



HOWDY CIAC!

2022 Summer Lunches

Austin

San Antonio

Houston

Dallas

Harlingen



**Dr. Patrick C.
Suermann**
Interim Dean, School
of Architecture at
Texas A&M University

Overview

1. The Path Forward
2. Graduation Discussions with President Banks
3. Top 5 initiatives
 - Discussion
4. COSC Business

The Path Forward



TEXAS A&M UNIVERSITY
College of
Architecture

OCTOBER 19, 2021



Comprehensive Review Final Report

TEXAS A&M UNIVERSITY

The Path Forward
M. Katherine Banks
Texas A&M University
December

"The recommendations in this report provide a clear path forward for TAMU's goal of becoming a globally recognized institution. The recommendations include greater collaboration, transparency, and the use of TAMU's wide range of talent, research, and resources. The recommendations in this report are designed to ultimately benefit all constituents and stakeholders, furthering TAMU's mission."

Summary of Actions and Working Group Leads

December 2021

Recommendation	Decision	Working Group Lead	Working Group #
Provost Office			
Recommendation #1: Reorganize the Office of the Provost to allow greater focus on academic excellence.	Accept Recommendation with position title to be Provost and Chief Academic Officer	Tim Scott	1
Recommendation #2: Centralize undergraduate academic advising at the University level	Reject Recommendation with Modification to Current System - College centralized academic advising reporting structures will be utilized with common advising platform and software	Tim Scott	2
Recommendation #3: Elevate the Higher Education Center at McAllen	Accept Recommendation with modification to expand focus to all remote locations (McAllen, Fort Worth/Dallas, Galveston, Qatar, Houston-HSC-EnMed)	Susan Ballabina	3



Comparison

Top 5 Priorities

1. **Secure a visionary donor, ensure facilities reflect our preeminence**
2. **Enhance the prominence of the Architecture degree and right-size our other programs for best quality and the right quantity.**
3. **Create DESIGN industry relations, build on CONSTRUCTION success.**
4. **Emphasize innovative and impactful research...for the right reasons.**
5. **Leverage synergy, reduce overlap, and encourage impactful interdisciplinary experiences in a phased-in approach that works for APRs/accreditation**

President Banks Discussion

1. **A plan to do away with University Studies-Architecture (USAR) and admit these students to department-served majors**
2. **Secure support for growing the Construction Science (COSC) program to 2,000 or preferably 2,500 students**
3. **Prepare and staff the new B. Arch program/“Modernize curriculum”**
4. **New Facilities Requests**
 - Construction Field Lab
 - DESIGN+CONSTRUCTION

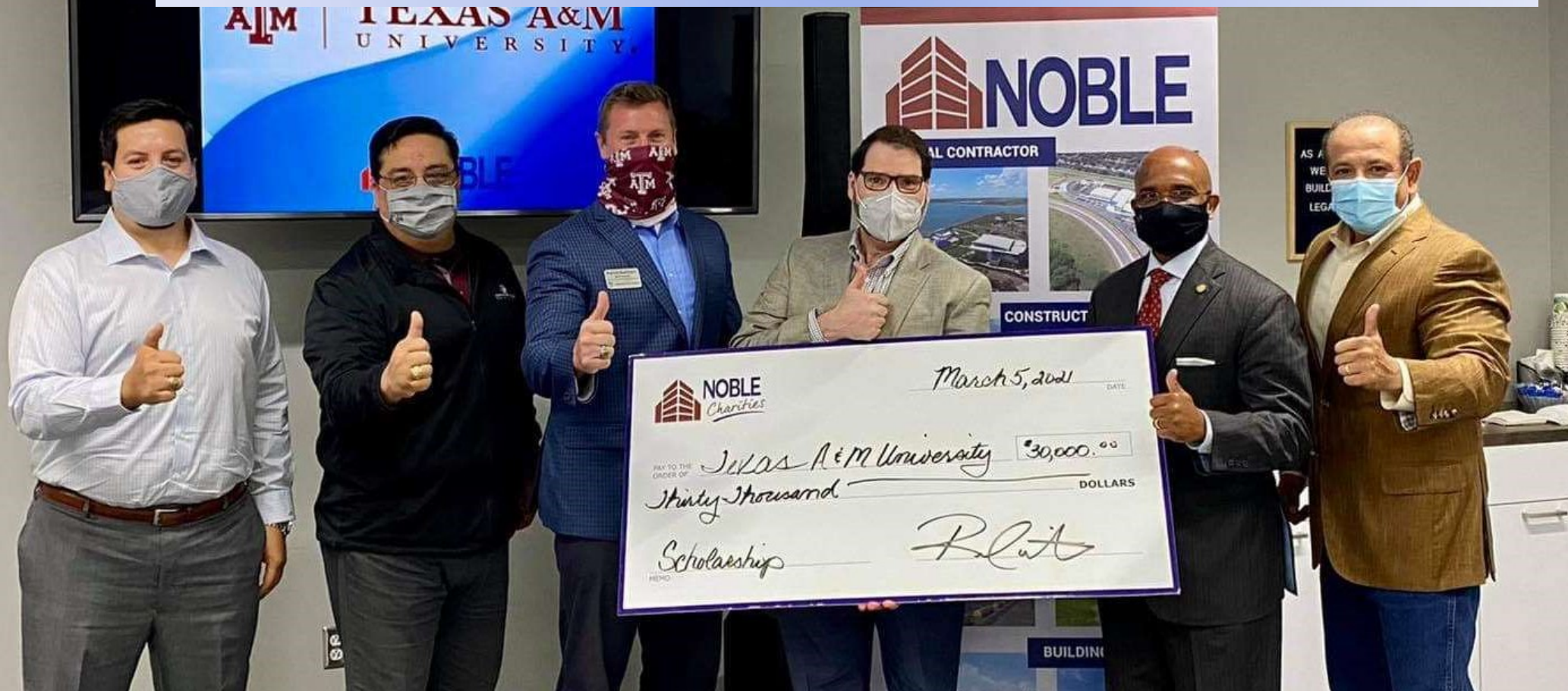
Secure a visionary donor
Ensure facilities reflect our preeminence



**Enhance the prominence of the Architecture degree
and right-size our other programs for best quality
and the right quantity**



Create DESIGN industry relations Build on CONSTRUCTION success



**Innovative and impactful research...
...for the right reasons**





**Impactful interdisciplinary experiences that
work for APRs/accreditation**



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Texas A&M Construction Science

Dr. Phil Lewis

Interim Department Head

Department of Construction Science

Overview



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1. COSC Leadership
 2. Graduate Program – PhD and MSCM
 3. COSC Enrollment Growth
 4. Construction Field Lab
-

COSC Leadership



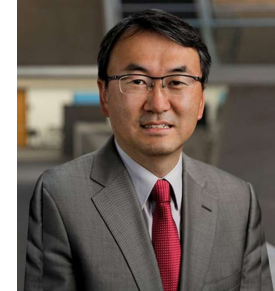
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Phil Lewis
Interim Dept. Head



Debra Ellis
Assoc. Dept. Head



David Jeong
Assoc. Dept. Head
& PhD Coordinator



Amir Behzadan
MSCM Coordinator



Tony Marraro
MSCM Online Coordinator



Sarel Lavy
Assessment Advisor

Graduate Program



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- PhD in Construction Science
 - Currently ~25 transfer students
 - First new cohort in Fall 2022
 - MS in Construction Management
 - Currently ~150 students
 - Online program to begin admissions for Fall 2023
-

COSC Enrollment Growth



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Grow COSC to 2500 students by 2027

	Current	Projected	Difference
Student Enrollment	1300	2500	1200
Faculty	39	95	56
Staff	4	16	12
Advisors	3	10	7
Recruiters	0	3	3
Social Media	0	4	4
Facility Space	36,850 sf	96,850 sf	60,000 sf

Construction Field Lab



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1. Surveying
2. sUAS/drone flights
3. QA/QC – ex - Concrete Slump tests/mix design
4. CMU wall or Constructionarium kit assemblies
5. Dimensional lumber/woodframe construction
6. Aggie BUILD/Big event/service projects (outreach type events either inside or outside classes)
7. Heavy Equipment familiarization/cycle times
8. Vendor demonstrations/competition team lockdowns
9. Flex space for researchers/experimentation.
10. Robotics/ Artificial Intelligence/ Smart Construction lab.
11. Safety education/demonstrations.
12. Continuing education/certification courses (CEU/PDH)



Construction Field Lab



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CONSTRUCTION



FIELD LAB



Cost Database Survey



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- Please contact Dr. Sarel Lavy if you have any questions or wish to participate:
 - lsarel@tamu.edu
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Texas A&M Construction Science

Industry Relations Office

Hernan Guerra – Tonya Kidwell

New CIAC Biennial Report



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Welcome to CIAC: New to 2022



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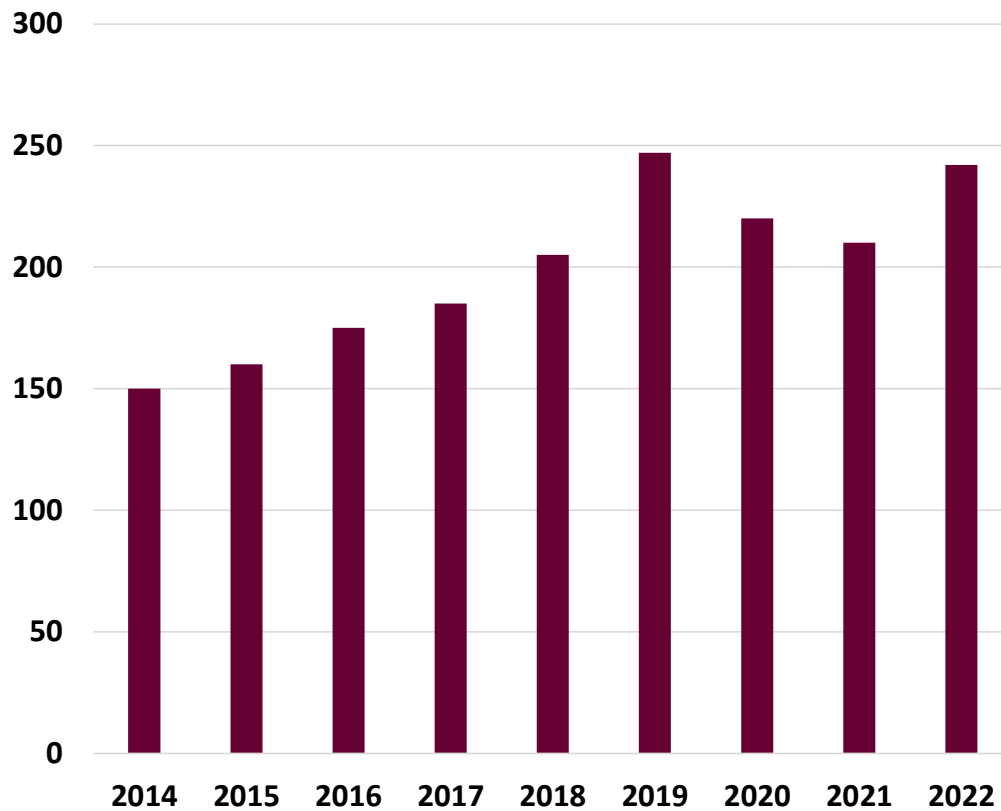
Ashton Woods / Starlight Homes	GroundFORCE Building Systems, LLC	MI Inc Mechanical Contractors
Billd	Guido Construction	Modern Constructors
Builders FirstSource	Hajoca (Moore Supplies)	Newtron Beaumont, L.L.C
Butler-Cohen LLC	Haselden Construction	Northstar Fire Protection
Capital Commercial Investments, Inc	Heavy Construction Systems	Partners In Building
CastleRock Communities, LLC	Huffman Contractors	Phillis/May Corporation (Gilbert May, Inc)
CDC	Hutchinson Construction	Proverb Construction LLC
CE Barker	Jenkins Design Build	QTS Data Centers
Clark Wilson Builder GC, LLC	JK Bernhard Construction Co., LLC	rand* construction
Comfort Systems USA	Keller North America Inc.	RED HAWK Contracting Company Inc
Conti Federal Services LLC	Lee Lewis Construction	REEDER Construction
db Constructors	Legacy DCS/MCS	Skyler Design Build
DynaGrid	LGE Corporation	Structures & Interiors, Inc
E & S Construction	LGI Homes	Suffolk
ECBuild LLC	Lifescape Colorado	Talley Riggins Construction Group
Encore Electric	Lithko Contracting LLC	Taylor Morrisson of Texas - Darling Homes
Evers & Sons Inc.	Locke Solutions	TCS Mechanical
G. W. Mitchell Construction	Los Alamos National Laboratory	The Morgan Group
Gallagher Construction Services	LPL Solar LLC	UnionMain Homes

CIAC Company Market Diversity Update

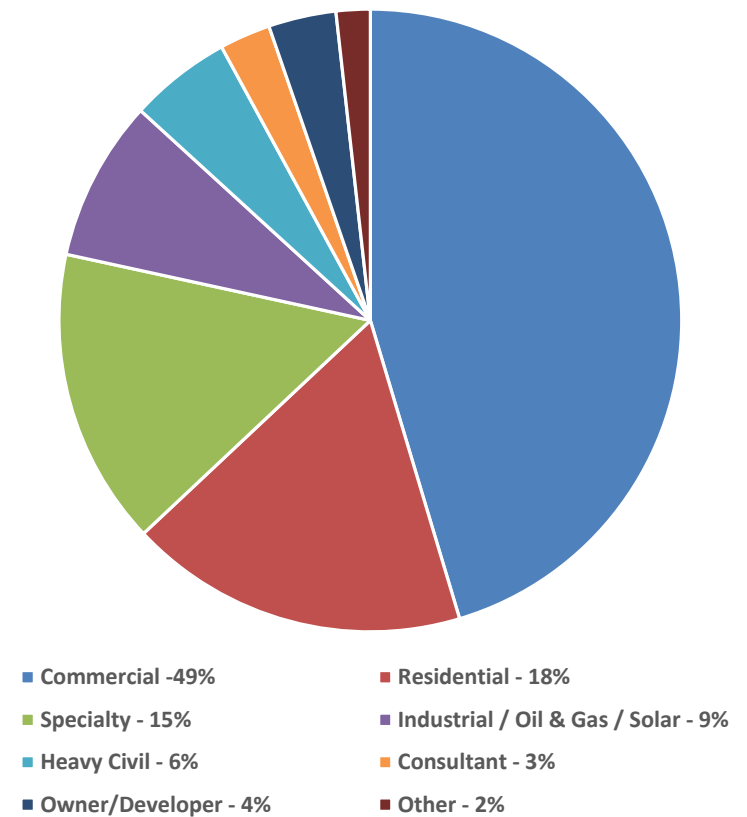


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CIAC numbers by year



CIAC by Industry Sector



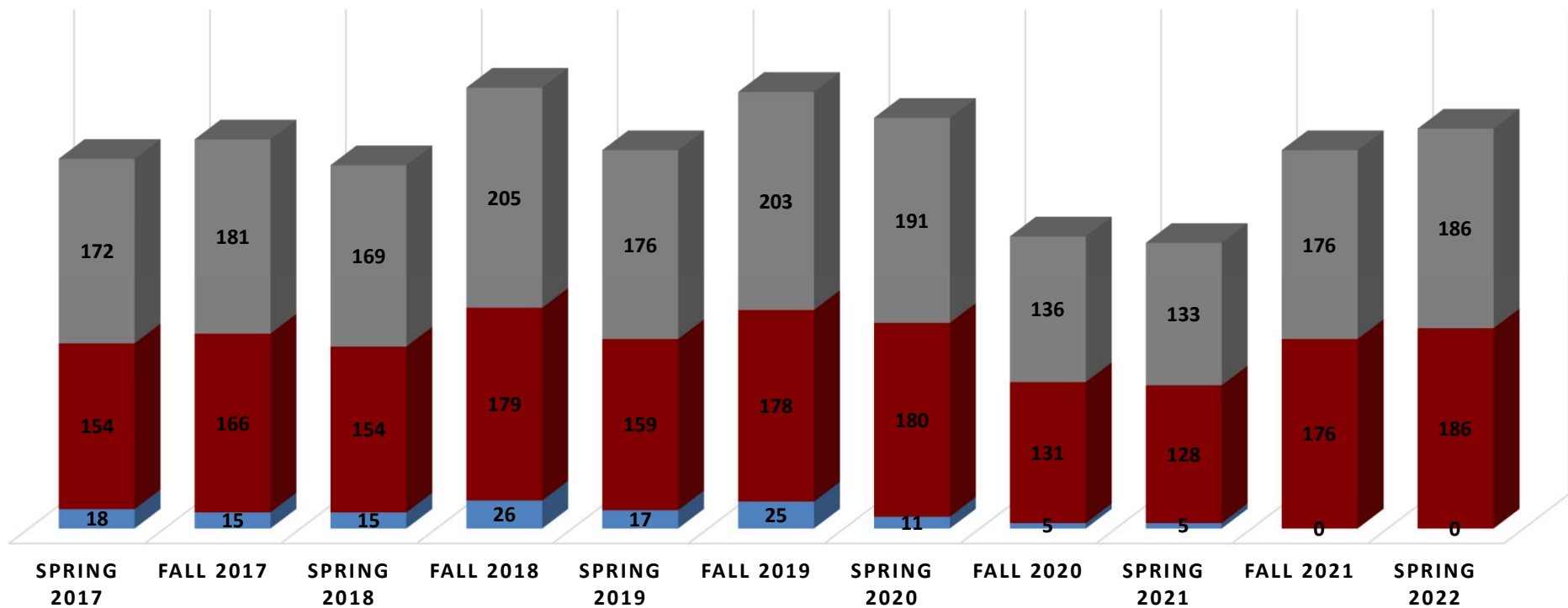
Career Fair Attendance



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COSC CAREER FAIR ATTENDANCE:
2017-2022

■ NON-CIAC ■ CIAC ■ TOTAL



Career Fair Registration



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Registration is now OPEN!!
Planning for 210 companies!

New Format:

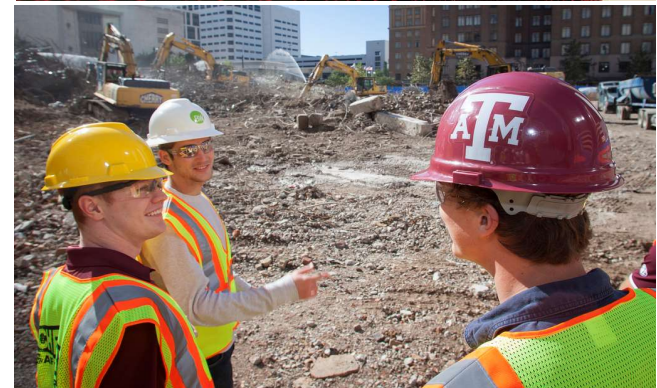
- Career Fair from 8am to 1pm (one extra hour)
 - Lunch in your own booth from 1pm to 2pm
 - Interviews in your own booth from 2pm to 6pm and on Friday
-

STUDENT EXIT SURVEY DATA



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**NEW NUMBERS AVAILABLE
FROM FALL 2021 EXIT SURVEY**



COMPARISONS OF FALL 2021 VS SPRING 2022

- *136 Students in Fall 2021 – 141 in Spring 2022*
 - *Average Salaries - \$18.15/hr. – (up from \$17.84)*
 - *Most Common hourly salary - \$18.00/hr.*
 - *Highest Salary (within the US) - \$25/hr. (No Change)*
 - *Lowest Salary - \$16/hr. (up from \$15)*
-

Internship Program



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PRELIMINARY DATA
FOR FALL 2022

(NOT FINAL)

OVERALL AVERAGE
SALARY

\$20.31

UP FROM \$18.15

STUDENT CLASSIFICATION	UNDERGRADUATE	GRADUATE
NUMBER OF STUDENTS SO FAR	67	50
LOW SALARY	\$ 15.00	\$ 17.00
AVERAGE SALARY	\$ 18.95	\$ 23.25
HIGH SALARY	\$ 29.00	\$ 39.00
MOST COMMON	\$ 19.00	\$ 25.00

Internship – CIAC Exposure



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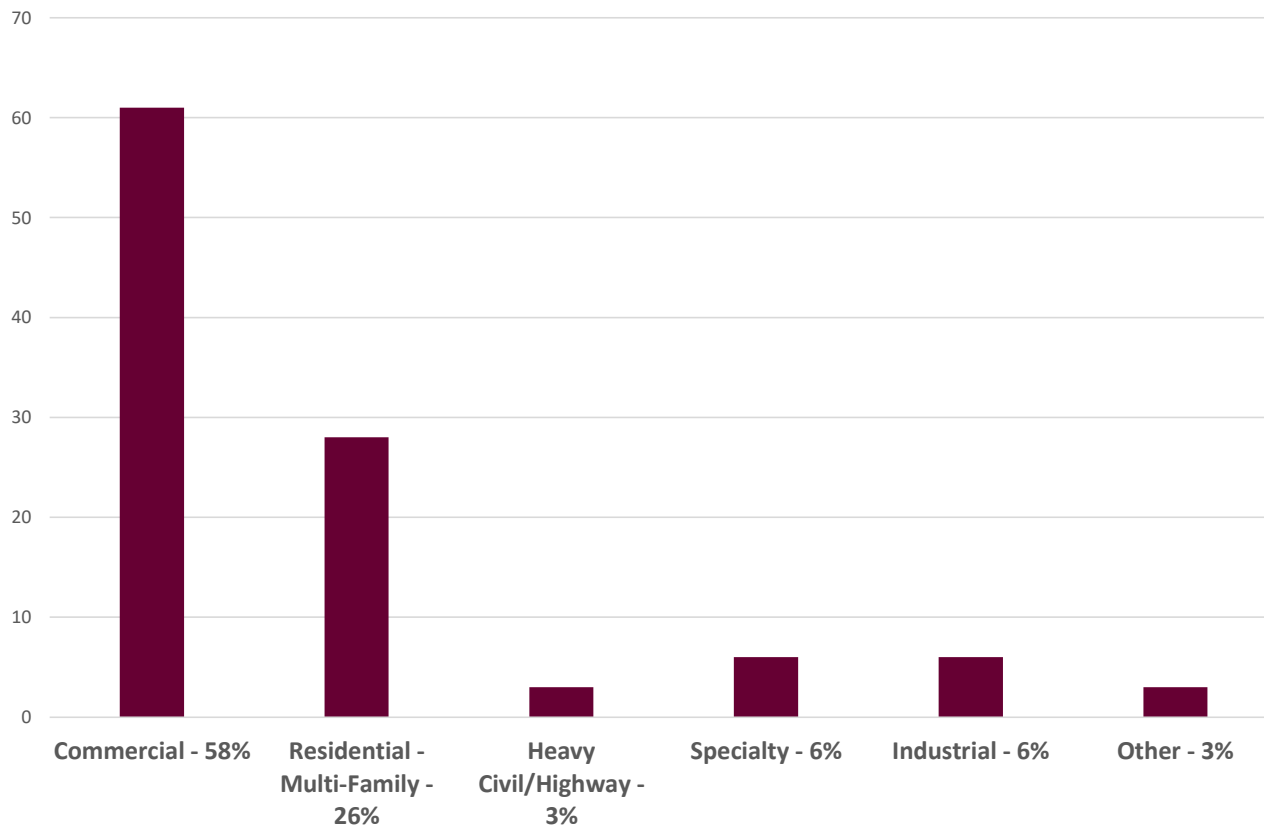


Full Time Sectors, Areas and Titles Spring 2022 Data



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Hiring by Industry Sector

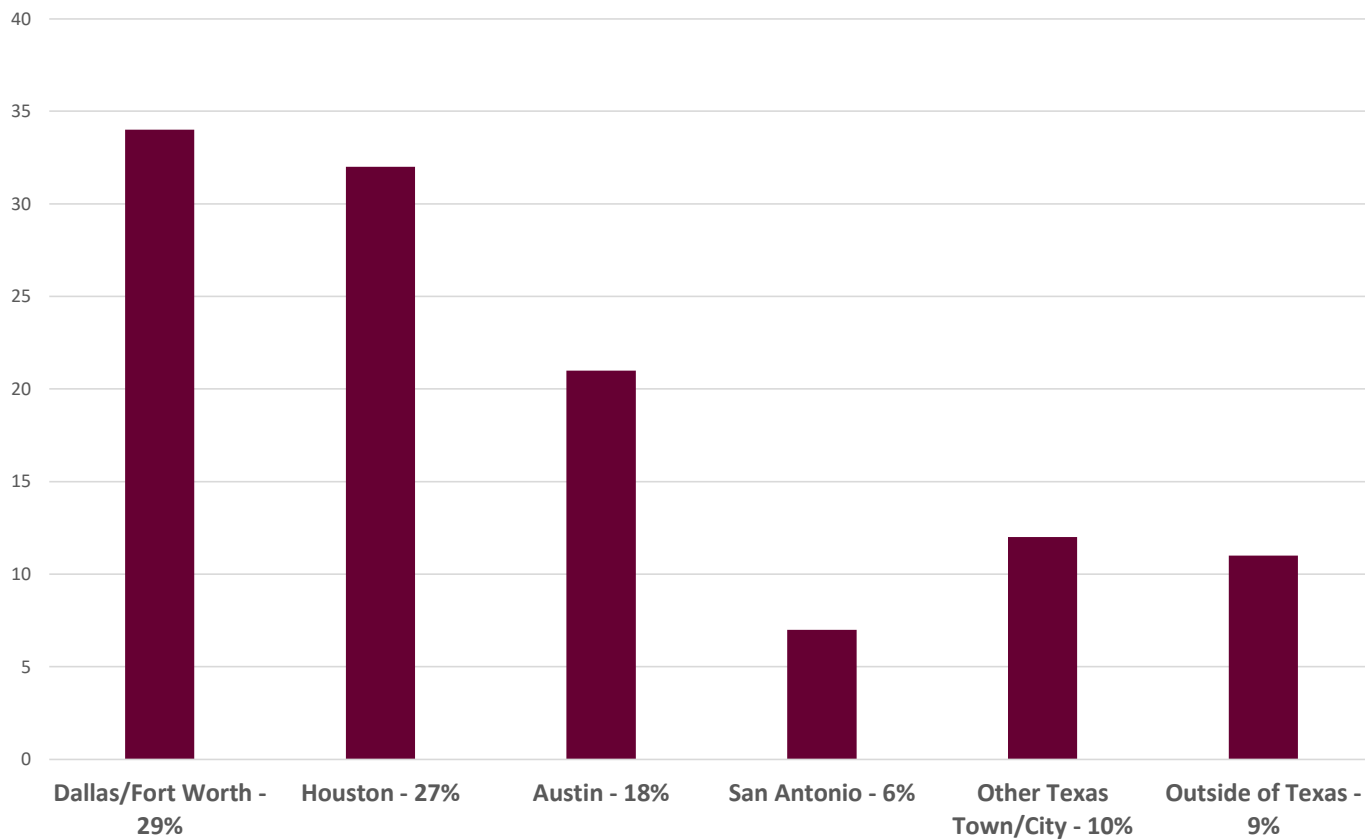


Full Time Sectors, Areas and Titles Spring 2022 Data



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Student Hiring by Region



Starting Salaries by Title



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		Fall 2021	Spring 2022
Assistant Project Manager	Highest Salary	\$ 75,000.00	\$ 80,000.00
	Average Salary	\$ 65,619.00	\$ 67,270.00
	Lowest Salary	\$ 55,000.00	\$ 48,000.00
Field Engineer	Highest Salary	\$ 68,000.00	\$ 64,000.00
	Average Salary	\$ 65,666.00	\$ 68,000.00
	Lowest Salary	\$ 64,000.00	\$ 72,000.00
Project Engineer	Highest Salary	\$ 85,800.00	\$ 80,000.00
	Average Salary	\$ 66,420.00	\$ 67,703.00
	Lowest Salary	\$ 64,000.00	\$ 60,000.00

Average Salaries – Spring 2022



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Average Salary	\$ 67,758.00
Lowest Salary	\$ 45,000.00
Highest Salary	\$ 100,000.00
Most Common	\$ 65,000.00

Students With Bonus	50%
Lowest Bonus	\$ 800.00
Average Bonus	\$ 5,109.00
Highest Bonus	\$ 36,000.00

Average Salaries Last 2 years



Important Dates



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	<u>2022</u>	<u>2023</u>	<u>2024</u>
Career Fair			
Spring	Thursday & Friday, February 17-18	Thursday & Friday, February 16-17	Thursday & Friday, February 15-16
Spring Virtual	Friday, February 25	Friday, February 24	Friday, February 23
Fall	Thursday & Friday, September 15-16	Thursday & Friday, September 14-15	Thursday & Friday, September 19-20
Fall Virtual	Friday, September 23	Friday, September 22	Friday, September 27
Board Meeting			
Spring	Friday, April 29	Friday, April 28	Friday, April 26
Fall	Friday, October 28	Friday, October 27	Friday, October 25
Scholarship and Awards Banquet			
Spring	Thursday, April 28	Thursday, April 27	Thursday, April 25
Summer Luncheons			
Austin	Wednesday, July 13	Wednesday, July 12	Wednesday, July 10
San Antonio	Thursday, July 14	Thursday, July 13	Thursday, July 11
Houston	Wednesday, July 20	Wednesday, July 19	Wednesday, July 17
Dallas	Thursday, July 21	Thursday, July 20	Thursday, July 18
Harlingen	Tuesday, July 26	Tuesday, July 25	Tuesday, July 23
Tailgate	Saturday, September 17 BTHOmiami	Saturday, September 16 BTHOulm	Saturday, August 31 BTHOnotredame

* All dates are tentative and subject to change

CIAC MATCHING ENDOWMENT OPPORTUNITIES

- *2022 is First year with 16 available CIAC matches – up from 12*
 - *As of June, 12 of the 16 matches are committed*
 - *Information available with Heather and Erik from the Foundation (here today)*
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Thank you

QUESTIONS
