 (Surveying to Practices Course)
• From 1 elective to 4 electives – increased student choice
• Study Abroad Leadership changing in 2022-2023
Teaching

https://mcallen.tamu.edu/
Summer 2021 Construction Academies
June 13-17
GEAR-UP – Destination Houston
21 Students from 5 Schools – San Antonio Area
Host Company – (Tellepsen)

June 21-23
Rio Grande Valley – Construction Academy
21 Students from 13 Schools
Sponsors - (Noble Texas Builders, SPAWGLASS, D-Wilson)

June 27-July 1
GEAR-UP – Destination Dallas
25 Students from 7 Schools (Del Valle, Lockhart, Manor, San Marcos)
Host Company – (Manhattan Construction Company)

July 5-10
Camp ARCH – College Station
20 Student

July 11-15
GEAR-UP – Destination Austin
18 Students from 4 Schools (Navasota, Livingston, San Antonio)
Host Companies – Austin Commercial

July 19-22
DFW – Construction Academy
21 Students from 5 Schools
Sponsors – (Austin Commercial, McCarthy Builders, Brasfield and Gorrie)

Edelmiro F. Escamilla ‘00, Ph.D. | Associate Inst.
Professor, Program Coordinator - HECM
COSC| Texas A&M University
218.13 | McAllen, TX 78504
ph: 956.271.1343 | edelmiro-escamilla@tamu.edu
Thank you for your help and support for Summer 2021 Construction Academies

For Further Information Please Contact:

Dr. Edelmiro Escamilla `00
edelmiro-escamilla@tamu.edu
979-324-9047
## Research for FY20

<table>
<thead>
<tr>
<th>Data</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
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<tbody>
<tr>
<td>Total Research</td>
<td>$237,190</td>
<td>$1,130,303</td>
<td>$1,138,268</td>
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<tr>
<td>% of college</td>
<td>5.54%</td>
<td>26.12%</td>
<td>27.30%</td>
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<tr>
<td>$/Researcher</td>
<td>$12,484</td>
<td>$62,795</td>
<td>$75,885</td>
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<tr>
<td>College place</td>
<td>4th/4</td>
<td>2nd/4</td>
<td>Close 2nd/4</td>
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</table>

Dr. Amir Behzadan  
Research Coordinator
Research Productivity 2020

Top 5 "Most Productive Faculty" (cumulative publication, new grants, and expenditure)
5. Amir Behzadan
4. Manish Dixit
3. Ryan Ahn
2. David Jeong
1. Youngjib Ham (most productive)

Top 5 "Most New External Research $" (weighted sum of federal, state, local, and private funds)
5. David Jeong
4. Amir Behzadan
3. KC Choi
2. Ryan Ahn
1. Youngjib Ham

Top 5 "Most No. of Publications in Top-10 Journals" (only those appeared in print in 2020)
• 5. KC Choi: 1.5 papers*
• 4. Amir Behzadan: 2.5 papers*
• 3. Youngjib Ham: 4.0 papers
• 2. David Jeong: 4.5 papers*
• 1. Ryan Ahn: 8.5 papers*

Total # of papers published by all COSC faculty in top journals: 23, *Note: 0.5 values indicate a paper co-authored by two COSC faculty.

Top 5 "Most Research Expenditure $"
5. Phil Lewis
4. Ryan Ahn
3. Manish Dixit
2. Youngjib Ham
1. David Jeong
New Degree Updates

H. DAVID JEONG
Professor
Department of Construction Science
Francis Hall 314
djeong@arch.tamu.edu
979-458-9380

PHIL LEWIS
Associate Professor
Department of Construction Science - Administration, Department of Construction Science
plewis@arch.tamu.edu

Student Headcount by Term by Ethnicity

PhD Coordinator
#1 Researcher in 2019
History of (Scholarship) Giving

• Total amount - $3 million by over 100 individuals and companies
• Largest Single Donation - More than $400,000
• 119 matching scholarships
• GOAL: 12 new endowed scholarships per year
2018-20 Student Advocate

Threepeat and 4 of all 5 years!
Opportunities

DIG • LEARN • PLAY

A new adventure park is coming to Texas, and this one is like no other.

DIG WORLD will showcase real construction machinery, as well as adapted machinery, to inspire kids and adults of all ages to learn and play. People will be able to drive, ride, and operate actual machines, as well as learn, dine, and have an amazing time. DIG WORLD will be the ultimate construction theme park.
Our Mission:

“Our Continuing Education Department is dedicated to providing the very best quality educational content, taught by experienced industry professionals, and designed to provide maximum value for our learners.”

Our Affiliates:
Construction Industry Institute
Project Production Institute
Questions?
Patrick Suermann
suermann@tamu.edu

Anthony “Tony” Marraro
tmarraro@tamu.edu

Or
http://cosc.arch.tamu.edu/
continuing-
education/index.html
New Opportunities

• New Brick Campaign!
• Cost $500-$1,000
• Supports Francis Hall MXS and upgrades
• Contact Melissa Sodolak in the Industry Relations office for purchasing bricks
• msodolak@tamu.edu
2. MAREK – Stan Marek
3. Matt Summerville
4. Jeremy Stovall
5. Gary Wortham
6. Kyle Wortham
7. John S. Lee
8. John Chance
9. Jeff Vogt
HOWDY CIAC!
2021 Summer Luncheon
Texas A&M Construction Science
Industry Relations Office
Hernan Guerra - Melissa Sodolak
WELCOME BACK!!!
<table>
<thead>
<tr>
<th>A Brush Above Services, LLC</th>
<th>Grand Texas Homes, Inc.</th>
<th>Metalink, LLC</th>
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<tbody>
<tr>
<td>Allensworth &amp; Porter, LLP</td>
<td>Infrastructure &amp; Energy Alternatives</td>
<td>R Construction Civil</td>
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<tr>
<td>Alliance Residential Builders</td>
<td>KAI Alliance LLC</td>
<td>Rabren General Contractors</td>
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<tr>
<td>Birch Construction</td>
<td>Levcor</td>
<td>Reliance Mechanical Contractors</td>
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<tr>
<td>Caldwell Companies</td>
<td>Litecrete USA</td>
<td>Sodexo</td>
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<tr>
<td>Cherry Companies</td>
<td>Marksman General Contractors, LLC</td>
<td>SteelFab Texas, Inc.</td>
</tr>
<tr>
<td>Davis Hawn Lumber Company</td>
<td>Matous Construction, LTD.</td>
<td>Synergien (Bryan T. Byrd)</td>
</tr>
<tr>
<td>EBCO General Contractor</td>
<td>Empire Communities</td>
<td>Taylor Morrison / Darling Homes</td>
</tr>
</tbody>
</table>
CIAC Status

- CIAC Memberships
- CIAC Industry Diversity
CIAC Company Market Diversity Update

CIAC Members by Market Segment in Total Numbers (187)

- Commercial (50% - 91)
- Residential / Multifamily (15% - 27)
- Civil / Infrastructure (7% - 14)
- Industrial / Oil & Gas (5% - 11)
- Facilities (2% - 5)

CIAC Members by Market Segment in Percentage

- Commercial (50% - 91)
- Residential / Multifamily (15% - 27)
- Civil / Infrastructure (7% - 14)
- Industrial / Oil & Gas (5% - 11)
- Specialty (16% - 30)
- Facilities (2% - 5)
Career Fair Status

• Fall 2020 and Spring 2021

Career Fair Numbers

• Career Fair Fall 2021

Update
NEW NUMBERS AVAILABLE
FROM SPRING 2021 EXIT SURVEY
• 135 Internship students in Spring 2021
• Weekly communication during height of pandemic
• No student has left their job due to COVID
• 2 tested positive during internship in Spring 2021
• Have Visited 25 students so far in 2021 (Spring and Summer)

• THANK YOU CIAC FOR PROVIDING INTERNSHIP JOBS DURING A PANDEMIC!
• THANK YOU FOR KEEPING OUR STUDENTS SAFE!!!!!!
COMPARISONS OF FALL 2020 VS SPRING 2021

• 80 Students in Fall 2020 – 136 in Spring 2021
• Average Salaries - $17.85/hr. – (down from $17.94)
• Most Common hourly salary - $17.50/hr.
• Highest Salary (within the US) - $25/hr. (Up from $23)
• Lowest Salary - $15/hr. (up from $13.50)
Spring 2021 Student Employment Data

82% Have secured a job one semester before graduation (up from 71%)
85% had at least one job offer (down from 88%)
90% plan to enter construction-related employment (up from 86%)
58% received a job offer from their internship provider (down from 65%)
41% accepted a job offer from their internship provider (up from 40%)
Top 4 major Texas cities in which students will work upon graduation:

- 34% Dallas/Fort Worth
- 23% Houston
- 18% Austin
- 8% San Antonio
- 8% Other in Texas
- 9% Outside of Texas
Sectors in which students will be employed:

- 63% Commercial
- 23% Residential
- 4% Industrial
- 2% Heavy Civil
- 4% Specialty
- 1% Other
DIFFERENCES FROM FALL 2020

Project Engineer highest starting salary went from $70K to $78K
Project Engineer Average starting salary stayed at around $63,517

Assistant Superintendent highest starting salary stayed at $70K
Assistant Superintendent average salary stayed at $65K

OVERALL SALARY AVERAGE – $64,067 down from $64,206
AVERAGE HIRING BONUS - $5,100 up from $3,900

Highest Starting Salary – $80K (up from $78K – Fall 2020)
Lowest Starting Salary – $53K (up from $43K – Fall 2020)
Bonuses Given Ranged from $1,000 to $12,000 (Only 27% of students got a signing bonus – down from 33%)
Construction Field Lab

Potential Uses

- Constructionarium type event
- Materials and Methods Classes
- QA/QC Classes
- Safety Class
- Surveying / Field Engineering and Layouts
- CIAC members possible use for training and certifications

Thanks to Skanska for renderings
• Continue to promote early engagement and CIAC company diversity
• Increase CIAC involvement in program: curriculum and competitions
• Assist in the Development of our HECM COSC Program
• Work with Industry to make the Construction Field Lab (CFL) a Reality
  • Already started working with past CIAC Presidents who volunteered their time and knowledge on developing the scope
  • Tailgate in 2021 on the 75th anniversary of the Construction Science Program will aim at raising 750K for the development and fulfillment of such a dream
BTHOalabama! On October 9th!!
Biggest and best tailgate ever held by the College of Architecture!
Planned by the Tailgate guys!
## Important Dates

<table>
<thead>
<tr>
<th>CIAC Important Dates</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
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<tbody>
<tr>
<td><strong>CIAC Career Fair</strong></td>
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<tr>
<td>Spring</td>
<td>Thurs and Fri, Feb 18-19</td>
<td>Thurs and Fri, Feb 17-18</td>
<td>Thurs and Fri, Feb 16-17</td>
</tr>
<tr>
<td>Fall</td>
<td>Thurs and Fri, Sept 16-17</td>
<td>Thurs and Fri, Sept 15-16</td>
<td>Thurs and Fri, Sept 14-15</td>
</tr>
<tr>
<td>Fall Virtual Career Fair</td>
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<tr>
<td><strong>CIAC Board Meeting</strong></td>
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<tr>
<td>Spring</td>
<td>Friday April 9, 2021</td>
<td>Friday April 29, 2022</td>
<td>Friday April 7, 2023</td>
</tr>
<tr>
<td>Fall</td>
<td>Friday October 29, 2021 *</td>
<td>*Friday October 28, 2022</td>
<td>*Friday October 27, 2023</td>
</tr>
<tr>
<td><strong>Scholarship and Awards Banquet</strong></td>
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<tr>
<td>Spring</td>
<td>Thursday April 8, 2021</td>
<td>Thursday April 28, 2022</td>
<td>Thursday April 6, 2023</td>
</tr>
<tr>
<td><strong>Summer Luncheons</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Austin</td>
<td>Wednesday, July 7</td>
<td>Wednesday, July 13</td>
<td>Wednesday, July 12</td>
</tr>
<tr>
<td>San Antonio</td>
<td>Thursday, July 8</td>
<td>Thursday, July 14</td>
<td>Thursday, July 13</td>
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<tr>
<td>Houston</td>
<td>Wednesday, July 14</td>
<td>Wednesday, July 20</td>
<td>Wednesday, July 19</td>
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<tr>
<td>Dallas</td>
<td>Thursday, July 15</td>
<td>Thursday, July 21</td>
<td>Thursday, July 20</td>
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<tr>
<td>Harlingen</td>
<td>Tuesday, July 20</td>
<td>Tuesday, July 26</td>
<td>Tuesday, July 25</td>
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<tr>
<td><strong>Tailgate</strong></td>
<td>Saturday Oct. 9, 2021</td>
<td>TBD</td>
<td>TBD</td>
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Thank you

QUESTIONS