

2022



Making a change, one student at a time

# TOP 50 COLLEGES & UNIVERSITIES FOR LATINO/X STUDENTS IN STEM



Calculus Roundtable

Lead Researcher: Lissette Vallejo  
Co Researchers: Aldo Gonzalez Ruiz, Jim Hollis

*"More than a third of black (40%) and Latino[x] (37% [STEM] students switch majors before earning a degree, compared with 29% of white STEM students. Another 26% of black STEM students and 20% of Latino[x] STEM students drop out of college altogether—13 and seven percentage points higher, respectively, than white STEM students (13%)..."*

- Arnim, Emily. "A Third of Minority Students Leave STEM Majors. Here's Why." EAB, 18 Mar. 2020, [eab.com/insights/daily-briefing/student-success/a-third-of-minority-students-leave-stem-majors-heres-why/](http://eab.com/insights/daily-briefing/student-success/a-third-of-minority-students-leave-stem-majors-heres-why/).

## Creating a Pipeline for Latino/a Students

Calculus Roundtable is a non-profit organization dedicated to providing alternative pathways to math and science skills for students, particularly students of color. Currently, we provide support, data analysis and professional development for teachers and community members in 46 schools, 27 districts, 5 county offices of education and 3 municipal library systems.

Our award-winning supplemental classroom and after school program, The Digital One Room Schoolhouse, gives elementary, middle and high school students access to STEM-based hands-on and online curriculum that challenges and engages thousands of students throughout the state.

With our major focus on students and communities of color, we began to see a need for a college pipeline that reflected the diversity of our students. For our African American students, we tapped into the Historic Black Colleges and Universities (HBCUs) with their long-established math and science focus.

To create a similar homogeny for our Latino/x students we started by looking at schools with degree programs that supported the STEM careers of the future. Of the best schools which met the criteria of Hispanic Serving Institutions (HSI), and those with a high graduation rates or percentage of Latino students enrolled in STEM majors. We then created a list of determining factors such as active student life, price, scholarships and financial aid packages designed specifically for Latino students. Of those schools, we narrowed our focus to schools with strong undergraduate and postgraduate STEM-based degree programs, to create a final list of 50 schools.

We hope this list and level of analysis is helpful in your search.

INTRODUCTION



# Calculus Roundtable's Top 50 Colleges & Universities for Latino/x Students in STEM

Previous Ranking: #1

In-state

Out-of-state

Phone Number

School Profile

1

\$7,353

\$20,844

(909) 869-7659

[www.cpp.edu](http://www.cpp.edu)



**CalPolyPomona**

3801 West Temple  
Avenue, CA 91768

## Review

Commonly known as Cal Poly, the technical institute is the second largest of its kind in the nation, with over 100 different major fields of study. It is also a member of the National Center of Academic Excellence in Information Assurance Education. Cal Poly is home to the largest nationally recognized Latino Fraternity, Lambda Theta Phi Latin Fraternity Inc., or Lambdas. In addition to a Latina Sorority, the university has a selection of clubs for Latinos and Latinas, including La Familia, a group for LGBTQ-identifying Latino/x students.

Previous Ranking: #3

In-state

Out-of-state

Phone Number

School Profile

2



**SAN DIEGO STATE  
UNIVERSITY**

5500 Campanile Drive  
San Diego, CA 92182

\$7,510

\$19,390

(619) 594-5200

[www.sdsu.edu/](http://www.sdsu.edu/)

## Review

San Diego State, one of the oldest universities in CA, is known for its highly active research, particularly in engineering and bio-science, as well as its affordability. With tuition well below the national average and high post-grad employment rates, SDSU has been ranked as a best-value school by Kiplinger's Personal Finance list. The university was also rated as No. 11 in the nation and No. 4 in California for the highest number of degrees awarded to Hispanics by the Hispanic Outlook in Higher Education publication. Additionally, San Diego State features a Chicano and Chicana Studies department, through which a variety of degrees concerning culture, history and contemporary issues of the Hispanic community are offered.

Previous Ranking: #2

In-state

Out-of-state

Phone Number

School Profile

3



11200 SW 8th St,  
Miami, FL 33199

\$6,566

\$18,964

(305) 348-2000

[www.fiu.edu/](http://www.fiu.edu/)

## Review

FIU boasts one of the nation's highest Latino/x populations, with 66% of the student body identifying as Latino/x. Many science programs have specific student-based clubs, such as the Latino Medical Student Association, that supports students. This public research institution started in 1965, has since grown to be the 7th largest university in the nation, with attendance averaging 50,000 students annually. It is the youngest university to receive a Phi Beta Kappa chapter, and it is considered a first-tier research facility by the Florida Legislature.

# A MESSAGE FROM A CAL POLY POMONA LATINA STUDENT



“My parents had the attitude that after finishing high school, you go to college and told us to pick a college, any college and go to it. It doesn’t matter if you do horrible, you have to at least try,” says Emily.

- Emily Nuño,  
Cal Poly Pomona Student

**Emily Nuño** is a fifth-year student at California State Polytechnic University in Pomona, California. Emily Nuño is majoring in electromechanical systems engineering technology, a combination of electrical and mechanical engineering.

She chose Cal Poly Pomona over the prestige of MIT where she was also accepted, because it had the feel she was looking for and was close to home. With her eyes fixed on graduating, Emily considered the time it might take to complete such a challenging major and chose an affordable school.

Both her parents went to college and for as long as she can remember, she felt like it was a given that she’d also go. Emily’s older sister graduated top of her class in anthropology, then her brother completed a degree in kinesiology. She picked engineering to challenge herself and reports that indeed it has been “a pretty good challenge!”

The weight of her course load leaves no time for her to participate in clubs and other activities offered by groups like MECHA. Yet having them there celebrating events like Mexican Independence Day has been comforting for her. She also prefers the cafeteria over the library or anywhere else for studying and hanging out because there’s always food available making it feel like home.

Yet the most supportive thing for Emily has been the care packages her mom sends her every month. When she gets a notification from the office that a package has arrived, she makes an event of it by choosing a day to go pick it up and dressing up a little nicer. A simple bag of chips, 5-10 dollars and an encouraging letter has made the world of difference to her.



# Calculus Roundtable's Top 50 Colleges & Universities for Latino/x Students in STEM

Previous Ranking: #4

In-state

Out-of-state

Phone Number

School Profile

4

\$13,853

\$43,607

(951) 827-1012

[www.ucr.edu/](http://www.ucr.edu/)

## Review



900 University Ave,  
Riverside, CA 92521

The University of California Riverside began as the UC Citrus Experiment Station, and much of this agricultural legacy is still present. In addition, it now offers over 100 undergraduate degrees, as well as 52 masters and 42 Ph.D. programs. It is considered a high-diversity college by U.S. News & World Report. The university's many programs include academic clubs, scholarship programs, and social groups for the Chicano and Latino communities, which make up the largest minority group on campus.

Previous Ranking: #5

In-state

Out-of-state

Phone Number

School Profile

5

\$11,276

\$26,936

(713) 743-2255

[www.uh.edu/](http://www.uh.edu/)

## Review



4800 Calhoun Rd,  
Houston, TX 77004

The University of Houston is the third-largest school in the state of Texas. It offers 300-plus degree programs through 13 academic colleges; the most unique of those programs is its space architecture graduate degree, one of only a few offered nationwide. It also holds the second-most diverse student body in the country, with attendees from over 137 countries around the globe; Hispanic students are the largest graduating minority. The Council of Ethnic Organizations brings this and all other ethnic groups together for school-wide monthly and weekly events highlighting and celebrating various cultures.

Previous Ranking: #6

In-state

Out-of-state

Phone Number

School Profile

6

\$7,409

\$19,079

(718) 960-8000

[www.lehman.edu/](http://www.lehman.edu/)

## Review



250 Bedford Park  
Boulevard West  
Bronx, NY 10468

Originally the Bronx Campus of Hunter College, City University New York Lehman College became an independent institution in 1967. The highly diverse campus is home to the Urban Male Leadership Program, intended to increase and retain the number of Hispanic men in higher education. Additionally, Lehman College was a founding member of the Hispanic Educational Technology System, a program designed to bridge language gaps and promote higher education in the Hispanic community.



# Calculus Roundtable's Top 50 Colleges & Universities for Latino/x Students in STEM

## SCHOOL IN THE SPOTLIGHT



University of Houston's College of Natural Sciences and Mathematics is known for its excellence in teaching, research, and service in the physical and biological sciences, computer science, and mathematics. NSM's location in the nation's fourth-largest city and energy capital of the world presents numerous opportunities for collaboration with the Texas Medical Center, NASA's Johnson Space Center, and other entities.

### The Numbers Inside the Numbers

#### Enrollment Fall 2020

Undergraduate Majors	4,823
Post-Baccalaureate	245
Graduate	933
Total	6,001

#### Degrees Awarded Fiscal Year 2020

Bachelor's	985
Master's	179
Doctoral	100

#### Student Demographics

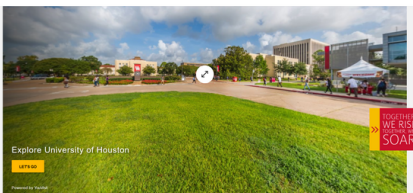
Female	44%
Male	56%
African-American	6%
Asian-American	33%
Hispanic	24%
International	13%
White	19%
Other	5%

#### Faculty

Tenured or Tenure Track	203
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### The College's Strengths Include:

- An ethnically diverse student body of more than 5,000 NSM majors and more than 1,000 degrees awarded each year
- More than 200 ranked faculty, including four National Academy of Sciences members
- A solid research funding base with \$31 million in annual research expenditures
- Academic collaborations with numerous institutions, industry consortia and partnerships, and outreach programs to local school districts
- Innovative resources to ensure student success, including a centralized testing and tutoring center and peer-led team learning workshops, and
- Focused efforts to recruit and retain minority students in science, technology, engineering, and mathematics through the Houston Louis Stokes Alliance for Minority Participation.



Take a virtual tour of the campus



# Calculus Roundtable's Top 50 Colleges & Universities for Latino/x Students in STEM

Previous Ranking: #4

In-state

Out-of-state

Phone Number

School Profile

7

\$13,538

\$42,530

(209) 228-4400

[www.ucmerced.edu/](http://www.ucmerced.edu/)



UNIVERSITY OF CALIFORNIA  
**MERCED**

5200 Lake Rd.  
Merced, CA 95343

## Review

Established in 2005, making it the first research university of the 21st Century, the young and fast-growing UC Merced contains three schools: engineering, natural sciences, and social sciences, with plans to add management and medicine. The innovative campus has garnered attention for its low carbon footprint, and it is the first public research university in the nation, and the first institution in the University of California System to achieve Carbon Neutrality. For Hispanic students, the university features a Latino/a exclusive fraternity and sorority, multiple academic clubs and a Latin dance group.

Previous Ranking: #9

In-state

Out-of-state

Phone Number

School Profile

8

\$6,895

\$16,399

(657) 278-2011

[www.fullerton.edu/](http://www.fullerton.edu/)



CALIFORNIA STATE UNIVERSITY  
**FULLERTON**

800 N State College Blvd.  
Fullerton, CA 92831

## Review

With the largest student body in the state's university system, Cal State Fullerton is a comprehensive institution offering over 100 degree programs for undergraduate and postgraduate students. It also features three doctoral degrees in nursing and medicine. The highly diverse campus was ranked as the No.1 Hispanic-serving college in California for 2012 by the National Center for Education Statistics; this standing is reflected in the myriad financial aid options offered to Latino/a students, such as the HACU scholarship.

Previous Ranking: #10

In-state

Out-of-state

Phone Number

School Profile

9

\$6,798

\$17,094

(562) 985-4111

[www.csulb.edu/](http://www.csulb.edu/)



CALIFORNIA STATE UNIVERSITY  
**LONG BEACH**

1250 Bellflower Blvd.  
Long Beach, CA 90840

## Review

California State University-Long Beach is a best-value-rated public research institution known for its expansive physics department. The American Physical Society named several of the school's graduate degrees as "Minority Bridge Programs"; it also features the largest publicly funded art school on the west coast. Additionally, the school's academic offerings include a Chicano/Latino/a department with studies in Latino/x history, culture, and diversity, including an extensive Latino/a community health sector, which focuses on improving healthcare access and education to Long Beach's Latino/x population.



# Setting Goals: Planning Backwards to Set Short-Term Goals

You just read about the importance of setting goals, and how setting short-term goals can lead to achieving long-term goals. Now it's time to think about your short- and long-term goals and how they relate. Answer the questions below. As you write, think about how your short-term goals are setting you up for success in your long-term goals.

1. What career goal do you hope to achieve in the next ten years?

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2. What goals will you set for yourself to achieve in the next five years?

a)

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b)

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c)

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d)

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TIP: Keep your goal-setting document with you as the year goes on.

Make sure to monitor your progress.

Are you on track to meeting your goals?

If not, why?

What can you do to ensure you meet them in the future?

**3.** What goals will you set for yourself to achieve by the end of the year?

a) \_\_\_\_\_

b) \_\_\_\_\_

c) \_\_\_\_\_

d) \_\_\_\_\_

**4.** What goals will you set for yourself to achieve every week of this school year?

a) \_\_\_\_\_

b) \_\_\_\_\_

c) \_\_\_\_\_

d) \_\_\_\_\_

**5.** What goals will you set for yourself to achieve everyday of this school year?

a) \_\_\_\_\_

b) \_\_\_\_\_

c) \_\_\_\_\_

d) \_\_\_\_\_

# Calculus Roundtable's Top 50 Colleges & Universities for Latino/x Students in STEM

Previous Ranking: #11

In-state

Out-of-state

Phone Number

School Profile

10



1156 High St.  
Santa Cruz, CA 95064

\$14,054

\$43,046

(831) 459-0111

[www.ucsc.edu/](http://www.ucsc.edu/)

## Review

This public research university offers 60 majors in 30 fields. The Chicano Latino Resource Center, more commonly known as El Centro, offers a number of programs and resources to support and bolster the on-campus Latino/x community, including academic support, scholarships and financial guidance and social events geared towards unification and integration.

Previous Ranking: #17

In-state

Out-of-state

Phone Number

School Profile

11



1147 Murphy Hall  
Los Angeles, CA 90095-1436

\$13,226

\$42,218

(310) 825-4321

[www.ucla.edu/](http://www.ucla.edu/)

## Review

Undergraduates attending this world-renowned UC institution can select from 125 STEM-related majors. The admissions process is extremely competitive, and prospective freshmen must submit ACT or SAT scores and answer 4 personal insight questions during the application process. The Engineering department at UCLA is one of this country's finest with a number of supporting clubs and organizations that support Latino students in various fields of engineering including the Center for Excellence in Engineering and Diversity (CEED). CEED is committed to the development, recruitment, retention, and graduation of underrepresented engineering and computing students.

School

In-state

Out-of-state

Phone Number

School Profile

12



1 Shields Ave, Davis,  
CA 95616

\$14,422

\$43,414

(530) 752-1011

[www.ucdavis.edu/](http://www.ucdavis.edu/)

## Review

Apart from being ranked second in 'Affordable Elite College' by the *Washington Monthly* magazine in 2019, it is also the second-largest UC campus with over 5,300 acres of land. Although it is not as competitive as other UCs, Davis is a very well-known and prestigious institution. It has a worldwide reputation for its medicine programs especially, veterinary medicine as well as its agricultural programs. More than half of their student population are people of color, making this campus a great environment for Latino/x students, especially due to the various Latino/x clubs and organizations available.

# A MESSAGE FROM A UCLA LATINA STUDENT



“I knew I was going to have trouble transitioning from my home. I needed to find somewhere where my culture is emphasized, somewhere I feel comfortable when I wake up and go to sleep, somewhere I feel safe,” says Baudelia of choosing the Chicano floor dorm option. “Once I got in there I felt comfortable, just hearing Spanish music in the hallways helped.”

- Baudelia Vallejo Pérez,  
UCLA student

**Baudelia Vallejo Pérez** is a psychology major, minoring in education and Spanish at UCLA. She’s a senior (fourth-year student) expecting to graduate in May 2021. A student parent who is very close to her family, she selected UCLA largely for its proximity to her home.

The university’s affiliation with hospitals and reputation for medical fields also influenced her decision to enroll as a biology major aiming for medical school. Her top choice, UCLA resulted in quite a culture shock for Baudelia and she switched majors in her second year. She cites the lack of faculty or peers within her academic circle who shared her cultural background as a major obstacle to her feeling comfortable enough to reach out for help, which factored into her change of major.

Baudelia is a first-gen student and considers her family her greatest support although they don’t have the background to help her with higher-level education challenges. Both her parents moved from Mexico when they were young and while her mother attended high school in the US, neither parent attended college.

Balancing family and school life is what she calls her biggest challenge, in part because she often felt like she was missing out on things happening at home. Furthermore, as a student-parent, she faces additional challenges in the realm of higher education.

The support Baudelia received was through a peer group related to her Spanish minor, an encouraging counselor, and her dorm experience living on the Chicano floor. Baudelia has found a small support system at her institution and shows unyielding determination to do whatever it takes to overcome obstacles and graduate.



# Calculus Roundtable's Top 50 Colleges & Universities for Latino/x Students in STEM

Previous Ranking: #14

In-state

Out-of-state

Phone Number

School Profile

13

\$11,257

\$23,917

(512) 245-2111

[www.txstate.edu/](http://www.txstate.edu/)



601 University Dr, San Marcos, TX 78666

### Review

Texas State University is the largest college in the Texas university system, serving 34,000 students. It's home to the world's largest forensic anthropology research center, sometimes called the 'body farm.' The school has also added the Research Commercialization Center, which serves the technology needs of up-and-coming businesses in the San Marcos area.

Previous Ranking: #15

In-state

Out-of-state

Phone Number

School Profile

14

\$31,452

same as in-state

(559) 453-2000

[www.fresno.edu/](http://www.fresno.edu/)



1717 S. Chestnut Ave.  
Fresno, California  
93702-4709

### Review

Fresno Pacific holds the highest graduation rate in the central California area; 51% of all undergraduates earn a degree within four years. Almost all of the students receive some form of financial aid. In addition to on-campus social and spiritual clubs for Latino/as, the school hosts an annual Hispanic Summer Program, a 12-day academic intensive for Hispanic post-grads and seminary students, taught exclusively by Hispanic professors from around the country.

Previous Ranking: #16

In-state

Out-of-state

Phone Number

School Profile

15

\$14,297

\$19,037

(212) 997-2869

[www.cuny.edu/](http://www.cuny.edu/)



425 E 25th St, New York, NY 10010

### Review

City College is the oldest in the City University's network of 23 schools; built in 1847 in the neo-gothic style, most of its buildings are preserved landmarks. Although the college is considered prestigious by many, and counts 11 alumni as Nobel Prize winners, it is highly affordable; The Princeton Review ranked it as one of the best value schools in 2014. For Hispanic students, the school offers multiple fields of study around Latino/a culture and community, in addition to HSI fellowships and scholarship programs in various academic sectors.

# Mapping Out Your Courses

The chart on page 6 gives you a good overview of what courses you need to take in high school to meet standard college entrance requirements. Now let's see how you stack up.

List the courses you have taken and those you plan to take before you graduate. You may need to consult your guidance counselor for help.

Subject	Number of Years Required	Example Courses	Courses Taken	Courses You Will Take
English	four or more years	English I, AP English Language, AP English Literature		
Mathematics	three or more years	Algebra I and higher—does not include general math, business math, or consumer math		
Natural Sciences	three or more years	Biology, AP Physics, Environmental Science		
Social Sciences	three or more years	History, economics, psychology, sociology, etc.		
Additional Courses	two or more years	foreign language		
	two or more years	visual arts, music, theater, drama, dance, computer science, etc.		

# A VOICE FROM PHILANTHROPY



When asked what advice Ron would give to Latino/x college students he stated, “Try to understand the resources your campus has for you and learn all about them.”

- Ron Gonzalez,  
Hispanic Foundation of Silicon Valley CEO  
and President, former San Jose mayor

**Ron Gonzales** is the CEO and president of the Hispanic Foundation of Silicon Valley (HFSV), and former mayor of San Jose. The HFSV is an organization that inspires Hispanic children and families to achieve personal greatness by providing leadership opportunities and bringing resources to Hispanic communities.

An important aspect for the HFSV is to start mentorship young, at a 3rd-grade level. Students who fall behind in literacy are also more likely to fall behind in math. Through parent and community outreach the HFSV helps parents take an active role in their children’s education, starting at primary school and guiding them all the way through college and university.

Through the HFSV’s scholarship program: Latinos in Technology, the foundation is helping support 399 college juniors and seniors, 80% who are first-generation and 42% who are Latina students. The HFSV also offers a mentoring program called ‘Conexiones’ that connects scholarship recipients to Latino/a (s) working in careers in technology. The HFSV also works in leadership development for the Latino/x community. They offer a 10-week program for both Latino/x students and parents so that they can further their knowledge and skills regarding higher education and post-graduate options. By providing mentorship to Latino/x students and parents the HFSV is working towards closing the inequality gap in paths of STEM and higher education.

When Ron attended the University of California, Santa Cruz he noticed there was a lack of Latino/x students and very few Latino/x professors, a statement that still holds true to this day. As a second-generation immigrant, Ron has experienced firsthand the positive impact of college and how its changed his life, his family’s life, and his community’s life for the better.

# Calculus Roundtable's Top 50 Colleges & Universities for Latino/x Students in STEM

Previous Ranking: #18

In-state

Out-of-state

Phone Number

School Profile

16

\$7,353

\$20,844

(559) 278-4240

[www.csufresno.edu/](http://www.csufresno.edu/)

**FRESNO STATE**

**CSU Fresno**

5241 N Maple Ave,  
Fresno, CA 93740

## Review

Fresno is a large research university and part of the Cal State system. Founded in 1911 it boasts 60 undergraduate and 45 graduate degree programs, as well as three doctoral fields of study. The school maintains its own fully licensed winery. Students and staff produce award-winning wines while mastering many science degrees including chemistry. Latino/a students have access to a variety of Hispanic culture and literature majors and minors, as well as an annual Latino Commencement Celebration open to all students of Hispanic descent.

Previous Ranking: #19

In-state

Out-of-state

Phone Number

School Profile

17

\$7,584

\$19,464

(209) 667-3122

[www.csustan.edu/](http://www.csustan.edu/)



1 University Cir,  
Turlock, CA 95382

## Review

Also known as Stanislaus State, Stanislaus serves students with over 130 fields of undergraduate study and is the only California State University to offer bachelor's degrees in cognitive studies. Hispanic students pursuing a master's degree have access to money from the Department of Education who in the past has awarded the university a \$230,000 grant for financially supporting Latino/a students in post-graduate programs.

Previous Ranking: #20

In-state

Out-of-state

Phone Number

School Profile

18

\$9,888

\$23,888

(210) 458-4011

[www.utsa.edu/](http://www.utsa.edu/)

**UTSA**

The University of Texas at San Antonio™

1 UTSA Circle, San  
Antonio, TX 78249

## Review

The University of Texas at San Antonio was recognized by the Times Higher Education as one of the most prominent young universities in the world. The school is a host of the Hispanic Leaders in Agriculture and Environment organization, a Masters and Ph.D. supplement program designed to promote Hispanic graduates in environmental leadership roles.



## Calculus Roundtable's Top 50 Colleges & Universities for Latino/x Students in STEM

School	In-state	Out-of-state	Phone Number	School Profile
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19

	\$14,451	\$44,105	(510) 642-6000	<a href="http://www.berkeley.edu/">www.berkeley.edu/</a>
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### Review

UC Berkeley is known worldwide as one of the best research universities. With a competitive engineering and physics department, it easily ranks well in top STEM universities. Cal also has various Hispanic fraternities, sororities, and clubs, such as Hermanas Unidas, Hermanos Unidos Central Americans for Equality (CAFE), and many more. UC Berkeley also has a Multicultural Center, Ethnic Studies Department, and Library and offers over 60 majors in STEM. With 9 Nobel prizes held by staff, UC Berkeley offers high-quality education. UC Berkeley is also ranked as the #1 public university worldwide.



**Berkeley**  
UNIVERSITY OF CALIFORNIA

110 Sproul Hall,  
Berkeley, CA 94720

Previous Ranking: #12	In-state	Out-of-state	Phone Number	School Profile
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	\$49,514	same as in-state	(562) 907-4200	<a href="http://www.whittier.edu/">www.whittier.edu/</a>
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### Review

Along with a variety of preset degree programs, Whittier College students can choose to design their own course of study with guidance from faculty. The Ortiz Program is designed specifically for first-generation Chicano/a and Latino/a students who need extra guidance. Students looking to engage in Hispanic cultural and social events can join Movimiento Esudiantil Chicano/a de Aztlan, or find additional programs and support through Whittier's Cultural Center.



13406 E, Philadelphia  
St, Whittier, CA 90602

Previous Ranking: #13	In-state	Out-of-state	Phone Number	School Profile
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	\$47,440	same as in-state	(855) 468-6738	<a href="http://www.stedwards.edu/">www.stedwards.edu/</a>
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### Review

In 2013, Saint Edward's was recognized by the U.S. Chronicle of Higher Education for having the highest graduation rate for a Hispanic-serving university. The school is deeply diverse, with students from over 50 countries, and offers a variety of programs to match their needs, including those specific to the Latino/x community. It also received accolades from the New York Times concerning its College Assistance Migrant Program (CAMP), designed to academically and financially support college attendees from migrant worker families.



St. Edward's University  
3001 South Congress  
Austin, Texas 78704

21

## Calculus Roundtable's Top 50 Colleges & Universities for Latino/x Students in STEM

School	In-state	Out-of-state	Phone Number	School Profile
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22

	\$10,824	\$38,326	(512) 471-3434	<a href="http://www.utexas.edu/">www.utexas.edu/</a>
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101 East 21st St.  
Austin, Texas 78712

### Review

The University of Texas at Austin currently stands as Texas' leading research university and attracts more than \$650 million annually. UTAUS boasts 18 colleges and schools with over 300 degree programs, including a wide variety of engineering programs, mathematics, hydro-geology and many more. To support their diversity initiative, UTAUS has a Latinx Community Affairs (LCA) center that serves to unite and empower Latinx students and student organizations at UTAUS. They also have established a new program, called 'The Women in STEM Leadership Collaborative' led by women engineers from the Cockrell School of Engineering to mentor ~1,000 women in leadership development, mentorship programs and other activities.

School	In-state	Out-of-state	Phone Number	School Profile
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23

	\$14,391	\$43,383	(805) 893-8000	<a href="http://www.ucsb.edu/">www.ucsb.edu/</a>
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1210 Cheadle Hall  
Santa Barbara, CA  
93106

### Review

In 2015 UC Santa Barbara acquired the title of a Hispanic-Serving Institution, reaching a 27% Latinx population. Today Santa Barbara has over 25 student organizations specifically for Latinx/Chicanx students like Los Ingenieros, El Centro, etc. The university's faculty body consists of 29 National Academy of Engineering Members, one of the highest professional honors for engineers. With 10 national institutes and centers, this school is very well equipped to help and push students to succeed.

School	In-state	Out-of-state	Phone Number	School Profile
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24

	\$11,338	\$29,428	(855) 278-5080	<a href="http://www.asu.edu/">www.asu.edu/</a>
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5990 S Sterling Mall  
Mesa, Arizona 85212

### Review

With 118 STEM majors available ASU students have plenty of options to choose what's right for them. Some of the most popular programs are engineering, and biological and biomedical sciences. Their master of science in management (MIM) program is specifically designed for students that do not have business-based degrees. STEM students as well as others are able to take advantage of opportunities like these that the campus offers.

# A VOICE FROM FACULTY

**Dr. Katey Arrington** is an Associate Director for the University of Texas at Austin, working in an accreditation program where college students majoring in a STEM degree are able to gain a teaching certificate while completing their studies. Before working as an associate director, Dr. Arrington worked as a manager for the K12 systems at the Dana Center at UTAUS, helping design math programs for school districts, recruiting and encouraging students, and teaching students how to use math and science as tools to solve problems in the world.



**The University of Texas at Austin** boasts 18 colleges and offers over 300-degree programs, with their Engineering department having the strongest reputation, and recognized statewide and nationally. Last year, UTAUS met eligibility requirements to become an HSI. With the funding from this grant, UTAUS aims to recruit a more diverse staff to reflect its student population and also find ways to deliver what Latino/x students need while emphasizing their growth and community.

UTAUS also has a wealth of clubs, resources, and opportunities to support Latino/x students. In particular, the institute UTeach has created programs that welcome and encourage first-generation students to work in leadership roles and become valuable members of the community. There has also been an increase of opportunities for engagement that have opened up in the past few years within UTeach in an effort to embrace diversity and to make people feel welcome.



Throughout her many years of working in higher education, Dr. Katey Arrington gives valuable advice to students recently accepted into college who may be feeling out of place. She says, “Give yourself a year, allow yourself the time to find your answer, because a lot of times it's easy to sit down and walk away because you think you're not capable. But if you give it some time you'll see it differently.”

- Dr. Katey Arrington  
Associate Director, UTeach Institute at The University of Texas at Austin, and Regional Director, Southern 2 at NCSM



# Narrowing Down Your Choices

You just read about the importance of setting goals, and how setting short-term goals can lead to achieving long-term goals. Now it's time to think about your short- and long-term goals and how they relate. Answer the questions below. As you write, think about how your short-term goals are setting you up for success in your long-term goals.

What are the 8 most important factors in your decision ?

1. \_\_\_\_\_

5. \_\_\_\_\_

2. \_\_\_\_\_

6. \_\_\_\_\_

3. \_\_\_\_\_

7. \_\_\_\_\_

4. \_\_\_\_\_

8. \_\_\_\_\_

Choose 5 schools and rate them on a scale from 1 - 10 for each area that is important to you.

	School #1	School #2	School #3	School #4	School #5
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
SCORE					



# Calculus Roundtable's Top 50 Colleges & Universities for Latino/x Students in STEM

School	In-state	Out-of-state	Phone Number	School Profile
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25

	\$6,380	\$28,658	(352) 392-3261	<a href="http://www.ufl.edu/">www.ufl.edu/</a>
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### Review



1329 S.W. 16 St.,  
Gainesville, FL 32610

With 100 undergraduate majors and 200 graduate programs, the University of Florida offers a wide variety of majors for students. To empower Latino/x students on campus, UF has a Hispanic Latino Affairs program that aims to support, empower and advance the Latino/x community at UF. To help incoming Latino/x freshmen students, UF also offers a 3-day summer arrival program that focuses on successful high school to college transition and serves to build community, personal and professional development, and networking.

School	In-state	Out-of-state	Phone Number	School Profile
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26

	\$42,080	same as in-state	(305) 284-2211	<a href="http://www.miami.edu/">www.miami.edu/</a>
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### Review



1320 S Dixie Hwy,  
Coral Gables, FL 33146

The University of Miami has seen tremendous growth. Founded in 1925, this private university opened with 646 full-time students. It now has over 11,000 undergraduates. Some of the more popular majors at the University of Miami are biological and biomedical sciences and engineering. According to U.S. News, this school is ranked in the top 90 in Best Value Schools making it more affordable than a lot of other schools. Its 12:1 student ratio also makes this school a great choice for students searching for smaller and more personalized learning.

School	In-state	Out-of-state	Phone Number	School Profile
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27

	\$12,153	\$38,602	(979) 845-3211	<a href="http://www.tamu.edu/">www.tamu.edu/</a>
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### Review



400 Bizzell St, College  
Station, TX 77843

As the oldest higher education institution in Texas, this university has built a great reputation revolving around STEM. This research university offers amazing programs like the veterinary medicine school (one of a kind), and many more. A&M has over 20 Hispanic/Latino/x clubs on campus, one of them being Latino Logradores, which is "A Latino Freshman Student Success Program" that helps support Latino/x students by aiding in the transition from high school to college.

## Calculus Roundtable's Top 50 Colleges & Universities for Latino/x Students in STEM

School	In-state	Out-of-state	Phone Number	School Profile
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28



**TEXAS TECH**  
UNIVERSITY.

2500 Broadway,  
Lubbock, TX 79409

\$9,300	\$19,260	(806) 742-2011	<a href="http://www.ttu.edu/">www.ttu.edu/</a>
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### Review

During 2019-2020, Texas Tech has conferred more than 8,000 degrees for 3 consecutive years. In the Center for Measuring University Performance rankings of 2018, Texas Tech ranked No. 58 overall, and it awarded 349 doctoral degrees. It also has multiple programs aiding Latino/x students and underrepresented communities. For example, there are "First Generation Transition & Mentoring Programs" and also a Dream center, which aids students who are considered Dreamers. Moreover, Texas Tech is one of the bigger schools at 1,839 acres.

School	In-state	Out-of-state	Phone Number	School Profile
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29

**W**

UNIVERSITY of WASHINGTON

022 Odegaard, Seattle,  
WA 98195

\$11,465	\$38,166	(206) 221-5000	<a href="http://www.washington.edu/">www.washington.edu/</a>
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### Review

Founded in 1861, the University of Washington is one of the oldest public universities on the West Coast. It is also a cutting-edge research institution, receiving significant yearly federal funding, and hosting an annual undergraduate research symposium for students to present their work to the community. The university has a highly ranked School of Medicine, College of Engineering and Michael G. Foster School of Business. With over 950 student organizations on campus, including ~70 sororities and fraternities students are offered a wide variety of extracurricular activities.

School	In-state	Out-of-state	Phone Number	School Profile
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30



1780 E University Ave,  
Las Cruces, NM 88003


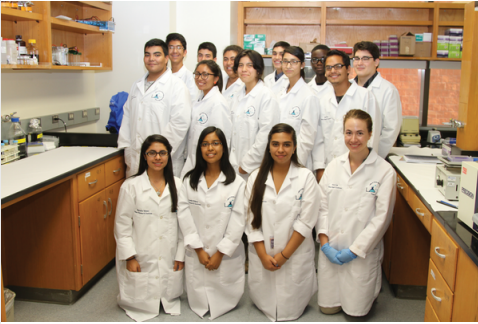

\$7,087	\$23,076	(575) 646-0111	<a href="http://www.nmsu.edu/">www.nmsu.edu/</a>
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### Review

With a total undergraduate enrollment of 11,675 and a campus size of 900 acres, NM state offers a small tight-knit community with a 16:1 student-faculty ratio. With out-of-state tuition of around \$24,000, it is a very affordable school that offers 90 undergraduate programs, 50 master's programs including those in the colleges of business, engineering, and education. NM state also has 200 organizations, 20 fraternities and sororities, and many opportunities for student government.

# GETTING INVOLVED

When it comes time to apply for college, you should be able to show that you've been involved with activities outside of your regular school day. This way, a college can see what you can add to their campus outside of the classroom. Don't wait until senior year to get started—colleges will become suspicious that you simply got involved to make your applications stronger. And remember, choose depth over breadth. Admission officers are more likely to consider an applicant who is deeply committed to one or only a few activities, rather than loosely involved in many activities.

Activity	How to Get Involved	What it Shows About You
<h2 data-bbox="115 577 526 625">Community Service</h2> 	<ul data-bbox="591 625 1029 873" style="list-style-type: none"><li>• Join your school's community service club.</li><li>• Get involved with service work at your place of worship.</li><li>• Find a cause you're committed to (like ending animal cruelty) and Google ways to get involved.</li></ul>	<p data-bbox="1094 625 1539 741">Service work shows colleges that you feel a duty to give back to your community. It shows that you care about leaving your world a better place than you found it.</p>
<h2 data-bbox="196 1081 412 1129">Internships</h2> 	<ul data-bbox="607 1104 964 1423" style="list-style-type: none"><li>• Ask your guidance counselor (or career counselor) for information on internships or jobs that suit your interests.</li><li>• Draft a résumé and take it to local businesses.</li><li>• Search the web and ask friends and family for recommendations of businesses that hire teens.</li></ul>	<p data-bbox="1094 1104 1468 1251">Holding down a job shows colleges that you are consistent, mature, and responsible, particularly if the money from your job goes to help support your family.</p> <p data-bbox="1094 1287 1507 1371">Securing an internship in an area of interest to you will show colleges you are dedicated to reaching your career goals.</p>
<h2 data-bbox="107 1581 545 1629">Lead a Club or Group</h2> 	<ul data-bbox="607 1602 980 1902" style="list-style-type: none"><li>• Pay attention to your school building. Lots of times, clubs and teams post flyers about try-outs and meetings, but if you don't keep your eyes peeled, you'll miss them.</li><li>• Ask your teachers, coaches, and counselors about available clubs.</li><li>• If you don't see a club you want to join, ask a teacher to sponsor you in founding a new club</li></ul>	<p data-bbox="1094 1591 1507 1738">Joining clubs and teams early in high school gives you time to make your mark and work your way up to leadership/captain positions by junior or senior year.</p> <p data-bbox="1094 1774 1516 1858">Holding a leadership position shows that you are responsible, you get along well with your peers, and you are committed.</p> <p data-bbox="1094 1894 1507 1957">Founding and growing a club shows initiative, dedication, and perseverance.</p>

## Calculus Roundtable's Top 50 Colleges & Universities for Latino/x Students in STEM

School	In-state	Out-of-state	Phone Number	School Profile
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31



1 Brookings Dr, St.  
Louis, MO 63130

\$57,386	same as in-state	(314) 935-5000	<a href="https://wustl.edu/">https://wustl.edu/</a>
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### Review

Washington University is a small, private institution nestled in the greater area of St. Louis, Missouri. WashU has an undergraduate enrollment of 7,882 a student-faculty ratio of 7:1, and 65.6% of its classes have fewer than 20 students. The most popular majors at WashU include engineering, biological and biomedical sciences, business, management, among many more. With 90 areas of study, more than 1,500 courses and 380 organizations and activities, students are able to explore different career avenues and opportunities.

School	In-state	Out-of-state	Phone Number	School Profile
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32



**Massachusetts  
Institute of  
Technology**

77 Massachusetts Avenue  
Cambridge, MA 02139

\$53,790	same as in-state	(617) 253-1000	<a href="http://www.mit.edu/">www.mit.edu/</a>
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### Review

Located in Cambridge, Massachusetts, USA, MIT is one of the most well-known universities worldwide for its prestige and academic reputation. With 95 Nobel Laureates, 54 major programs and 58 minors, and a total of 11,520 undergraduate and graduate students MIT is a great school for STEM majors. MIT's innovative technology and leadership programs such as MIT D-Lab, MIT IDEAS Global Challenge, the MIT Innovation Initiative, are some of the best in the world.

School	In-state	Out-of-state	Phone Number	School Profile
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33



**THE UNIVERSITY  
of NORTH CAROLINA  
at CHAPEL HILL**

1001 Bondurant Hall,  
CB #9500. Chapel Hill,  
NC, 27599

\$9,232	\$37,226	(919) 962-2211	<a href="http://www.unc.edu/">www.unc.edu/</a>
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### Review

The University of North Carolina at Chapel Hill, also known as UNC, offers 70 majors and minors in a variety of fields, some of the most popular majors include: social sciences, biological and biomedical sciences, communication, journalism, psychology and more. UNC also offers combined degree programs such as mathematical decision sciences and statistics and operations research, environmental science and engineering and many more.

# ACT vs SAT: What's Best for Me?

At a glance, the two tests aren't that different. Both the ACT and SAT are nationally recognized standardized tests and common admission requirements for US schools. Catering primarily to high school juniors and seniors, each test measures students' proficiency in various critical skill areas—such as problem solving and reading comprehension—that are necessary for college success.

Despite all these similarities, there are still many ways in which the ACT and SAT differ from each other. For one, the SAT is overall slightly longer than the ACT. What's more, the number of questions and time limits are different for corresponding sections.

Here is a brief overview of the basic structural and logistical differences between the ACT and SAT:

	How to Get Involved	What it Shows About You
<b>Total Time</b>	2 hrs 55 mins without Writing 3 hrs 35 mins with Writing	3 hrs without Essay 3 hrs 50 mins with Essay
<b>Order of Sections</b>	<ol style="list-style-type: none"> <li>English</li> <li>Math</li> <li>Reading</li> <li>Science</li> <li>Writing (optional)</li> </ol>	<ol style="list-style-type: none"> <li>Reading</li> <li>Writing and Language</li> <li>Math No Calculator</li> <li>Math Calculator</li> <li>Essay (optional)</li> </ol>
<b>Time Per Section</b>	<ul style="list-style-type: none"> <li>English: 45 mins</li> <li>Math: 60 mins</li> <li>Reading: 35 mins</li> <li>Science: 35 mins</li> <li>Writing (optional): 40 mins</li> </ul>	<ul style="list-style-type: none"> <li>Reading: 65 mins</li> <li>Writing and Language: 35 mins</li> <li>Math No Calculator: 25 mins</li> <li>Math Calculator: 55 mins</li> <li>Essay (optional): 50 mins</li> </ul>
<b># of Questions</b>	<ul style="list-style-type: none"> <li>English: 75 questions</li> <li>Math: 60 questions</li> <li>Reading: 40 questions</li> <li>Science: 40 questions</li> <li>Writing (optional): 1 essay</li> </ul>	<ul style="list-style-type: none"> <li>Reading: 52 questions</li> <li>Writing and Language: 44 questions</li> <li>Math No Calculator: 20 questions</li> <li>Math Calculator: 38 questions</li> <li>Essay (optional): 1 essay</li> </ul>
<b>Scoring</b>	<ul style="list-style-type: none"> <li>Total score range: 1-36</li> </ul> <p>Each section uses a scale of 1-36. Your total score is the average of your four section scores.</p> <p>The optional Writing section uses a scale of 2-12 and does not count toward your final score.</p>	<ul style="list-style-type: none"> <li>Total score range: 400-1600</li> </ul> <p>The Evidence-Based Reading and Writing (EBRW) and Math sections each use a scale of 200-800 and are combined for a total score.</p> <p>The optional Essay uses three separate scales of 1-8 and does not count toward your final score.</p>
<b>Cost</b>	\$55 without Writing \$70 with Writing	52 without Essay \$68 with Essay
<b>Who Accepts scores?</b>	Accepted by all colleges and universities in the US	Accepted by all colleges and universities in the US



## Calculus Roundtable's Top 50 Colleges & Universities for Latino/x Students in STEM

School	In-state	Out-of-state	Phone Number	School Profile
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34

	\$56,169	same as in-state	(650) 723-2091	<a href="http://www.stanford.edu/">www.stanford.edu/</a>
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**Stanford University**

450 Serra Mall,  
Stanford, CA 94305

### Review

Stanford University is a very selective school, with a current acceptance rate of about 4%. This prestigious and competitive institution is ranked #2 in Best Undergraduate Engineering Programs. More than 54 faculty have been awarded the Nobel price since 1952, adding to its distinguished reputation. About half of Stanford's student population are students of color and multiple student organizations welcome and guide Latino/x students. One example of these is Hermanas de Stanford which empowers and supports Latino/as.

School	In-state	Out-of-state	Phone Number	School Profile
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35

	\$9,101	\$29,220	(919) 515-2011	<a href="http://www.ncsu.edu/">www.ncsu.edu/</a>
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2831 Thurman Drive,  
Raleigh, NC 27695

### Review

North Carolina State University is the largest four-year college in the state of North Carolina. This leading research university is one leg of the research triangle, where there is a high density of tech companies. There are multiple resources available to Latino/x students like Latin American Student Association (LASA). LASA "organizes academic and social events in order to disseminate aspects of Latin American life, culture, tradition and values." They are known for their highly ranked engineering school, and also have a Society of Hispanic Professional Engineers Chapter at the institution.

School	In-state	Out-of-state	Phone Number	School Profile
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36



100 Pomerantz Center  
Iowa City, IA, 52242

	\$9,606	\$31,569	(319) 335-3500	<a href="https://uiowa.edu/">https://uiowa.edu/</a>
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### Review

The University of Iowa has been a member of the Association of American Universities since 1909. It is the 4th largest university based on the student population in Iowa, with over 34,000 students. The institution has a great variety of STEM majors with over 100 to choose from. There are multiple programs available to welcome students, such as the Iowa Edge Program that assists first generations students of color.

## Calculus Roundtable's Top 50 Colleges & Universities for Latino/x Students in STEM

School	In-state	Out-of-state	Phone Number	School Profile
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37

	\$12,532	\$37,286	(303) 492-1411	<a href="http://www.colorado.edu/">www.colorado.edu/</a>
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University of Colorado  
Boulder

Center for Community,  
2249 Willard Loop Drive  
Boulder, CO 80309

### Review

University of Colorado Boulder, also known as CU Boulder, has over 450 student organizations and clubs for students. Some of these organizations include the CU Boulder Latino Alumni Association and the Hispanic Alumni Association. Both of the organizations mentioned aim to help the Latino/x population in CU Boulder. This institute also has more than 100 research centers and is part of the Elite research institutions in the Association of American Universities. Their College of Engineering and Applied Science is one of their most known and respected colleges, being ranked 26th in Best Engineering Schools.

School	In-state	Out-of-state	Phone Number	School Profile
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38

	\$6,946	\$18,826	(877) 464-4557	<a href="http://www.csudh.edu/">www.csudh.edu/</a>
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1000 E. Victoria St. EE-  
1300, Carson, CA  
90747

### Review

With 60% Latino/x and roughly 80% POC students, Cal State Dominguez Hills has a diverse student community. Offering more than 72 majors and 90 clubs there are many opportunities for students to explore their passions and interests. Located in the Southern California, CSUDH provides an affordable education with many resources for Latino/x students including The Educational Opportunity Program (EOP), Espiritu de Nuestro Futuro: Immigrant Student Alliance, Fuerza, Integridad, Y Amistad por Todos, Hermanas Unidas as well as Latino/x fraternities and sororities.

School	In-state	Out-of-state	Phone Number	School Profile
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39

	\$48,330	same as in-state	(713) 348-0000	<a href="http://www.rice.edu/">www.rice.edu/</a>
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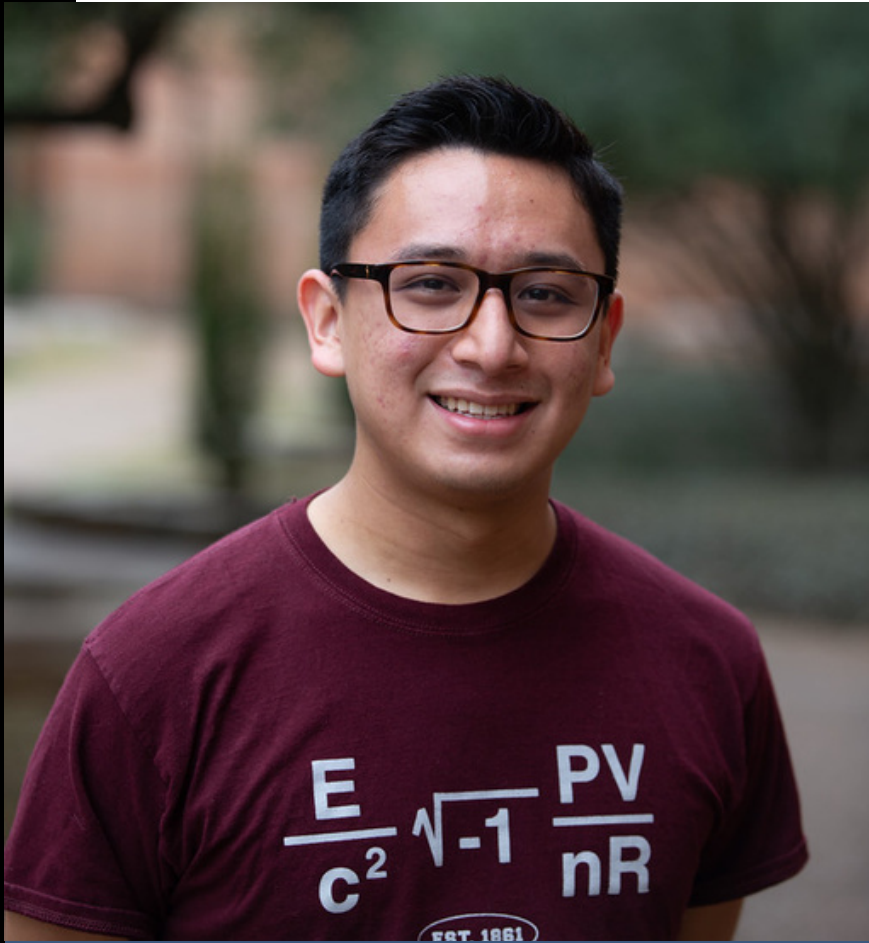
RICE UNIVERSITY

6100 Main St, Houston,  
TX 77005

### Review

Rice University is divided into 8 different schools, one of the most prestigious ones being the George R. Brown School of Engineering. Rice is ranked 19th in Best Undergraduate Engineering Programs at schools where a doctorate is available. The free textbooks program has saved students over \$30 million. It has multiple programs that aim to retain the student population of color and help them feel more comfortable. One of them is a Chicano/x floor which students can choose as a housing option for the dorms.

# A MESSAGE FROM A LATINO STUDENT



“The hardest thing entering college was adapting to the course rigor, you know all this extra course load was a lot different than high school. So, I think my biggest problem was time management, focusing on how to get all this work done in a timely manner-- because obviously, it was possible, otherwise college wouldn’t exist!”

-Erick Javier Morales,  
Rice University Student

**Erick Javier Morales** is a sophomore (second year student) studying mechanical engineering at Rice University in Houston, Texas. He calls himself a first generation Texan, as both his parents grew up in Mexico.

His father attended university in Mexico and graduated, which is why he says he doesn’t identify himself as FirstGen, nor does he take advantage of First Gen resources at his university. Erick speaks Spanish at home as his native language, but he is completely fluent in English as well.

High academic level and the community focus of campus life at Rice influenced his decision to attend more than cost. While currently not living on campus he has a close community at school made up of a group of students who attended a 10-week emerging scholars program for those with an under-served high school background, prior to starting regular classes. He feels that without this boost helped him feel part of the school community.

Entering the Rice college magnet school in third grade piqued his interest in college at a young age. In 8th grade, he made an official decision that he wanted to go to college, after seeing his sister attend. However, he feels the greatest influence was the high value his dad placed on higher education and his support especially during the arduous application process.

Positive and self-confident, Erick clearly believes in his ability to overcome obstacles and work hard to achieve his goals.

## Calculus Roundtable's Top 50 Colleges & Universities for Latino/x Students in STEM

School	In-state	Out-of-state	Phone Number	School Profile
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40



2301 Erwin Road  
Durham, NC 27710

\$55,880	same as in-state	(919) 684-8111	<a href="https://duke.edu/">https://duke.edu/</a>
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### Review

Founded in 1838, Duke is one of the richest private institutions in the nation. It is ranked 12th on National Universities, and 13th in the Best Value Schools. With an overall 4-year graduation rate of 86%, this school is very prestigious and very well known. Some organizations in Duke University focus on supporting the Hispanic and Latino/x students: Hispanic Law Students Associations, Duke University Hispanic/Latino Alumni Association, etc. These organizations focus on supporting and connecting these communities together. This institution is also part of The Research Triangle, which is known for its high volume of high-tech companies, and it holds the highest concentration of Ph.D.'s in the US.

School	In-state	Out-of-state	Phone Number	School Profile
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41



711 Oval Dr, Fort  
Collins, CO 80521

\$11,901	\$30,622	(970) 491-6444	<a href="http://www.colostate.edu/">www.colostate.edu/</a>
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### Review

Offering more than 150 degrees, and about 80 of them in STEM, this university has a lot more variety compared to some of the other schools. There are multiple Hispanic and Latino/x organizations on campus like the Society of Hispanic Professional Engineers (SHPE) and El Centro. A noticeable organization as well is Las Comadres, which aims to support mainly Latina women in pursuing their degrees. Apart from being considered one of the leading research universities, it also receives about \$308 million per year for research investment, one of the highest in the nation.

School	In-state	Out-of-state	Phone Number	School Profile
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42



5500 University Pkwy,  
San Bernardino, CA  
92407

\$6,886	\$18,765	(909) 537-5000	<a href="http://www.csusb.edu/">www.csusb.edu/</a>
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### Review

With a population of 88% students of color and a Latino/x population of 66%. This institution is very open and welcoming of Latino/x Students. It has many resources available for students of color. One of them being the Undocumented Student Success Center, making it the 4th CSU to establish this type of resource for students. Its retention rate for students of color has put this institution on the radar compared to the other Cal States. CSU San Bernardino is ranked 40th in Regional Universities in the West and has developed strong and respected computer science and engineering programs.

# SCHOOL COUNSELORS



Dr. Margareta Heredia, Ed.D.  
Assistant Principal  
San Rafael Elementary School District

**School counselors are one of the best sources of support for college-bound students. Whatever grade you are in, now is the time to start helping your counselor get to know you and your college dreams.**

Introduce yourself and state clearly that it is your definite goal to attend college. Let your counselor know that, regardless of your test scores or grades to date, you are highly motivated.

Also, make sure to tell your counselor about yourself: your interests, activities, college and career goals, and family background — including what your parents do and whether or not anyone in your family has attended college. With this initial meeting as a good starting point, your counselor can help you plot a successful course for college

## Top 10 items to cover with your counselor:

- 1) Plan classes that will prepare you for college.
- 2) Review your academic record and suggest areas that need improvement.
- 3) Identify the questions you should be asking, like: Do I want to stay near home? Does the college have my major? How important is size?
- 4) Get information about specific colleges and universities.
- 5) Identify opportunities like college fairs, weekend or summer programs on college campuses (often free for first-generation or low-income students), internships, or community college classes open to high school students.
- 6) Register for college admission tests and get fee waivers if your family can't afford to pay for tests.
- 7) Write a letter of recommendation to colleges or universities.
- 8) Complete and submit college applications carefully and on time and ask colleges to waive application fees.
- 9) Figure out how to pay for college.
- 10) Compare offers of admission and financial aid from all of your colleges.

## There are a few other very important things to remember about working with your school counselor:

- Most school counselors have many, many students who they want to help. So make **appointments early, show up on time**, and submit forms that require counselor completion well in advance of due dates.
- **Make backup copies** of everything you mail or give to your counselor.
- Make sure that you **keep your counselor “in the loop”** in terms of what you are hearing from colleges. If there are any problems which arise, your counselor can act as your direct advocate with colleges.
- If you think it would be helpful, try to schedule a meeting with your counselor AND your parent(s). There are parts of the college process that will require **additional assistance**, such as completing the financial aid applications.
- Be sure to **thank your counselor** for assistance given. When you have made it successfully through the college selection and admission process, send your counselor a handwritten note (along with any teachers who helped).



## Calculus Roundtable's Top 50 Colleges & Universities for Latino/x Students in STEM

School	In-state	Out-of-state	Phone Number	School Profile
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43

	\$59,298	same as in-state	(773) 702-1234	<a href="http://www.uchicago.edu/">www.uchicago.edu/</a>
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5801 S Ellis Ave,  
Chicago, IL 60637

### Review

The University of Chicago is one of the more competitive schools on our list with an acceptance rate of only 6%. This institution is known for its groundbreaking science; it was here where Atomic fission first happened. In addition, this university has over 90 Nobel prize winners on its faculty, which adds to this school's prestige. The institution also has a program called the Neubauer Family Adelante Summer Scholars Program, which allows students that are involved in the Latino/x community to take their summer courses free of charge. A fun fact about this school is that Former President Barack Obama taught at this school for 12 years.

School	In-state	Out-of-state	Phone Number	School Profile
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44

	\$9,498	\$30,132	(801) 581-7200	<a href="http://www.utah.edu/">www.utah.edu/</a>
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201 Presidents' Cir, Salt  
Lake City, UT 84112

### Review

The University of Utah, also know as the U, is ranked in the top 100 on Best Colleges in National Universities. It was recently invited to join the Association of American Universities, which invites some of the most prestigious schools in the nation. Their center for Ethnic Student Affairs focuses mainly on providing acceptance and a more comfortable environment for students of color. "The U" also has great Engineering programs, ranked #51 in Best Engineering Schools.

School	In-state	Out-of-state	Phone Number	School Profile
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45

	\$9,320	\$24,508	(515) 294-4111	<a href="http://www.iastate.edu/">www.iastate.edu/</a>
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2229 Lincoln Way,  
Ames, IA 50014

### Review

Apart from having over 50 STEM undergraduate programs to choose from, it has multiple programs and scholarships to assist students of color. The institution has an Office of Diversity, Equity, and Inclusion, which focuses on helping people from different backgrounds feel comfortable. One of the programs offered is the Hispanic and Latino Affairs Program that not only supports the Latino/x community but allows it to "engage in work around topics that impact" the institution. They are also known for their Multicultural Vision Program (MVP) Award, which gives 100 students of color every year a full ride of 8 semesters at the university.

# Calculus Roundtable's Top 50 Colleges & Universities for Latino/x Students in STEM

## SCHOOL IN THE SPOTLIGHT

One of the leading Biochemistry and Agricultural Science programs in the country

# IOWA STATE UNIVERSITY

### Opportunities Abound

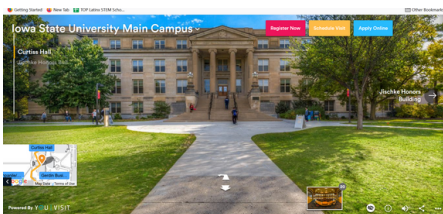
The 2012 Census of Agriculture shows that there were 151,942 minority-operated farms. Hispanic principal operators increased from 2007 to 2012 by 21 percent.



Nadilia Gomez is Iowa State's Chief Technology Officer for Digital and Precision Agriculture Research and Innovation Platform, bringing with her a valuable blend of industry, entrepreneurial and academic experience and insight.

Gomez most recently served as executive director for the Iowa AgriTech Accelerator. For the decade prior to that, she served in a variety of roles for DuPont-Pioneer and Corteva Agriscience, including the role of digital pillar leader. In that role, she managed a portfolio of research initiatives in digital innovations and trained more than 100 scientists, and mentored more than 30 intrapreneurs.

As CTO, Gomez works closely with the Digital and Precision Agriculture platform lead and director of the Plant Sciences Institute, and research teams at Iowa State to identify technologies with commercial potential in the Digital and Precision Agriculture space.



Take a virtual tour of the campus

## Calculus Roundtable's Top 50 Colleges & Universities for Latino/x Students in STEM

School	In-state	Out-of-state	Phone Number	School Profile
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46

\$9,320

\$24,508

(410) 516-8000

[www.jhu.edu/](http://www.jhu.edu/)



**JOHNS HOPKINS**  
UNIVERSITY

3400 N. Charles St.,  
146, Baltimore, MD  
21218

### Review

This private university has an acceptance rate of 11% and is one of the most prestigious schools in the whole country. Along with its prominence, Johns Hopkins is the first research university in the nation, and it is widely known for its medicine and nursing program. It is currently ranked #2 in Medical Schools: Research. There are many Latino/x organizations, like the Latino Student Medical Society, which focuses on supporting the Latino/x community in multiple ways. For example, it "promote[s] opportunities for medical students." This institution also has a program called Centro Sol, which "promote[s] equity in health and opportunity for Latinos."

School	In-state	Out-of-state	Phone Number	School Profile
--------	----------	--------------	--------------	----------------

47

\$54,600

same as in-state

(626) 395-6811

[www.caltech.edu/](http://www.caltech.edu/)



**Caltech**

1200 E California Blvd,  
Pasadena, CA 91125

### Review

California Institute of Technology also known as Caltech is ranked in the top 10 Best Colleges Nationally by U.S. News. This institution is mainly focused on its engineering and science programs. Caltech is one of the smaller schools on our list, with a student-to-faculty ratio of 3:1. It currently has in its ranks 7 Nobel Laureates, which only adds to the prestige of the institution. Its most popular majors are computer science and mechanical engineering and it is currently the largest employer in the city of Pasadena.

School	In-state	Out-of-state	Phone Number	School Profile
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48

\$56,800

same as in-state

(504) 865-5000

<https://tulane.edu/>



**Tulane**  
University

6823 St Charles Ave,  
New Orleans, LA 70118

### Review

Although the population of students of color is only about 19%, this institution still finds multiple ways to help the Latino/x community feel more accepted and comfortable. The institution's Gente organization is specifically aimed to help increase Latino/x students on campus. It also serves as a support system for many students. Their faculty to student ratio is one of the lowest in this list at 8:1. It has also a majority of female students who make up 59% of the student body.

# A MESSAGE FROM A LATINO PARENT



When asked about what advice Gamez would give to other Latino parents, he says, “Notice any way that you and your spouse can talk to your kids about college. Tell them about different ways that they can stay connected to the family if they decide to go away for college. Remind them that they’ll always be connected even if they’re physically not together.”

- Eduardo Gamez  
UC Irvine and Cal State East  
Bay Parent

**Eduardo (Eddie) Gamez** is a Latino parent to two college students, both of whom are currently attending universities in California. Gamez grew up in Mexico and came to the U.S. at a very young age, but not before attending some college. Emphasizing the importance of college was something the Gamez family stressed with their kids, even though neither parent was able to finish college, they knew the importance of education and how it could change their lives.

Gamez's daughter is a first-year college student at Cal State East Bay studying Forensics Biology and his son is in his 5th year at UC Irvine, studying Environmental Engineering. When his son was choosing a college, UCI wasn't on the radar until a spontaneous family trip to Irvine's campus where he knew instinctively that this university was the one for him. After Gamez's son went to college it set the bar for his daughter to follow in his footsteps.

Gamez cites a great elementary school coach as one of the main reasons his kids were able to learn about and visit college. This coach inspired many kids to attend college by taking them to field trips to St. Mary's college campus and showing them that this was something that they can accomplish.

Gamez encouraged his kids to choose colleges that would help them, and when choosing their majors he told them to choose what they want to do. When his son went off to college, Gamez told him to try his best, but also remember why he's there. Gamez continuously encourages his kids to apply for scholarships so that they can finance their education because they do not receive financial aid.



# Calculus Roundtable's Top 50 Colleges & Universities for Latino/x Students in STEM

## SCHOOL IN THE SPOTLIGHT



(Photo by Paula Burch-Celestano)

Doctoral student Asis Lopez, who is in the Bioinnovation program, is a new board member of the Society for Advancement of Chicanos/Hispanics and Native Americans in Science, a group that promotes diversity in STEM fields.

### The numbers inside the numbers

*The mission of the Tulane University School of Science and Engineering is to provide outstanding opportunities for learning and discovery in science and engineering and to foster an environment that is student-focused, research-intensive, trans-disciplinary, entrepreneurial, and responsive to the needs of society and the community.*

*Programs offered through the school of Engineering:*

- Biomedical Engineering
- Cell and Molecular Biology
- Chemical and Biomolecular Engineering
- Chemistry
- Computer Science
- Earth and Environmental Sciences
- Ecology and Evolutionary Biology
- Mathematics
- Neuroscience
- Physics and Engineering Physics
- Psychology
- Department of River-Coastal Science and Engineering
- Interdisciplinary Graduate Degree Programs
- Programs in Biological Chemistry



SACNAS is a national organization that promotes diversity in STEM fields, especially for Chicano, Hispanic, and Native American students and professionals.

Board member Lopez is part of the Tulane IGERT Interdisciplinary Bioinnovation Ph.D. program, where he studies how ultrasound can regenerate neurons. He is a longtime SACNAS member, was a SACNAS program manager, and hopes to establish a Tulane SACNAS Student Chapter.

SACNAS is committed to leveraging the knowledge we have cultivated through over 40 years of direct service to inform and influence public policies and funding that will support the communities we serve. Our leaders are a respected source of expertise and information on how to encourage, recruit, and retain Chicanos/Hispanics and Native Americans in STEM fields.



*Advancing Chicanos/Hispanics  
& Native Americans in Science*



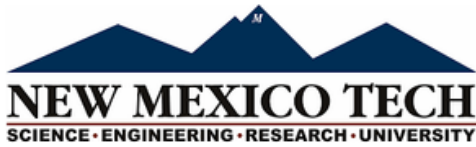


# Calculus Roundtable's Top 50 Colleges & Universities for Latino/x Students in STEM

School	In-state	Out-of-state	Phone Number	School Profile
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49

	\$8,156	\$23,524	(575) 835-5434	<a href="http://www.nmt.edu/">www.nmt.edu/</a>
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801 Leroy Pl, Socorro,  
NM 87801

### Review

New Mexico Tech, as stated in the name, is widely known for its technology and STEM programs that it offers. It is a smaller college in both size and population, however, this institution is ranked as the number one public university in New Mexico by Niche. Apart from being a Hispanic Serving institution, it is considered one of the best HSI's in the country. Multiple multicultural programs are offered on campus to help students of color navigate through college. Some of the more popular ones are; American Indian Science and Engineering Society (AISES) and the Society for Hispanic Professional Engineers (SHPE).

School	In-state	Out-of-state	Phone Number	School Profile
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50

	\$19,835	\$31,715	(916) 278-6011	<a href="http://www.csus.edu/">www.csus.edu/</a>
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6000 J St, Sacramento,  
CA 95819

### Review

Having one of the highest population of students of color on our list and over 300 organizations to join, Sacramento State is a great option for Latino/x students. According to a report in 2019 by U.S. News, this institution was the fourth most diverse in the western United States. Sacramento State also offers students the opportunity to join fraternities and sororities, some of which include Alpha Psi Lambda, and Lambda Theta Pi, all of which provide leadership, strategic programming to promote higher education, and helping out the community.

# TOP 50 STEM SCHOOLS FOR LATINX STUDENTS

1. Cal Poly Pomona Pomona,CA
2. San Diego State University San Diego,CA
3. Florida International University Miami,FL
4. UC Riverside Riverside,CA
5. University of Houston Houston,TX
6. Lehman College West Bronx,NY
7. UC Merced Merced,CA
8. CSU Fullerton Fullerton,CA
9. CSU Long Beach Long Beach,CA
10. UC Santa Cruz Santa Cruz,CA
11. UCLA Los Angeles,CA
12. UC Davis Davis,CA
13. Texas State University San Marcos,TX
14. Fresno Pacific University Fresno,CA
15. The City College of New York New York,NY
16. CSU Fresno Fresno,CA
17. CSU Stanislaus Turlock ,CA
18. UTSA San Antonio,TX
19. UC Berkeley Berkeley,CA
20. Whittier College Whittier,CA
21. St. Edwards University Austin,TX
22. University of Texas at Austin Austin,TX
23. UC Santa Barbara Santa Barbara,CA
24. Arizona State University Tempe,AZ
25. University of Florida Gainesville,FL
26. University of Miami Coral Gables,FL
27. Texas A & M CollegeStation,TX
28. Texas Tech University Lubbock,TX
29. University of Washington Seattle,WA
30. New Mexico State University Las Cruces,NM
31. Washington University in St. Louis St. Louis,MO
32. Massachusetts Institute of Technology Cambridge,MA
33. UNC-Chapel Hill Chapel Hill,NC
34. Stanford University Stanford,CA
35. NC State University Raleigh,NC
36. University of Iowa Iowa City,IA
37. University of Colorado Boulder,CO
38. CSU Dominguez Hills Carson,CA
39. Rice University Houston,TX
40. Duke University Durham,NC
41. Colorado State Ft. Collins Fort Collins,CO
42. CSU San Bernardino San Bernardino,CA
43. University of Chicago Chicago,IL
44. University of Utah Salt Lake City,UT
45. Iowa State University Ames,IA
46. John Hopkins University Baltimore,MD
47. CalTech Pasadena,CA
48. Tulane University New Orleans,LA
49. New Mexico Institute of Mining &Technology Socorro,NM
50. Sacramento State University Sacramento,CA

## Our Methodology

The methodology behind our rankings is grounded in statistical data and a few consistently applied guiding principles. For our 2022 lists, we compiled information collected from the Hispanic Association of Colleges and Universities, Best Colleges, US News, World Report, and the White House Hispanic Prosperity Initiative. For statistical information, we used data from IPEDS and the College Navigator, both of which are hosted on the National Center for Education Statistics platform. Most of the data available is from the 2019-2020 academic year; more recent information is used when available. Our ranking criteria is based on accessibility, availability, accommodations, special scholarships and the schools' commitment to STEM based degree programs.



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## Additional Reading

*Achieving Equity for Latino Students: Expanding the Pathway to Higher Education Through Public Policy* by Frances Contreras and James A. Banks ISBN-13: 978-0807752104

*Broke: The Racial Consequences of Underfunding Public Universities* by Laura T. Hamilton and Kelly Nielsen University of Chicago Press 2021 ISBN: 9780226747453

*Equity in Science: Representation, Culture, and the Dynamics of Change in Graduate Education* by Julie R. Posselt Stanford University Press ISBN: 9781503608702

*A Third of Minority Students Leave STEM Majors. Here's Why* by Emily Arnim. EAB, 18 Mar. 2020, eab.com/insights/daily-briefing/student-success/a-third-of-minority-students-leave-stem-majors-heres-why/.



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Richmond, CA 94804

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*We thank you for your continued support for Calculus Roundtable.*



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TOP 50 COLLEGES & UNIVERSITIES  
FOR LATINO/X STUDENTS IN STEM