

OPENING REMARKS

Dr. Elizabeth With

Senior Vice President for Student Affairs



WELCOME

Amy Ferman

Associate Director for Employer Services



WELCOME

2025 EMPLOYER BEST PRACTICES CONFERENCE

8:15 AM - 9:15 AM	CHECK IN & REFRESHMENTS
9:15 AM - 9:30 AM	WELCOME & OPENING REMARKS
9:30 AM - 10:00 AM	KEYNOTE SPEAKER
10:00 AM - 10:15 AM	NETWORKING BREAK
10:15 AM - 11:00 AM	BREAKOUT SESSIONS
11:00 AM - 11:45 AM	CAMPUS PARTNER EXPO
11:45 AM - 1:00 PM	LUNCH & PRESENTATIONS
12:15 PM - 12:30 PM	WORKFORCE SOLUTIONS FOR NORTH CENTRAL TEXAS
12:30 PM - 1:00 PM	UNT STUDENT PANEL
1:00 PM - 1:15 PM	NETWORKING BREAK
1:15 PM - 1:30 PM	UNT CAREER READINESS CURRICULUM
1:30 PM - 2:00 PM	UNT CAREER COACH PANEL
2:00 PM - 2:15 PM	CLOSING REMARKS

FALL 2025 CAREER EVENTS

JOBS | INTERNSHIPS | CONNECTIONS



UNIVERSITY OF NORTH TEXAS
Career Center

SEPTEMBER

JCPenney Suit Up Event

September 3 | 4 pm - 7 pm | Denton JCP

Business Career Fair

September 10 + 11 | 3 pm - 6 pm | Union 314

Professional Networking

Series: Human Resources

September 16 | 4 pm - 6 pm | Union 314 A/B

Sport and Recreation

Management Career Fair

September 19 | 1 pm - 4 pm | Union 333

STEM Career Fair

September 24 | 11 am - 3 pm | Discovery Park

College of Merchandising, Hospitality & Tourism Career Expo

September 24 | 10 am - 1 pm | Union 314

Professional Networking

Series: Banking/Finance

September 25 | 4 pm - 6 pm | Union 333

Graduate & Professional School Fair

September 30 | 2 pm - 5 pm | Union 314

OCTOBER

Music Career Night

October 2 | 5 pm - 9 pm | Music Building

Broaden Your Scope

October 8 | 4 pm - 6:30 pm | Union 382

Meet the Accounting Firms

October 9 | 4 pm - 6:30 pm | Union 314 A/B

Computer Science Career Fair

October 22 | 1 pm - 3 pm | Disc Park 2nd Floor

Risk Management and Insurance Career Fair

October 30 | 2 pm - 4 pm | Union 314 A/B



NOVEMBER

DSA Etiquette Dinner

November 4 | 5 pm - 8 pm | Union 314

Professional Networking

Series: Communications

November 6 | 4 pm - 6 pm | Union 333

TWU/UNT Education Career Fair

November 11 | 11 am - 2 pm | TWU Campus

Virtual Career Fair

November 13 | 11 am - 3 pm | Virtual

All Majors Career Fair

November 18 | 1 pm - 4 pm | Union 314/333

 @untcareercenter

 careercenter.unt.edu

 Sage Hall, Suite 202



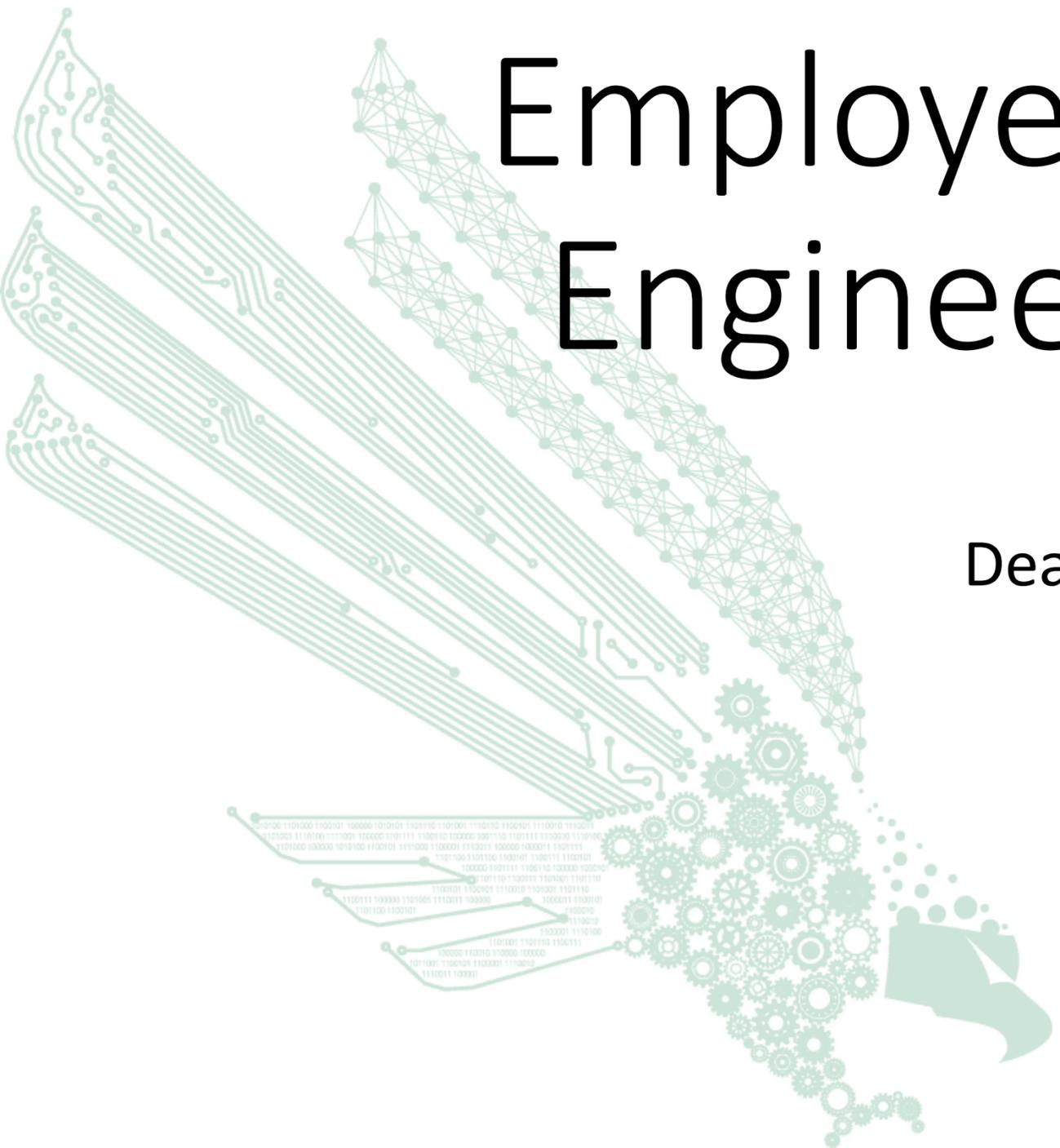
bit.ly/untcareerevents

KEYNOTE SPEAKER

Dr. Paul Krueger

Dean of the College of Engineering





Employer Best Practices – Engineering Perspective

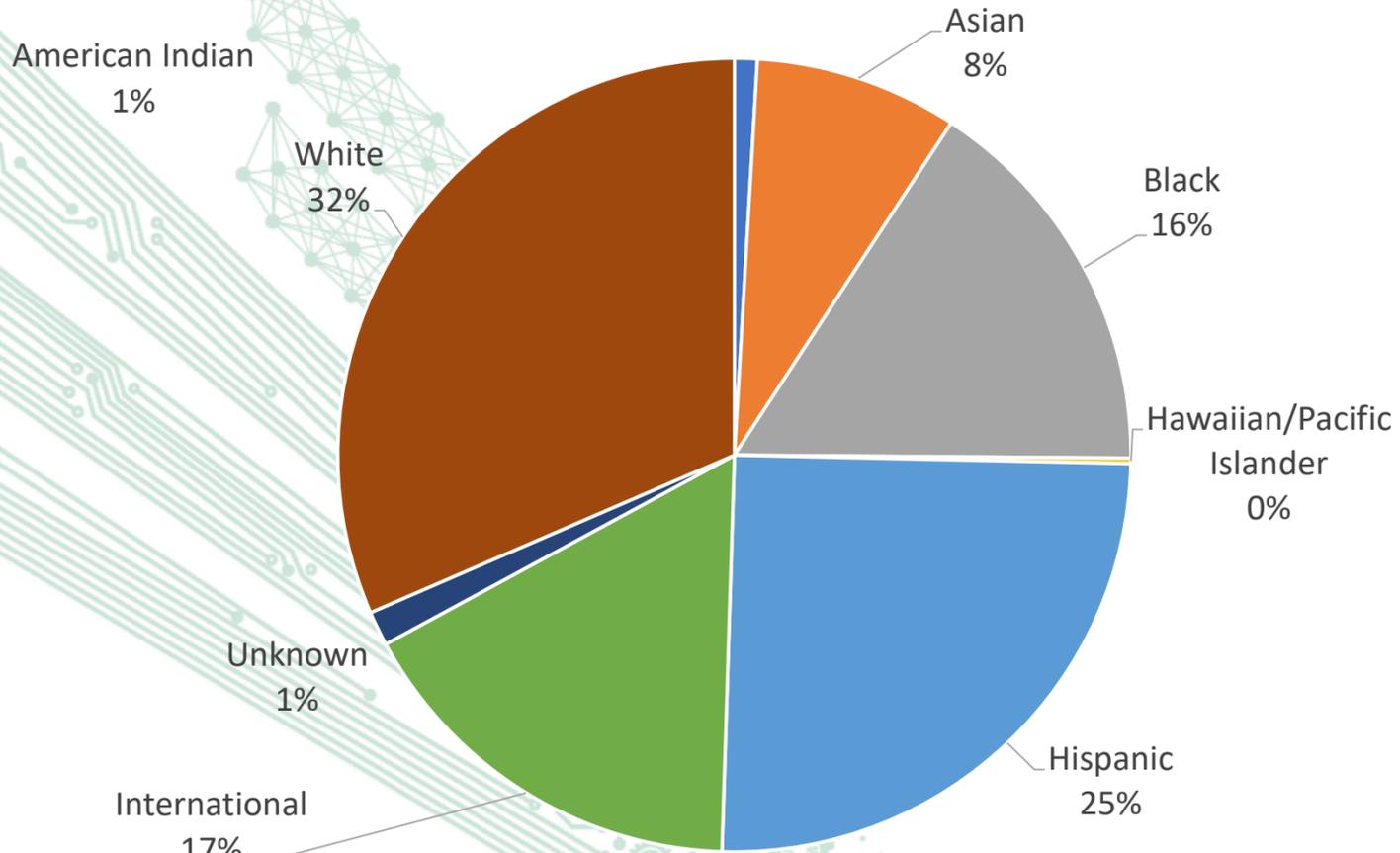
Paul Krueger

Dean, College of Engineering

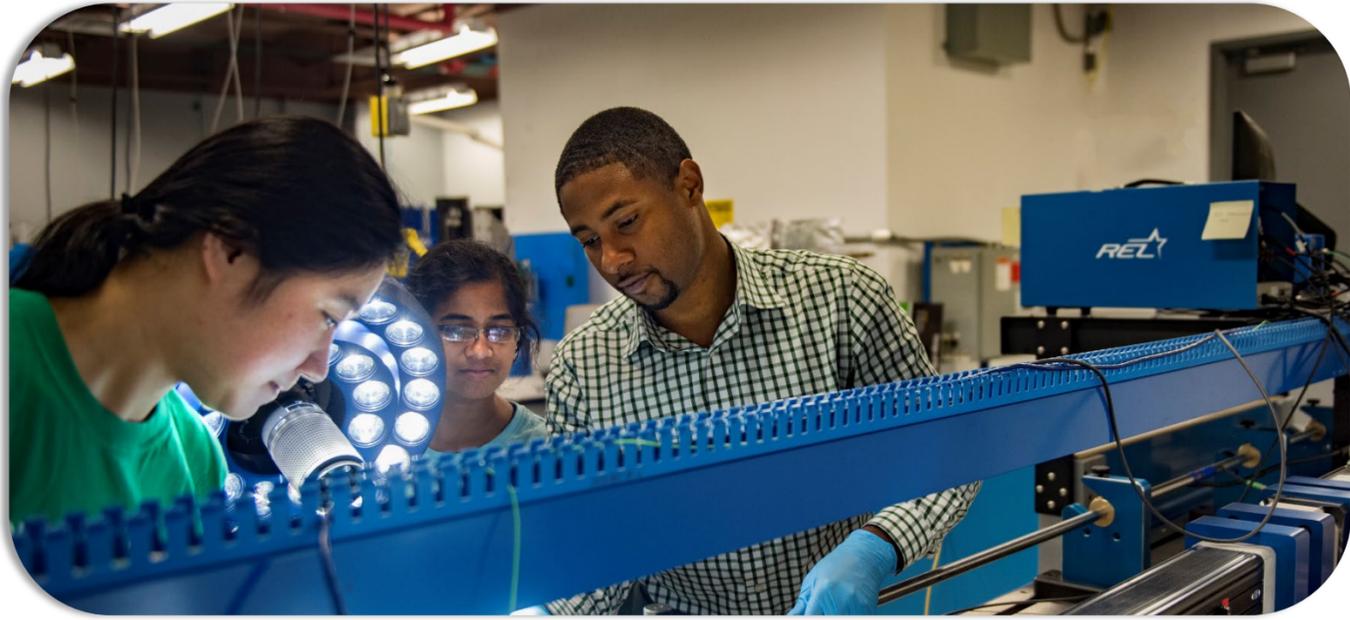
August 1, 2025

University Overview

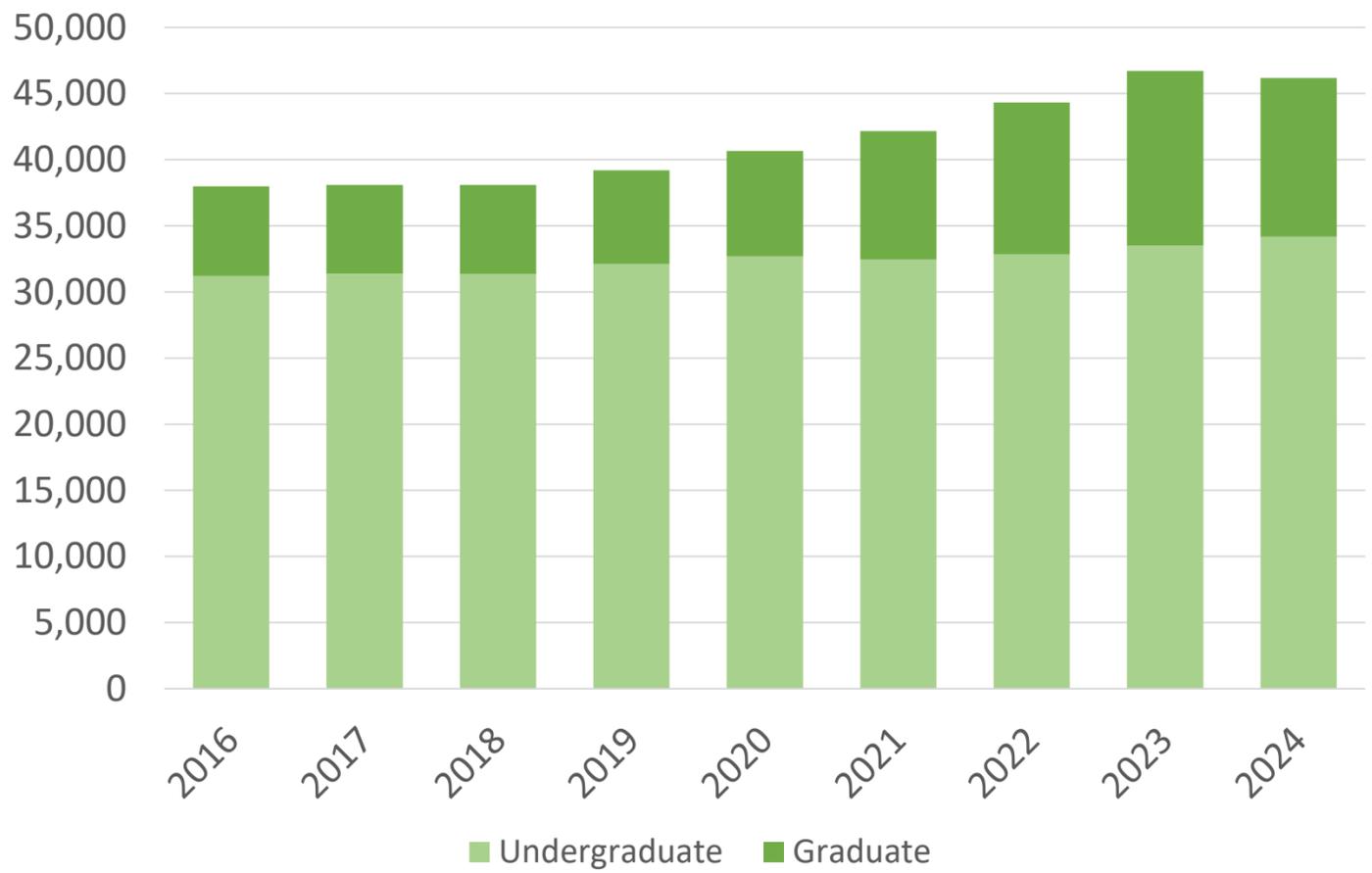
Fall 2024 Demographics



First Generation Student: 41% of Fall 2024 undergraduates



UNT Total Fall Enrollment



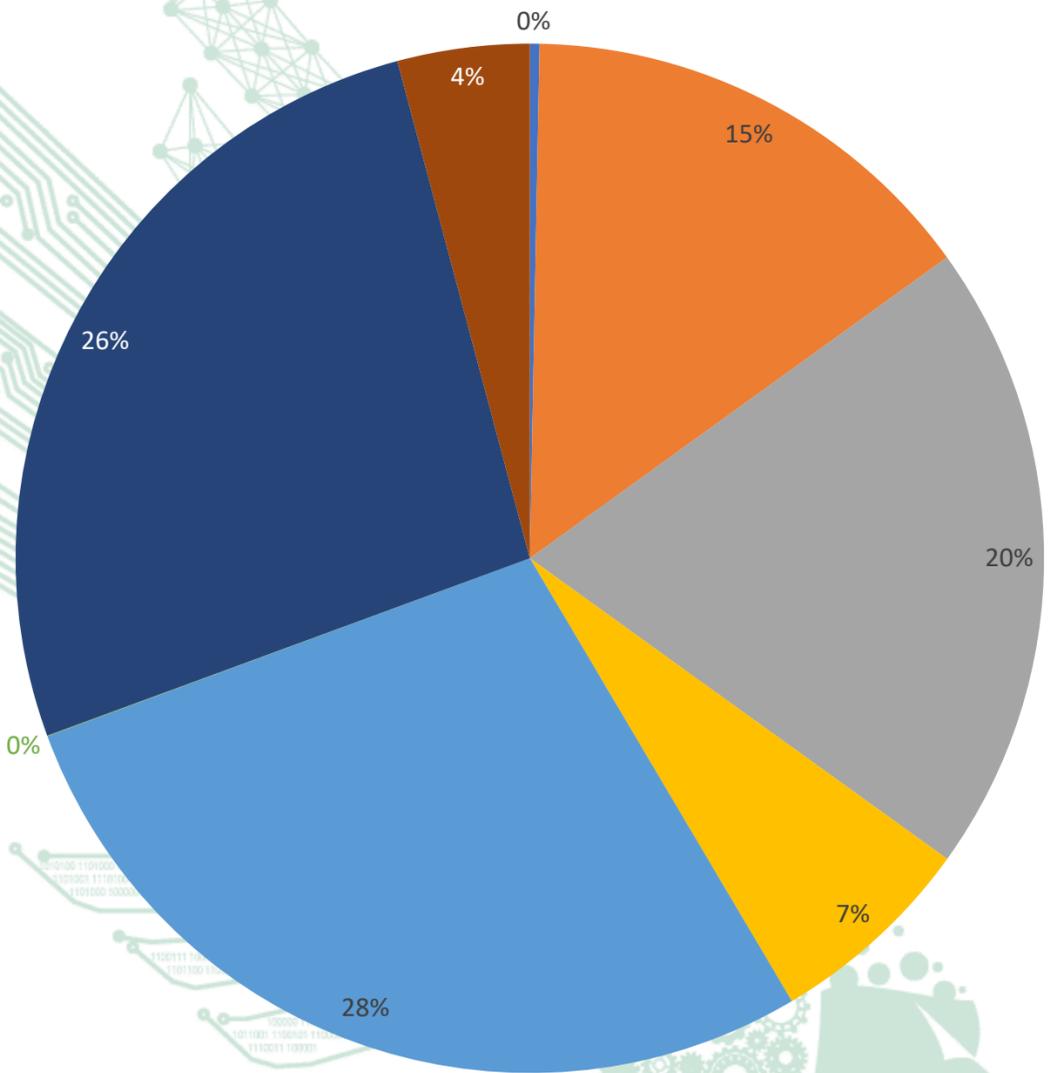
College of Engineering: Discovery Park



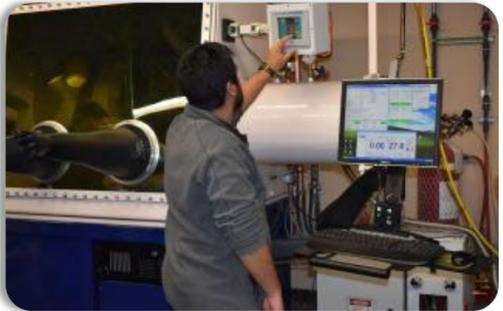
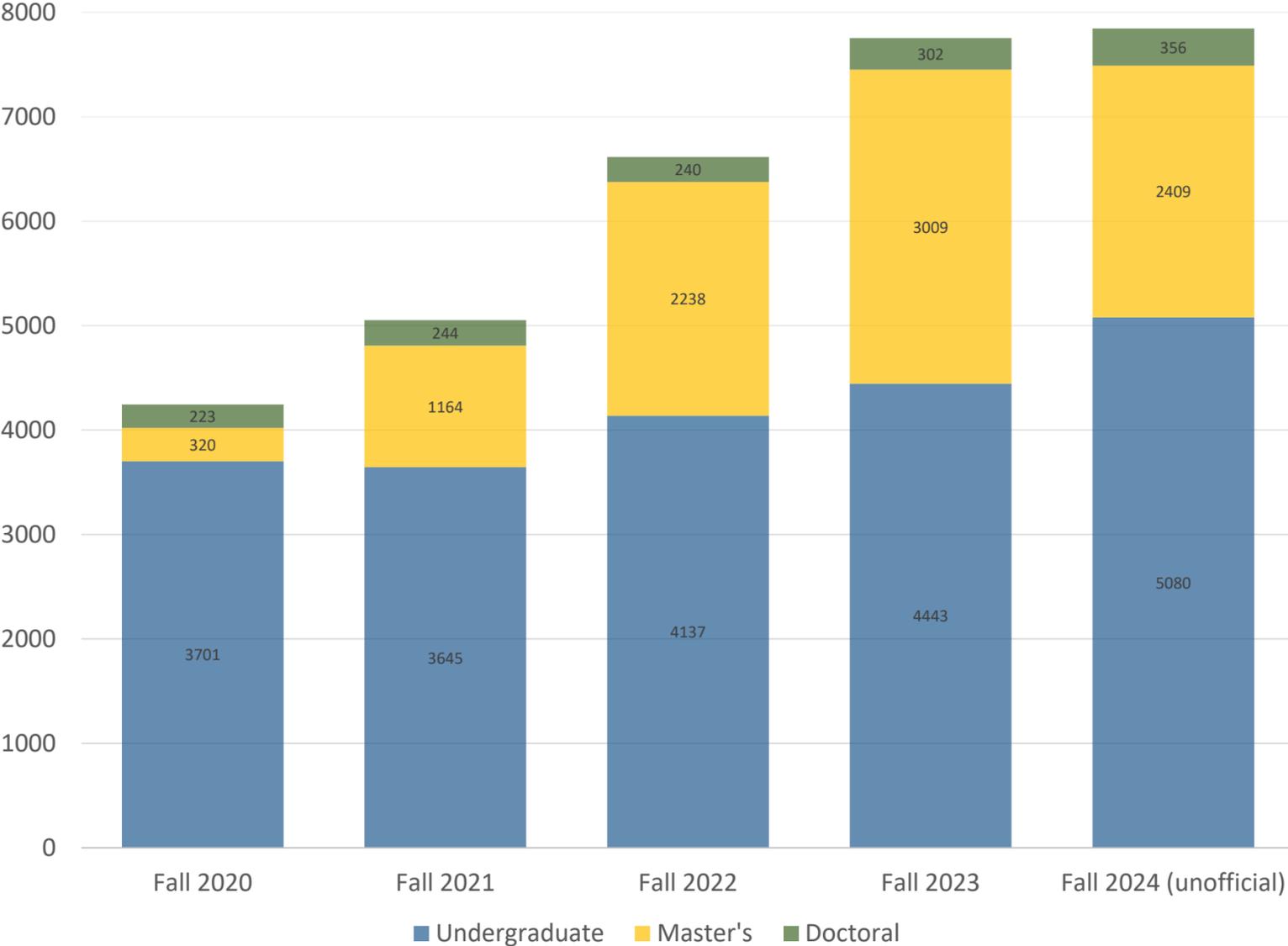
College of Engineering Overview

Undergraduate Students by Race/Ethnicity
(Fall 2024)

- American Indian/Alaska Native
- Asian
- Black/African American
- Hispanic/Latino
- Multi-racial/Bi-racial
- Native Hawaiian/Other Pacific Islander
- White/Caucasian
- No race/ethnicity reported



COLLEGE ENROLLMENT 2020 - 2024



College of Engineering Overview

5 Departments

- Biomedical Engineering
- Computer Science and Engineering
- Electrical Engineering
- Materials Science and Engineering
- Mechanical Engineering

Top 100

Public Grad Programs

5,080

Undergraduate

2,765

Graduate

356 Ph.D.



155 Faculty

100 T/TT

56,000 m² facility

Degrees Awarded (2023-2024)

Bachelor's.....532

Master's.....1247

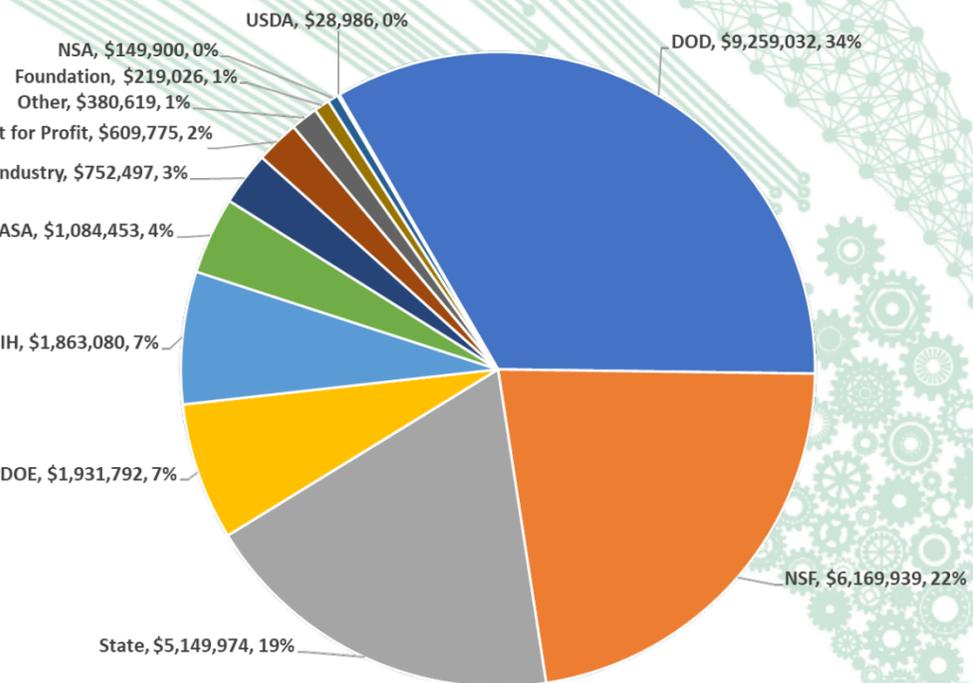
Ph.D.30

CENG Research Snapshot

Expenditures FY24 - \$30.2M



Awards FY24 - \$27.6M



20+ faculty
NAE Faculty
50+ graduate students

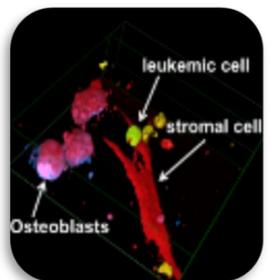
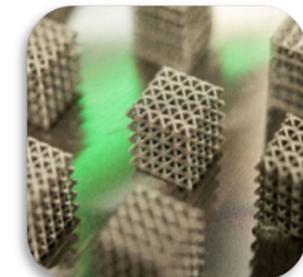
4 Strategic Research Areas



30+ faculty
4 NSF CAREER Awardees

10+ faculty
2 NSF CAREER Awardees

- 50+ Dedicated Research Laboratories
- 5 College Centers
- 3 UNT Centers and 1 Institute
- 4 NAE and 10 NSF CAREER faculty
- 120+ ongoing funded projects
- >250 proposals for \$180M in FY24
- 102 new awards in FY24



Degrees and Programs

Bachelor's, Master's & Ph. D.

Biomedical Engineering

- First PhD at a public university in TX with a start-up track

Computer Science and Engineering

- Computer Science
- Computer Engineering
- Information Technology
- Cybersecurity
- Data Engineering
- AI

Electrical Engineering

Materials Science and Engineering

Mechanical Engineering

- Mechanical and Energy Engineering
- Mechanical Engineering Technology
- Construction Engineering Technology
- Construction Management
- Engineering Management

Certificates

Undergraduate

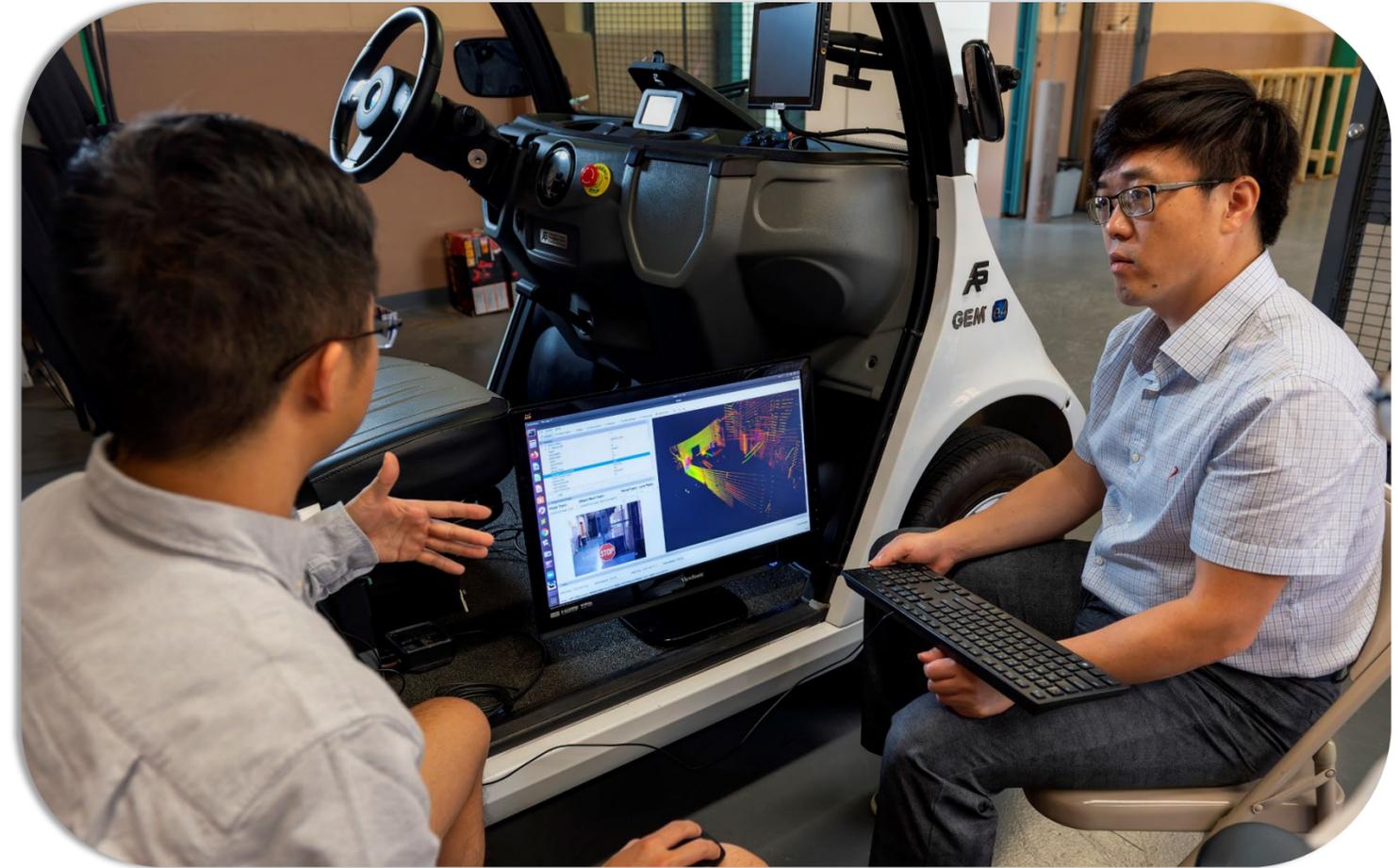
- Additive and Digital Manufacturing
- Mechatronics
- Game Programming, Security
- Manufacturing Engineering Technologies

Graduate

- Advanced Manufacturing
- AI
- Energy
- Semiconductor Manufacturing Engineering

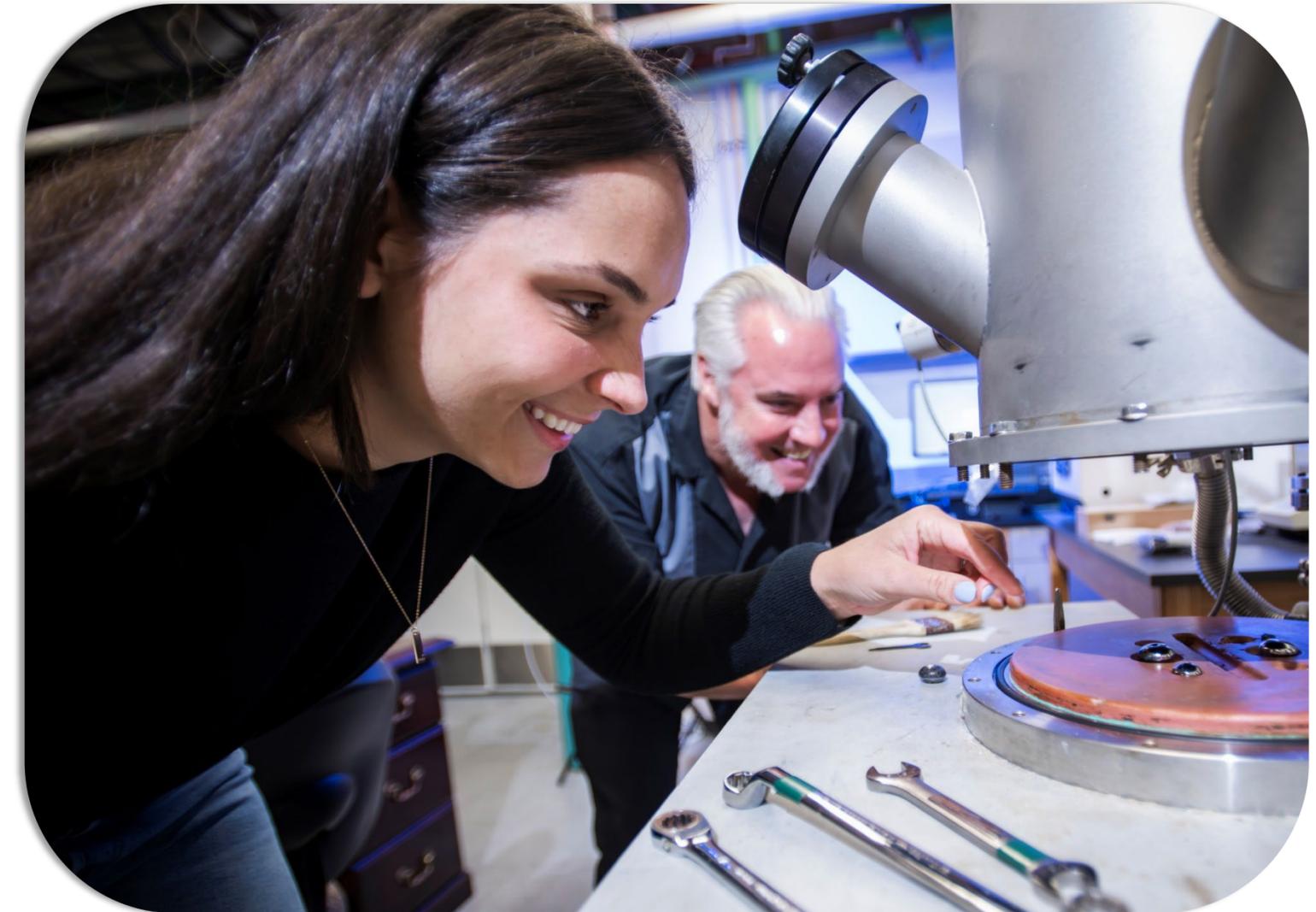
Departmental Highlights

- **Biomedical Engineering**
 - Two minors combined with degree
 - Entrepreneurial focus
 - Specialized skills including FDA standards and regulations
- **Computer Science and Engineering**
 - Applied degree opportunities
 - Opportunities in summer research and project-based learning connected with new technology developments
- **Electrical Engineering**
 - Project-based learning focus



Departmental Highlights (2)

- **Materials Science and Engineering**
 - Community experience
 - Technical focus combined with world-class facilities
- **Mechanical Engineering**
 - Foundational experience in manufacturing
 - Interdisciplinary project opportunities



Corporate Engagement: Recruiting

- Career fairs
- Student internships

Contact:
Laura Garza
Career Center, Associate Director for STEM
laura.garza@unt.edu



Corporate Engagement: Exclusive Access

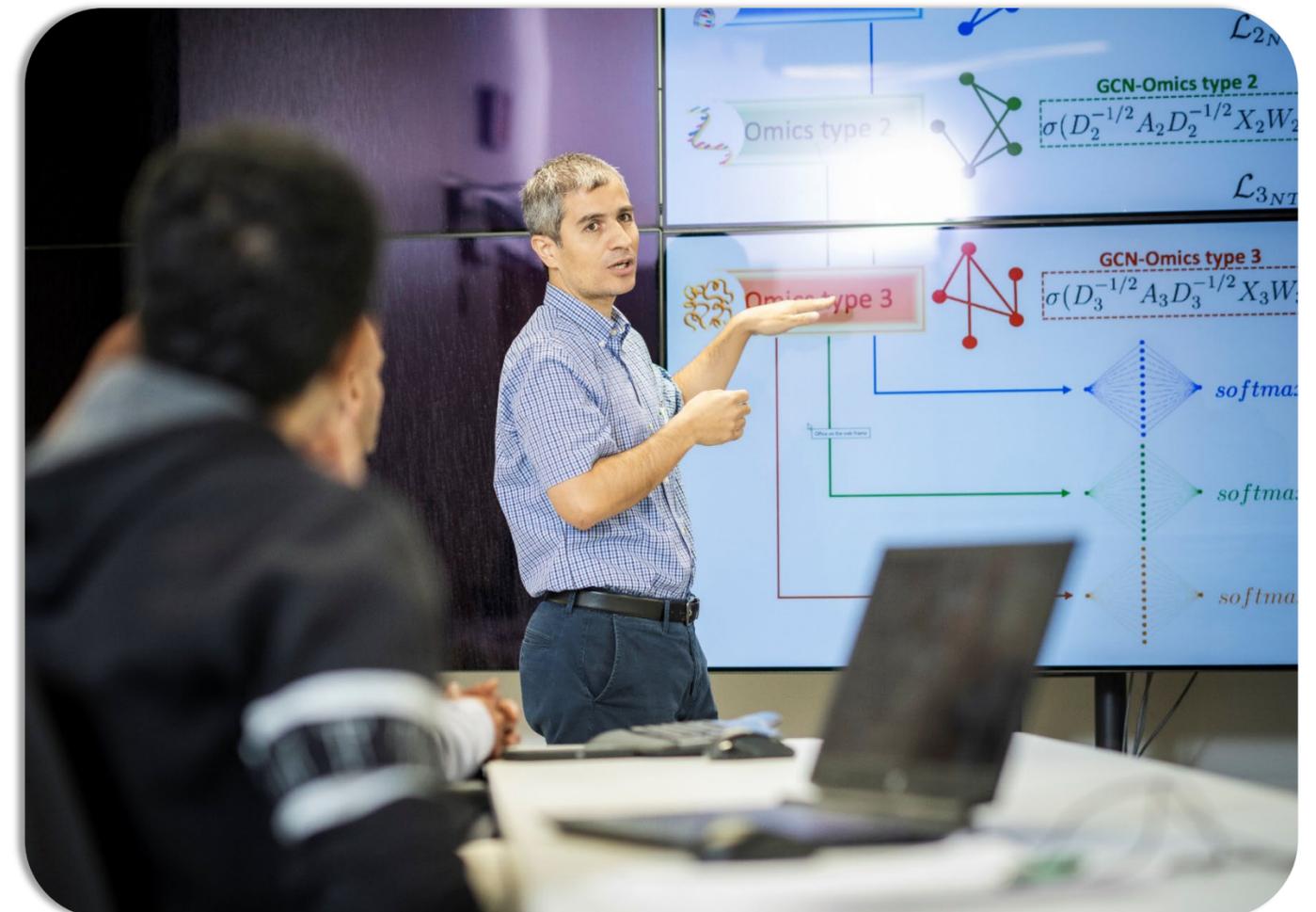
- Tabling at Discovery Park – more focused and exclusive
- Subject Matter Experts – guest lectures
- Lunch and Learn

Contact:

Angus McColl

Assistant Dean for Strategic Partnerships

Angus.McColl@unt.edu



Corporate Engagement: Mentorship

- Capstone Senior Design project sponsorship
- Student competition sponsorship
- Student organization involvement
- Research sponsorship

Contact:

Seifollah Nasrazadani
Associate Dean for Faculty Success and
Student Experience
nasr@unt.edu

Angus McColl
Assistant Dean for Strategic Partnerships
Angus.McColl@unt.edu

- STEM Smart Mentors
 - Portal at <https://engineering.unt.edu/support/career.html>
- Corporate Alumni Events

STEM
Smart Mentors

CHART YOUR FUTURE

Questions



NETWORKING BREAK

Networking Break

From 10:00 am to 10:15 am



BREAKOUT SESSIONS

Breakout Sessions

From 10:15 a.m. to 11:00 a.m.

TXWORKS Internship Program (Union 314 A&B)

Career Treks: Job Shadowing for Career

Success (Union 332)



CAMPUS PARTNER EXPO

Campus Partner Expo

From 11:00 am to 11:45 am

Connect with Academic Departments and
Campus Organizations in Union 333



WORKFORCE SOLUTIONS

Brandi Harrison-Trotter Danielle Davis

Workforce Solutions for North Central Texas





Partnering for Workforce Success: Best Practices from WSNCT

Brandi Harrison Trotter, M.M, CBEP

Industry Workforce Development Specialist & Apprenticeship Navigator

Danielle Davis

Sr. Education Partnerships Coordinator

**WORKFORCE SOLUTIONS**
NORTH CENTRAL TEXAS

A proud partner of the AmericanJobCenter® network

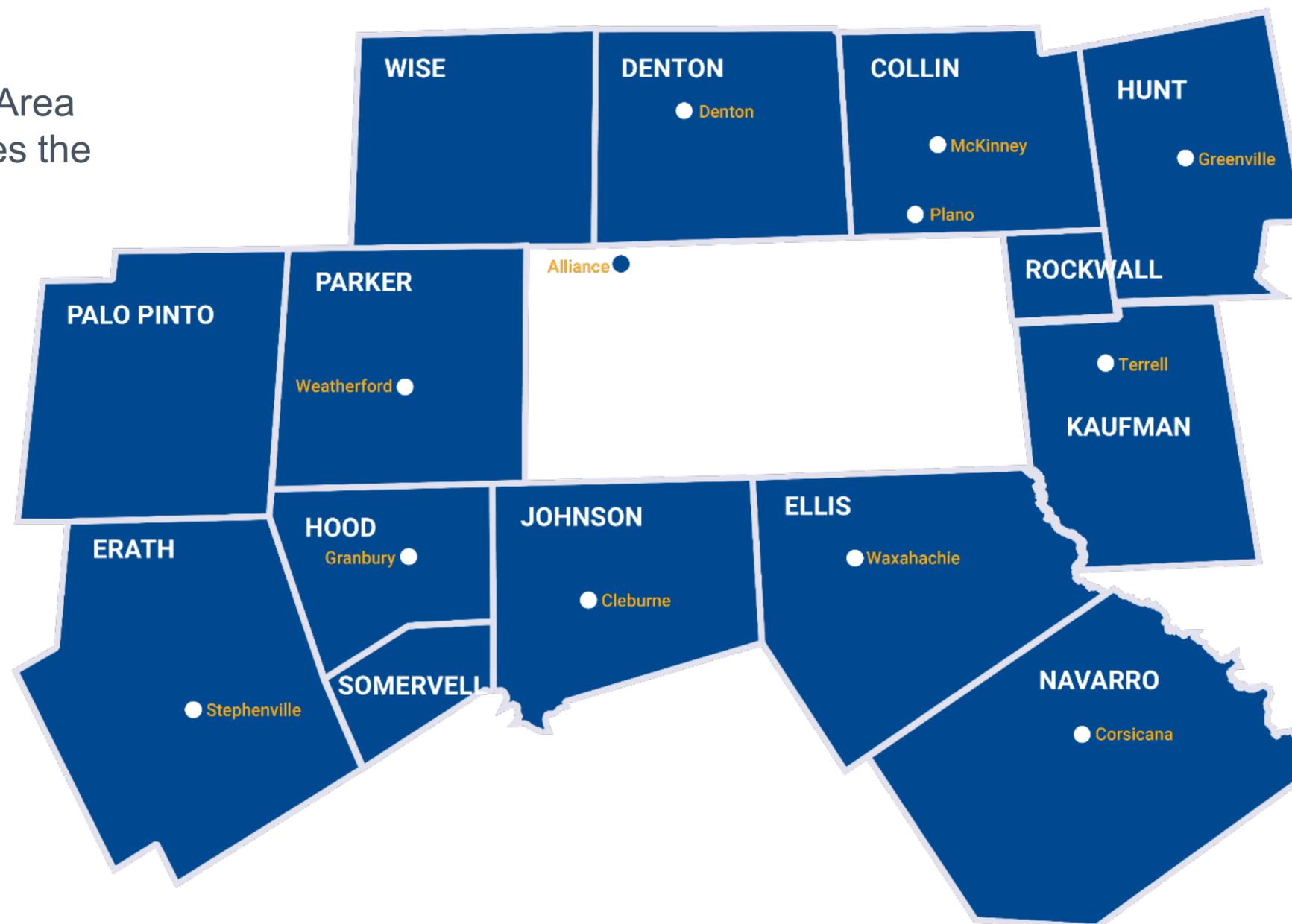
Workforce Solutions for North Central Texas

- **We Serve 14 Counties**

The North Central Texas Workforce Development Area covers more than 10,986 square miles and includes the 14 counties of:

- Collin
- Denton
- Ellis
- Erath
- Hood
- Hunt
- Johnson
- Kaufman
- Navarro
- Palo Pinto
- Parker
- Rockwall
- Somervell
- Wise

- **Competitive, Growing Businesses**
- **Skilled, Self-Sufficient Individuals**
- **Economically Resilient Communities**



Industry & Workforce Engagement Solutions Unit

IWES+



- Data-Driven Decision Making & Assessments
- Strategic Planning & Activation
- System-wide Considerations & Alignment
- Relationship & Community Building
- Thought Leadership / Innovation & Technology
- Continuous Improvement
- Maximize Resource Acquisition & Utilization (Grants)
- Talent Development & Retention

WSNCT Role for Businesses

- **Talent Recruitment & Job matching**
- **Upskilling & Training Support**
 - Partnering with UNT and Higher-Education
 - Stackable Credentials and Upskilling
- **Labor Market Insights**
- **Hiring Events & Customized Services**
 - Skill-Based Hiring; Inclusive Hiring Practices



Employer Grants

WSNCT connects employers to **training grant funding** through our partnership with TWC.

**Funding Opportunities
for Employers:**



Labor Market Information

Economic Profiles

- Provides **current** and relevant regional **economic data**.
- Empowers stakeholders to make **informed decisions** with impactful data.



Career Lattice

- A dynamic **career pathway tool** showcasing multiple directions.
- Encourages varied skills and experiences.



WSNCT Role for Individuals

Help unemployed and under-employed job seekers find **self-sufficiency** and **meaningful employment**.

- Support Services to overcome barriers
- Job Readiness Workshops
- Résumé Creation and Mock Interviews
- Access to Job Postings
- Job Matching & Career Exploration
- Hiring Events and Job Fairs
- Subsidized Employment & Apprenticeships



Join the WSNCT Newsletter



Add us on LinkedIn



Stay Connected!



Questions?

Brandi H. Trotter

BHarrison@dfwjobs.com

Danielle Davis

DRDavis@dfwjobs.com

STUDENT PANEL

Moderator

Student Panel

From 12:30 p.m. to 1:00 p.m.

Bill Hill, Strategic Initiatives Liaison
MHMR Tarrant County



Panel Members



Terence Alexander

Studio Art major with a concentration in Drawing and Painting



Abby Ellison

Marketing major



Rylee Hunter

Human Resource Management major



Sarah Ytuarte

Media Arts major with a minor in Public Relations

NETWORKING BREAK

Networking Break

From 1:00 pm to 1:15 pm



CAREER READINESS

Eileen Buecher

Assistant Vice President for Student
Affairs and Career Success



Academic College Partnerships

114 bachelor's degree, 97 master's degree, and 39 doctoral degree programs

College of Applied and Collaborative Studies

G. Brint Ryan College of Business

College of Education

College of Engineering

College of Health and Public Service

College of Information

Mayborn School of Journalism

College of Liberal Arts and Social Sciences

College of Merchandising, Hospitality and Tourism

College of Music

College of Science

College of Visual Arts and Design

Honors College

Toulouse Graduate School



Preparing UNT Students as Employees of the Future

- Integrating career readiness activities, experiences, and education in Academic Colleges
- Preparing for Change and the Unknown: Marketable skills, Transferable skills, Soft skills, Upskilling and Professional Mindset
- Strong student engagement and learning to advance organizational workforce, impact, growth, and profits
- Creative culture to convert dreams into realized goals

UNT Career Center Commitments

- Prepare students to be career ready because *career readiness is life readiness* .
- All UNT students make informed and confident decisions about their career and life goals.
- Students learn how to identify and communicate their transferable skills developed through their academic, work, leadership, co-curricular, community, and life experiences.
- Students develop skills and knowledge to conduct successful internship, job, and graduate school searches.
- Students have access to jobs, internships, and graduate school guidance and opportunities.
- Career Readiness instructional materials, online resources, networking experiences, and career coaching are provided to students throughout their UNT collegiate experience.

Career Readiness Deliverables

First Year:

- Self assessment and career exploration.
- Create resume.
- Develop a professional introduction.
- Develop a LinkedIn and Handshake profile.

Second Year:

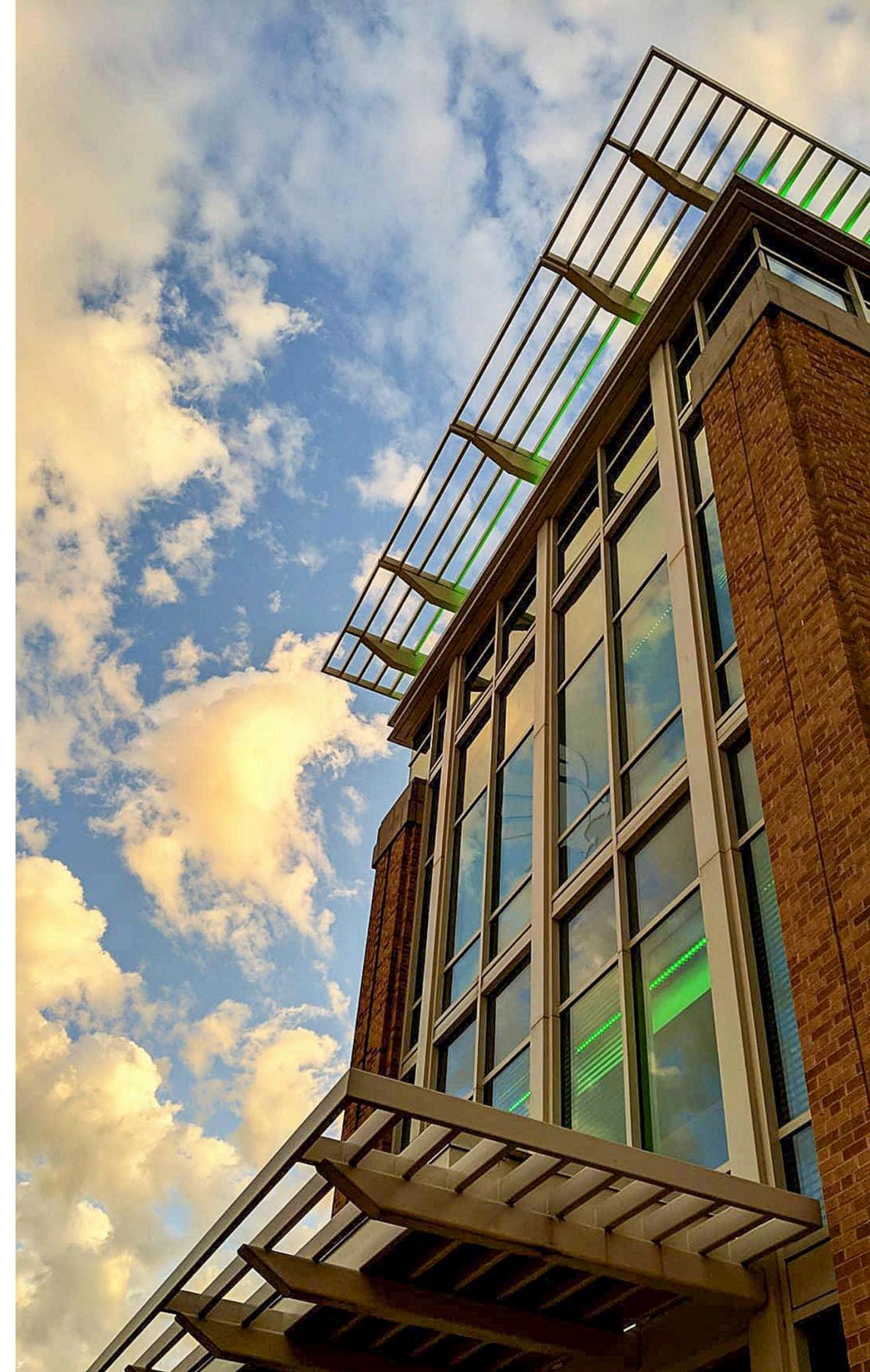
- Learn about career options related to UNT academic majors.
- Create major specific resume and cover letter for dream internship.
- Building confidence in professional communications.
- Complete a practical experience in applying for an internship.
- Upskilling and graduate school planning.

Third Year:

- Internships
- Career Pathways – students will gain clarity on their career plans through 1:1 appointments, Career Fairs, Workshops, etc.
- Learning Outcome – identify career goal and action steps to achieve goal.
- Learning Outcome – identify and articulate skills in writing and verbally.

Fourth Year:

- 50 - minute Seminars
- Career/Job Search Process, “The First 90 Days on the Job,” Salary Negotiation, Networking, etc.





Collaborative Model with Measurable Results

Division of Student Affairs, Academic Colleges,
Career Center, Employer and Alumni Partners

- Focus Groups – Employers, Faculty, Staff, Students, and Alumni
- College Liaison Model
- Curriculum Development Committee – 1st & 2nd Year Curriculum
- College Content Leads and Career Coaches & 4th Year Co-curricular Experiences – 3rd
- Evidence Demonstrates Student Success

Thank you for your partnership!

CAREER COACH PANEL

Moderator

Dr. Brian Hirsch

Sr. Associate Director, Career Coach for
G. Brint Ryan College of Business and
Career Education Team Lead



Panel Members



Laura Garza

Associate Director for STEM,
Career Coach for College of
Engineering, College of
Science



Clarence Sutton

Assistant Director of Career Coaching and
Education, Career Coach for College of
Health and Public Service



Marcy Bishop - Lilley

Assistant Director of Career Coaching and
Education, Career Coach for College of
Visual Arts and Design



Beth Kent

Career Coach for G. Brint
Ryan College of Business

CLOSING REMARKS

Dr. Marilyn Wiley

Dean of the G. Brint Ryan College of Business



RAFFLE ANNOUNCEMENT

Amy Ferman

Amy Ferman, Associate Director for
Employer Services

