



College of AI, Cyber and Computing

*H-E-B Community Innovation Scholars
Student Info Session*

Introductions – Program Staff



Amanda Brown
Director



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Manager



Agenda

- About the College of AI, Cyber and Computing (CAICC)
- Program Overview
- Student Selection
- Student Schedule
- Questions and Answers



College of AI, Cyber and Computing

Advancing innovations and growing the workforce in artificial intelligence (AI), computing, cybersecurity, and data science to meet the increasing industry demands
Building collaborations and partnerships in these areas for education, research, and innovation for our students, faculty, industry, and community

Quick Facts

4580
Undergraduate
Students

600 Master's
Students

150 Doctoral
Students

8
Undergraduate
Degrees

4
Departments

138
Faculty Members

\$110K
Scholarships
Awarded



San Pedro I and San Pedro II

The College of AI, Cyber and Computing is part of the UT San Antonio Downtown Campus

- Located in the heart of the second largest cyber city in the country
- UT San Antonio is a **Center for Academic Excellence** in Cyber Defense, Cyber Operations, and Cybersecurity Research
- Prime location for strategic partnerships with industry, government, and community

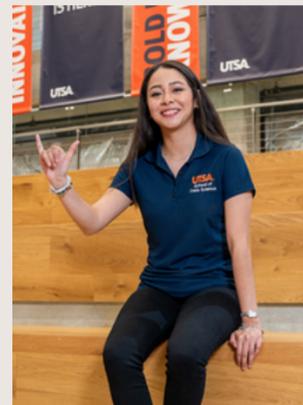
PROGRAM OVERVIEW

College of AI, Cyber and Computing

**H-E-B Community
Innovation Scholars**



UNITED WAY
San Antonio and
Bexar County





Program Overview

The H-E-B Community Innovation Scholars program provides students with opportunities to support nonprofit organizations in better understanding and utilizing their data, while gaining direct professional experience. Each student will receive a \$4,000 stipend, and their efforts will help increase the community impact of San Antonio's nonprofits.

- Data for Social Good
- Summer Internship
- Intended Benefits



UNITED WAY
San Antonio and
Bexar County



Partnership

Roles & Responsibilities

UT San Antonio

- Design, develop, and oversee program
- Select students
- Select nonprofit partners
- Provide student compensation
- Ensure completion of non-disclosure agreements

United Way of San Antonio & Bexar County

- Co-design and co-develop program
- Promote program among partners
- Host one team as a project partner
- Support United Way funded nonprofits in the development of applications

Student Selection

We will select 20 students to create 7 teams

Student Profile

- Upper division (60+ hrs)
- Interdisciplinary
- 3.0 GPA in relevant courses
- Coding
- Programming experience preferred, but not necessary
- “Signature Experience”
- Course requirement
- Application
- Personal statement/Long answer questions
- Resume
- Commitment



Summer Program Timeline May-July 2026



Each student team will be actively working on their assigned project for an estimate of **17 hours per week** between weeks 3 and 10.

That's a total of **126 hours/student** to work on their assigned project.

Nonprofit Timeline & Key Dates

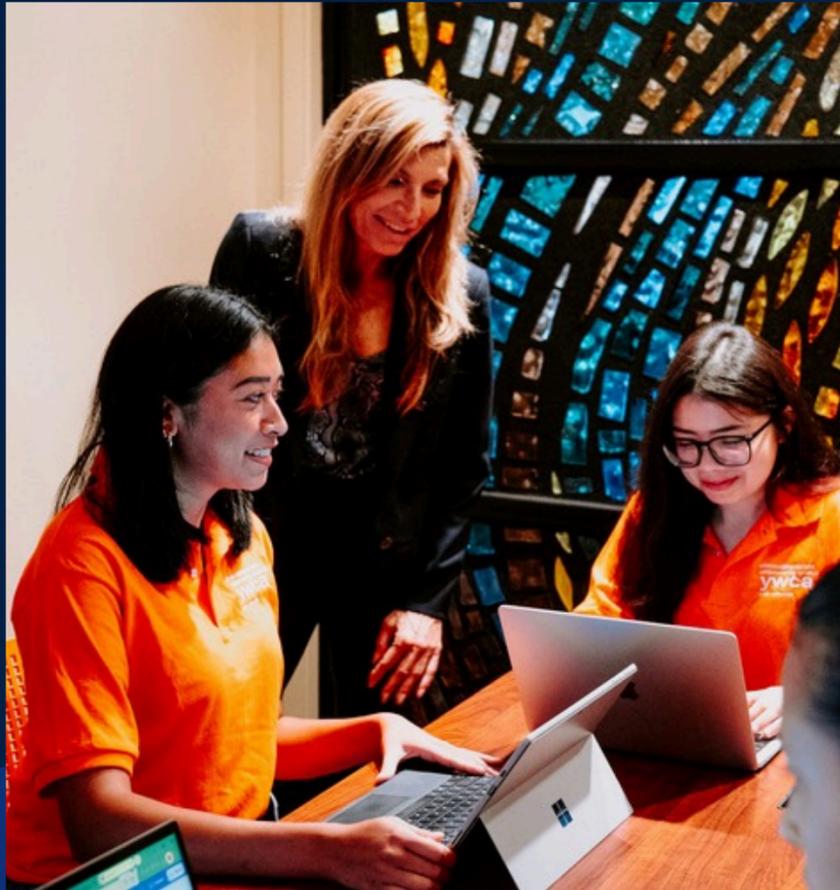
Month	Date(s)	Event	Info / Details
January	20	Student applications open	Online
February	20	Student applications close	Online
March	19	Student selections announced this week	Via email
May	15	Orientation	
	18	Program Week 1 - 1st day of internship (for students)	
June	1	Program Week 3 - Students begin weekly site visits	5 hours at NPO site (9am - 3pm)
	8	Program Week 4 - Weekly site visits cont.	5 hours at NPO site (9am - 3pm)
	15	Program Week 5 - Weekly site visits cont.	5 hours at NPO site (9am - 3pm)
	22	Program Week 6 - Weekly site visits cont.	5 hours at NPO site (9am - 3pm)
	29	Program Week 7 - Weekly site visits cont.	5 hours at NPO site (9am - 3pm)
July	6	Program Week 8 - Weekly site visits cont.	5 hours at NPO site (9am - 3pm)
	13	Program Week 9 - Weekly site visits cont.	5 hours at NPO site (9am - 3pm)
	20	Program Week 10 - Weekly site visits cont. as needed	5 hours at NPO site (9am - 3pm)
	27	Program Week "11" - Project Showcase	In-person, (Time TBD)

Student Weekly Schedule

Beginning Week 3

Time	Monday	Tuesday/Wednesday		Thursday
8:30 - 9:00 AM	Arrival	Arrival	Arrival	Arrival
9:00 AM	Leadership Seminar	Check in with nonprofit	Check in with nonprofit	Guest Lecturer
10:00 AM	Technical Skills	Teamwork	Teamwork	Teamwork
11:00 AM	Teamwork	Teamwork	Teamwork	Teamwork
12:00-12:30 PM	Lunch	Lunch	Lunch	Lunch
12:30 - 1:30 PM	Teamwork	Check in with nonprofit	Check in with nonprofit	Lightning Talks
1:30 - 2:30 PM	Time for clarification	Teamwork	Teamwork	

Weekly Site Visits to Nonprofit Orgs.



PURPOSE – Site visits ensure that students have a deeper understanding of the nonprofit’s operations, culture, and mission.

These visits foster collaboration, improve communication, and allow students to gather context and insights that are critical for creating tailored, impactful solutions.

Logistics:

- Beginning week 3 - June 2nd/11th
- Once per week minimum - Tues./Wed - 5 hours
- Point of contact - availability
- Workspace for student teams
- Background check where needed
- Parking

Project Selection

We will select a maximum of 7 projects - 5 from United Way Partners and 2 others.

Accepted projects will go through a three-step process:

- **Project Intake** - Application form submitted by December 12, 2025. Gathers all initial information about proposed project (details, goals, methodologies, and data).
- **Project Scoping** - Additional follow-up will be conducted with selected proposals from the intake process to ensure desired outcomes are achieved. This phase will conclude with the signature of MOUs.
- **Project Alignment** - Through collaborative discussions, the project is fine-tuned to ensure a clear path to success. The refined plan will guide the students' work and set measurable outcomes to maximize the impact of the project.



1st Cohort Projects



Family Service Association

Question: How many financial counseling clients who were served in 2023 were referred from other Family Service programs?

Data Source: Client Management System; 1 year; client enrollment demographics, MS Excel 600-10,000 cases

Analysis: Descriptive statistics, filtering and aggregation, visualization, Voila to create dashboard



Respite Care

Question: Are parents/caregivers able to maintain employment? Are parents/caregivers growing in their employment?

Data Source: Client management system, 3 years of data

Analysis: Descriptive statistics, correlation and regression analysis, visualization

2nd Cohort Projects



UNITED WAY
San Antonio and
Bexar County

Question: Do 211 call patterns align with areas of greatest geographic and sociodemographic need across the Alamo Region?

Data Source: 211 Texas call log data; ZIP code and service-type metadata; Census-level demographics

Analysis: Data wrangling, Local Indicators of Spatial Association (LISA) design, and equity-focused visualization/dashboard design



SACRD
San Antonio Community Resource Directory

Question: Where is community demand for food-related services highest, and how has it changed over time? Which areas face the largest service gaps?

Data Source: SACRD Google Analytics (1 year); Share & Interaction data on food-aid programs; ZIP code-level population data

Analysis: Data cleaning, normalization per 1,000 residents, ZIP code gap scoring, Mann-Kendall trend test, linear regression, seasonal pattern identification, visualization, dashboard creation

Questions?

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Contact Information



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Thank You!

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UT San Antonio[™]

The University of Texas at San Antonio