

EDUCATION, TRAINING & Online Learning

CUSTOM CONTENT • February 15, 2021



K-12 STEAM GUIDE

Presented by





Chapman's Educational Studies Programs Work to Build Inclusive Curriculum

Coursework embeds students in local communities, providing opportunities to promote equity and inclusion

For years, Michelle Samura has sought to expand learning opportunities to include those who typically get overlooked. So during this time when issues of racial and social equity are at the forefront, she sees great value in reconsidering curriculum to ensure that classes, coursework and other content are as inclusive as possible.

"All around us, there are reminders that diversity, equity and inclusion are not enhancements – they are essential to the health of our society," says Samura, Ph.D., associate dean of undergraduate education and external affairs in Attallah College of Educational Studies at Chapman University. "Knowledge can be found both in classrooms and in our communities. It's especially important to highlight voices and experiences that historically have been overlooked in our curriculum.



Chapman students from the Attallah College of Educational Studies read to students in the community.

In recent years at Chapman, course offerings have expanded to include the launch of minors such as Africana Studies, Latinx and Latin American Studies, and Disability Studies, developed by scholars in Wilkinson College of Arts, Humanities, and Social Sciences. Minors in Ethnic Studies and Asian American Studies are on the way or in the works. These additions and others are part of a re-envisioning of curriculum that can help to "position Chapman for a more diverse student population," as outlined in "A Roadmap for Best Practices," prepared last summer by a campus collaborative working on issues of diversity, equity and inclusion.

Infusing Curriculum With Diverse Perspectives

Such steps are important, say Samura and Attallah College Interim Dean Roxanne Greitz Miller. In Attallah, leaders work to develop not only their own program curricula but also to prepare the next generation of educators to do the same at the K-12 level. The ultimate goal is to "infuse DEI throughout our curricular experience, so it's not just set aside or just showing up in one or two classes," Samura says.

Attallah College is achieving that goal in multiple ways.

"There's a consideration of diversity among scholars in solving problems," says Miller, Ed.D., who is also vice provost of graduate education at Chapman. "Then there's a consideration of diversity in all stages of course design, extending beyond race, ethnicity and gender to also include factors such as linguistic traditions, socioeconomic status, ability and disability, and geographic representation. It's important to include a host of perspectives that are academic, intellectual and social."

In all of these scholarly considerations, there should be room for learning

how to engage with difference, Samura notes. A give-and-take that includes diverse and even conflicting perspectives is more likely to yield an immersive curriculum that is also creative and absorbing.

"It's not about checking boxes but about creating experiences to engage with perspectives and experiences that are different from one's own," says Samura, an associate professor in Attallah's Integrated Educational Studies program. "From conflict, there are possibilities for growth. That, for me, is such a big piece – moving beyond simplistic labels of good and bad. Curriculum is about trying to understand the gray areas – about creating room for the in-betweenness, the wrestling. It's about learning to be different together."

Building Coursework That Reflects Lived Experiences

To ensure that diverse perspectives get considered, Attallah works closely with Chapman's local communities. A course such as "Schools and Society," regularly taught by Associate Professor Quaylan Allen, Ph.D., builds coursework on the lived experiences of community members – in this case, the youngsters and families served by Higher Ground Youth and Family Services in Anaheim.

"Students share stories about how they had one perception or stereotype about a particular group, but then when they had a chance to spend an entire semester or longer with students and their families, that changes," Samura says. "They say things like, 'They remind me of my own family.' It humanizes the experience, and that otherness starts to break down."

Curricular components such as readings and lectures remain essential tools for understanding, Miller adds. They, too, need to be viewed through a DEI lens.



Professor Quaylan Allen, Ph.D., back row, second from the left, with a group of students from Chapman and Higher Ground Youth and Family Services.

"We're always guided by outcomes," she says. "We're examining every facet of curriculum to find out how it can be more diverse, based on all of the concepts, approaches and participants."

The commitment needs to be ongoing and extend across all schools and disciplines, Miller and Samura add.

"To be effective, it should be an integrative effort," Samura says.

Learn More

www.chapman.edu/education



HERE TO CONNECT WITH OUR COMMUNITY.

What does equity look like?

At Chapman University, it starts with a deep commitment to our Orange County communities. In our **Attallah College of Educational Studies**, students work closely with organizations to lift up young learners who otherwise might get left behind. That real-world experience fosters understanding, prompts innovative thinking, launches rewarding careers. Our students are proud to make a difference in the communities we call home.

Learn more at [Chapman.edu/education](https://www.chapman.edu/education)

VALUE EXPERT

As an economist, Russell Mangum gives expert testimony in high-profile cases of intellectual property infringement and anti-trust litigation. His clients and cases have included companies as diverse as Microsoft, Monster Energy, Chipotle and Chicken of the Sea.

"I very much like that I get to look into so many markets, products and issues," Mangum says. "Every six months I'm doing something completely different than before."

After earning his MA and PhD in economics, he went to Washington, D.C., to work as an economist for the U.S. Federal Trade Commission, then eventually moved back to California and worked for companies including PricewaterhouseCoopers, Analysis Group and Nathan Associates for whom Mangum opened an office in Irvine. He is now a senior vice president there, conducting economic research and analysis, and providing expert testimony.

Mangum studies competition and market value to help courts and companies protect competition and intellectual property, and quantify damages related to restraints on competition and when intellectual property is infringed. A partial list of industries for which Mangum has performed damages analyses reads like a cross-section of the global economy. They include cases involving:

- automated stapling machines used in bed manufacturing
- high-rise elevator hardware and control systems
- business software
- padded athletic shirts, pants, shoes and headwear
- handheld device navigation applications
- semiconductors
- spinal fusion implants
- breast biopsy devices
- additive-infused candy
- a new variety of late ripening white grapes
- personal watercraft devices
- online dining reservation and payment services
- Internet search engine terms related to sales of food
- motion picture trademarks used on clothing furniture, both mechanized and non-mechanized
- portable combustion engines
- infant care products
- postal measuring products
- scented candles
- children's toys design plans for a theme amusement park.

On the competition side, Mangum also analyzes the magnitude of competition in markets, market power, and the likelihood of monopolization from certain events. He has given expert analysis for the competitive effects of proposed mergers and alleged collusion in industries including supermarkets, auto parts, cable systems and computer game software.



A recent high-profile case involved alleged price-fixing by the top three sellers of packaged tuna. In the process of evaluating the proposed merger of Chicken of the Sea and Bumble Bee Foods, the federal government found documents giving evidence of collusion to fix prices. All three of the big tuna packagers, including StarKist, admitted guilt. Mangum was hired to help determine whether the alleged conspiracy had had any economic effect. He built a statistical model to evaluate if prices were made higher and if the conspiracy likely worked to limit competition.

Mangum is also active in areas other than competition. He testified on behalf of Chipotle Mexican Grill related to charges of false statements about food product ingredients, and for Monster Energy Company and Disney Resorts, separately, in trademark and copyright infringement cases.

"In my analysis I get access to top-level company individuals — CEOs, executive vice presidents — people who rarely deal with the public," he says. "It's a pleasure to be around them and hear the way they evaluate their business. Economics can be so conceptual and theoretical that it's refreshing to talk to someone who is the ultimate pragmatist. Success for them isn't measured by published articles. It's measured by the customer who bought what they are selling."

Mangum enjoys the team-oriented approach at Nathan Associates.

"I get to work with smart people who are trained in economics and are very good at what they do," Mangum says. "That's the great thing about it, the cooperative team environment."

Today, Mangum teaches a full load of courses as an associate professor at CUI's School of Business and Economics. He brings stories of cases he is working on into the classroom, and invites students to trials where he is giving expert testimony exposing students to the many different vocational opportunities for economics majors and business majors with the just-introduced business economics emphasis.

"I enjoy the process of helping someone understand," Mangum says. "I love the critical thinking approach of economics, and learning there are systems behind it. I love teaching the students and seeing the light bulbs come on."

In his leisure time, Mangum ran his ninth marathon last fall, and recently took up regular surfing.

"I've surfed a little my whole life, but two years ago I was taking my daughter to a surf event with some church interns and it clicked with me," he says. "I like the outdoors and getting into that environment." ■

To learn more about the School of Business & Economics at Concordia University Irvine, please visit www.cui.edu/business or call 949-854-8002.

The best instructors never stop being students.



Russ Mangum, PhD
Economist and Value Expert
CUI Professor of Economics
Student of Surfing

Go to www.cui.edu/ValueExpert to see Russ' story.

The economy may have its swings, but those who know how to forecast and ride it out will always be in demand. Learn the secrets of how business and economics really work from experienced instructors who've built successful careers at it—and are still active in their fields. Along with knowledgeable, caring faculty who want to help their students succeed, Concordia University Irvine offers small class sizes that allow professors to devote more attention to students on an individual basis. That means you'll see plenty of return on investment.



SCHOOL OF BUSINESS & ECONOMICS

CUI.EDU/BUSINESS



Cal State Fullerton

WHAT DOES IT TAKE TO SUPPORT STUDENTS IN A PANDEMIC?

It takes a Titan — a Titan like you!

Over the past year, thousands have stepped up to help Cal State Fullerton students through the university's first-ever comprehensive philanthropic campaign, "It Takes a Titan."

Launched on the eve of the COVID-19 outbreak, the campaign was designed to address the daunting challenges faced by the university: continuing to meet student needs sufficiently in the midst of declining state funding, a surging student population and aging campus infrastructure.

The pandemic made the situation more dire. Many CSUF students suddenly confronted unemployment, hunger and homelessness.

Compassionate CSUF supporters like you immediately stepped up and responded to the crisis, providing \$250,000 to the Titan Emergency Fund to help with students' basic needs.

At the same time, Titan donors understand the importance of building a post-pandemic future for students. Thanks to generous contributions of \$239,139 on CSUF's first-ever day of giving and continued support throughout 2020, the campaign has raised \$166 million towards the \$200 million goal (83% of goal).

The support students find at Cal State Fullerton — from mentors and student success resources to compassion and assistance during the darkest of times — is a lifeline.

In true Titan form, these grateful students are inspired by that help to make a difference and lift up others along the way — providing hope to our community in a variety of ways:



Titans of the Front Line

Titan nurses continue to be among the brave and dedicated health care professionals on the front lines in the fight against COVID-19.

Inspired and supported by nursing faculty members, many of whom are practicing nurses, nursing students are volunteering at the Orange County Health Agency's Agency Operations Center, assisting with health screenings, research and personal protective equipment distribution.



Titan of Hope

Mir Aminy is providing a different kind of hope by mentoring local youth, encouraging them to believe in themselves and their future.

Mir knows a little bit about overcoming challenges — with a wheelchair and history of incarceration, he struggled to find his place at college.

Discovering CSUF's Project Rebound, a program for the formerly incarcerated, was a turning point. Project Rebound helped him develop into an involved student and community member and achieve his degree.

Cal State Fullerton inspires students' paths, helps launch careers and improves lives.

Now more than ever, our students need the support of the entire Titan family to elevate their potential.

\$200M GOAL

83% (\$166M) RAISED

\$239,139 raised, thanks to 662 donors, on CSUF's first-ever day of giving

Be the difference in a student's life. Support the "It Takes a Titan" campaign at campaign.fullerton.edu.



IT TAKES A TITAN
THE CAMPAIGN FOR CAL STATE FULLERTON

Cal State Fullerton

TITAN of Purpose



Young **Karla Aguirre** faced poverty and instability, but education was her path to the American dream.

As a teen parent, she became the first in her family to earn a college degree.

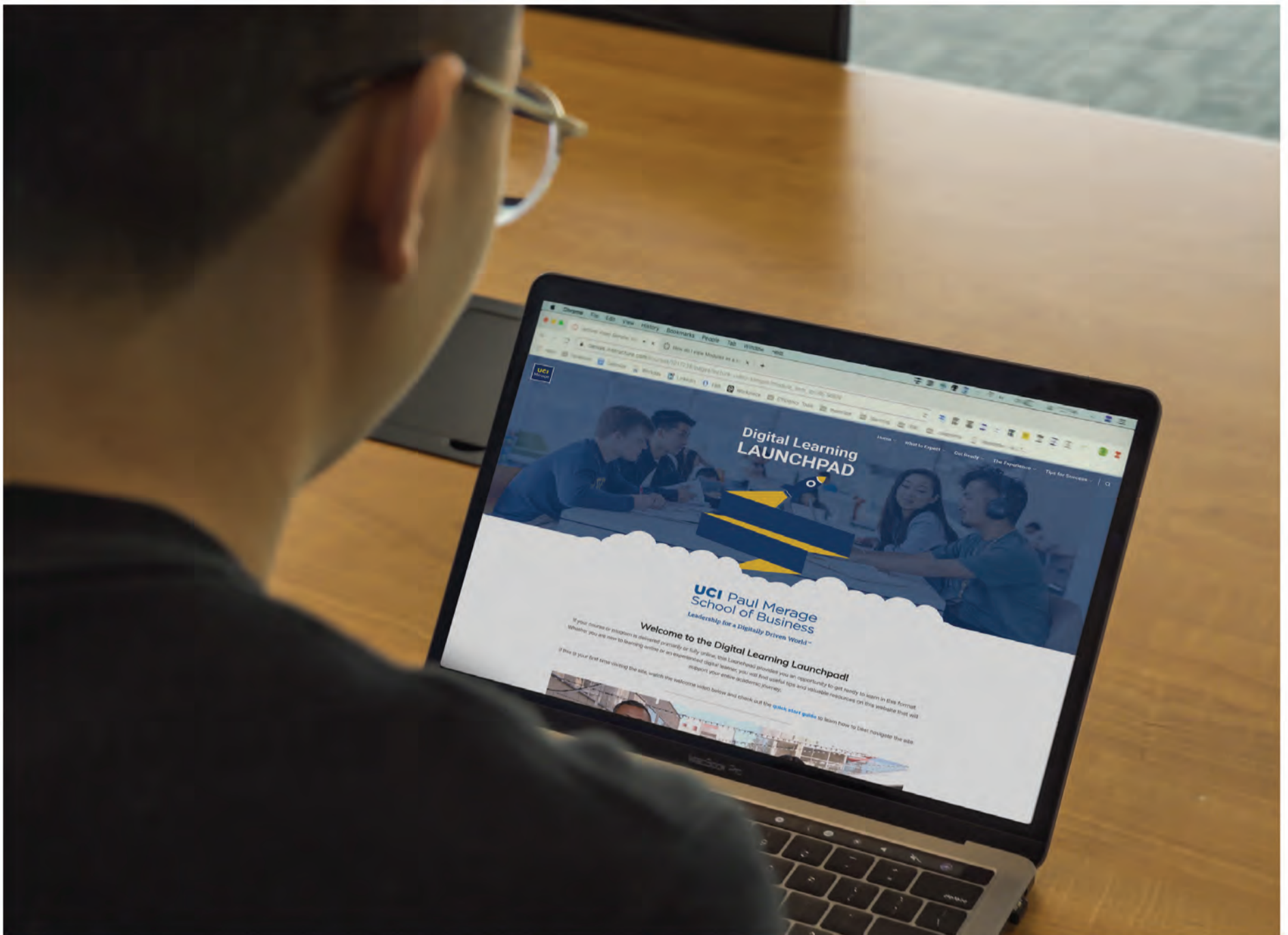
At **Cal State Fullerton**, Karla not only **completed her doctorate**, but was empowered to advance social justice in education.

Today, Karla lives her purpose as a school counselor and founder of a nonprofit youth mentoring program, **championing an equitable future for all.**

campaign.fullerton.edu/purpose



IT TAKES A TITAN
THE CAMPAIGN FOR CAL STATE FULLERTON



Learning in a Digitally Driven World

The Merage School has invested significant resources in creating a cutting-edge digital learning experience for business students.

The team is led by Natalie Blair, director of digital learning, with a focus on crafting a “learner-centric design.”

“Our team’s goal is to create meaningful and effective learning experiences for all students, and we do this by investing over 200 hours of strategy and production time for each digital course design,” said Blair. “Every class is strategically aligned to the professor’s teaching style and

“Ultimately, a top-tier digital course increases access and gives students new experiences that will serve them throughout their entire academic journey,”

is backed by measurable learning outcomes.”

Through the UC system, the Merage School is a member of the Online Learning Consortium, a professional organization that helps benchmark digital learning programs with over 72 quality indicators for higher

education. This not only guides quality standards for learning online at the Merage School, it also ensures consistency across programs.

The team begins by vision and strategy mapping. In this phase, a learning experience designer works side-by-side with faculty to identify learning outcomes and teaching strategies used to create an effective digital learning experience.

Next, Blair’s team enters the module mapping phase, where each week’s readings, discussions and assignments are transformed to the digital learning environment.

Finally, during multimedia mapping, they identify what content should be transformed into multimedia formats that will deliver rich learning experience equivalent to the traditional classroom. Students may be asked to submit video questions or engage in other interactive experiences to ensure learning success. Professor Max Chao, for example, has a Q&A style courtroom activity he calls “You Be the Judge.”

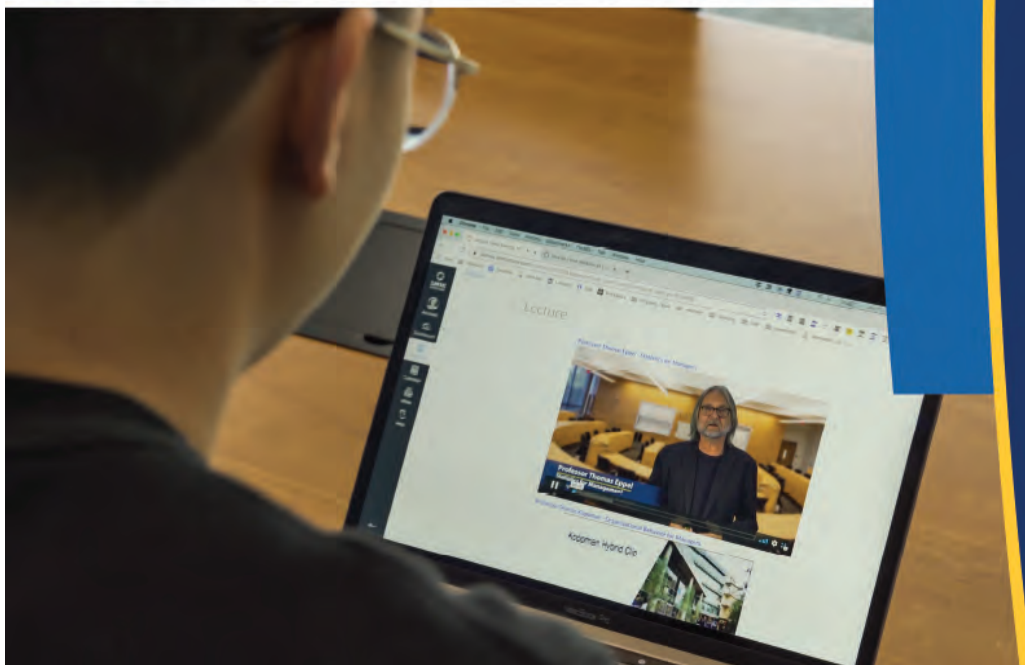
“Ultimately, a top-tier digital course increases access and gives students new experiences that will serve them throughout their entire academic journey,” said Blair.

For more information about The Paul Merage School of Business and our programs, please visit merage.uci.edu.

**UCI Paul Merage
School of Business**

Leadership for a Digitally Driven World™

Digital learning at the Merage School is more than a convenience; it's an experience.



merage.uci.edu/digital-courses

UCI Paul Merage School of Business

Leadership for a Digitally Driven World™

A University Worth Your Investment: Alumni Satisfaction Survey Shows University of La Verne on Top

The University of La Verne is among the best universities in the country for alumni satisfaction, according to a new research study.

The study, published in the peer-reviewed *Journal of Consumer Affairs*, ranks the university at No. 1 in California and No. 11 nationally, just below Harvard and ahead of institutions such as Stanford University, UC Berkeley, and University of Southern California.

"This study supports what we have long known, which is that an education from the University of La Verne is an investment in your future," University of La Verne President Devorah Lieberman said. "There is no stronger evidence of that than our alumni, who graduate satisfied and go on to have meaningful and successful lives."

The study, titled "Assessing The Validity of Consumer Ratings for Higher Education," was published by Jonathan Rothwell, senior economist at Gallup, and was based on data gathered by the Strada-Gallup Education Consumer Survey.

It analyzed responses from nearly 146,000 alumni from 496 institutions in the United States on how strongly they agreed to statements regarding their education, such as:

- You received a high-quality education
- You would recommend the educational path you took to other people
- You would not be where you are today without your degree
- You learned important skills during college courses that you use in your day-to-day life
- The coursework you took is directly relevant to what you do at work
- Your educational experiences make you an attractive candidate to employers
- Your education was worth the cost
- If you had to do it all over again, you would attend the same institution

The study posited that one of the most effective ways of evaluating a university is to ask people who attended it about their experience, an area that is often overlooked in conventional college rankings. It also aimed to test the assumption that higher education institutions with hefty price tags correlate with a higher-quality education.

"This survey gives a voice to alumni in a way that is not typically captured," said Kimberly Grant, assistant vice president of alumni engagement at the University



of La Verne. "Our alumni have tremendous insight into the University of La Verne experience, and we are delighted that they are able to share it to help future students choose the college or university that is best for them."

The University of La Verne has more than 85,000 alumni worldwide who hold meaningful careers in nearly every field and sector. They can be found in each state of the union and in 66 countries.

The University of La Verne continues to support them long after they graduate. This year, the university has hosted virtual networking seminars, Q&A sessions with industry leaders, and social events.

The university is now accepting applications for undergraduate and graduate programs in business, education, and other fields, including dedicated programs for adult learners.

Learn more at go.laverne.edu.

About the University of La Verne

Founded in 1891 and located 35 miles east of Los Angeles, the University of La Verne is a private, nonprofit, comprehensive institution founded on four core values: lifelong learning, ethical reasoning, civic and community engagement, and diversity and inclusivity. The university serves nearly 8,000 students at its historic La Verne location as well as across seven regional campuses and online.

#1 in California for Alumni Satisfaction

-*Journal of Consumer Affairs*

and 11th in the nation next to Princeton, Yale, and Harvard.

University of
La Verne

For more information, visit
go.laverne.edu



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Saddleback College is dedicated to delivering results-oriented, customized training that builds and maintains a highly-skilled and productive workforce. Whether your organization requires employee training in basic computer skills, customer service, or in a highly technical area such as advanced manufacturing and industrial automation, your community college has the training professionals and subject matter experts who can create and deliver programs to all levels of staff.



Welcome to **OPPORTUNITY.**

serve every segment of our areas population and provide pathways to Saddleback College academic course offerings. This self-funded program offers short-term, fee-based classes and serves 17,000 participants annually.

Our enrichment programs for adults include investing and retirement planning sessions, computer technologies and skill building opportunities, entrepreneurial explorations, and a variety of arts, dance and music classes. Currently we are offering Alternative and Renewable Vehicle Training and Development classes; registration is open for you and your employees, click here: [Business Training and Development](#)

Our College For Kids program includes both our summer program and our Before and After-School Experience (BASE). Saddleback College For Kids was established in the early 1980s; a summer program which gives children 17 and under a chance to experience college life with individualized class schedules. In partnership with Capistrano Unified School District (CUSD) we offer BASE classes at more than 35 elementary, middle and high schools. Classes include academics, arts, culinary arts, cultural exploration, sports, and STEM.

Saddleback College Community Education is always looking for skilled and enthusiastic learning facilitators, we are focused on expanding our programs, working with the campus community, and reaching out to key stakeholders and program participants in order to develop and offer new, cutting-edge programs that pique the interest of our expanding market. To submit a course proposal visit: <https://www.saddleback.edu/ce/Propose-Class>

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- Healthcare
- Information & Communication Technologies (ICT) & Digital Media
- Life Sciences & Biotech
- Retail/Hospitality/Tourism
- Small Business

Your company may qualify for subsidized training through funds provided by the Employment Training Panel (ETP)!

Community Education

Saddleback College Community Education provides lifelong-learning opportunities for children and adults of all ages and backgrounds who wish to explore their personal interests or expand their career. Our non-credit and not-for-credit programs



For more information on the opportunities listed, please contact:
 Israel S. Dominguez, MBA
 Director of Economic & Workforce Development
 28000 Marguerite Parkway, Mission Viejo, California 92692
 (949) 582-4777
idinguez@saddleback.edu
<https://www.saddleback.edu/ewd>



Welcome to **CUSTOMIZED TRAINING**

Saddleback College delivers customized training to upskill your workforce in a wide variety of topics. Training increases productivity and closes the skill gap in organizations. Saddleback College's customized business training is subsidized through the California Employment Training panel so there is **little to no cost to your company.**

✓ BUT WAIT, THERE'S MORE!

Check out the **ALTERNATIVE AND RENEWABLE VEHICLE** fee-based training and development classes offered by Saddleback College Community Education and Economic and Workforce Development division!

For a complete list of training topics visit:
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Classes offered March and April, REGISTER TODAY before classes fill!

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 Director of Economic & Workforce Development
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Welcome to **OPPORTUNITY.**





At the Forefront of Online Education: Master of Studies in Law

In any organization, leadership isn't just important, it's essential. And in today's ever-changing workplace, effective leaders offer a well-rounded skillset — able to adapt to new challenges and set the strategies for success.

Through the online Master of Studies in Law (MSL) program at the USC Gould School of Law, non-lawyer professionals — who come from a variety of career backgrounds and roles — are able to expand their knowledge of legal concepts, while building the analytical skills to examine problems and solutions in innovative ways. The MSL degree enables practitioners and leaders to enhance their business expertise with an essential legal education.

THE MSL ADVANTAGE

Offered through the University of Southern California's Gould School of Law, ranked among the top 20 law schools nationwide, the MSL program helps students better understand the range of legal matters they encounter on a daily basis in their work — from contracts and compliance, to finance and mergers, to cybersecurity and intellectual property. Through an interdisciplinary curriculum, MSL students gain a foundational understanding of the law, combining their career experiences with added expertise in legal and regulatory frameworks, which they apply to their roles and ultimately improve their organizations.

In addition, students have the opportunity to tailor their educational experience, specializing in an industry-specific area that is relevant to their career and personal goals.

INTERACTIVE, ONLINE FORMAT

Students have the convenience of completing the degree 100% online, and the flexibility to study part-time — making the MSL an ideal format to balance the demands of working professionals. No LSAT or GRE test is required; no prior law degree is required either. Generous scholarships are available and considered for



all applicants.

The benefits extend far beyond the classroom. Graduates of the MSL program gain access to the global Trojan Family network, which includes connections to nearly 14,000 USC Gould alumni.

CUSTOMIZED CONCENTRATIONS

Students can tailor their educational experience with an industry-specific certificate, which can be completed at no additional cost, as part of the MSL program. Certificate programs include:

- Business Law
- Compliance
- Entertainment Law and Industry
- Financial Compliance
- Human Resources Law and Compliance
- Privacy Law and Cybersecurity
- Health Care Compliance

The certificate programs — which may be earned in as few as three semesters online — help students maximize their impact within their workplace.

For more information about the MSL degree, visit bit.ly/usclaw2021.

CORPORATE PARTNERSHIP OPPORTUNITIES

The USC Gould School of Law partners with numerous organizations that offer scholarship savings for employees. Additional benefits for corporate partners and their employees include personalized application support and individual academic advising, among many others.

To explore corporate partnerships, visit <http://bit.ly/usc-corporate-ed> or email corporatecustomed@law.usc.edu.

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The Power of the Pivot During a Pandemic

Persistence pays off.

It has for Tom Hsieh, a graduate of Claremont Graduate University's Drucker School of Management and a co-founder of FLOAT Shuttle, a brand-new commuter service for Southern California motorists who want to avoid traffic by flying over it.

The company name is an acronym for "Fly Over All Traffic," which every Southland commuter probably thinks of as they're sitting in gridlock. *Wouldn't it be nice to fly over all of this?*

Hsieh's solution couldn't make more sense ... and couldn't have been more poorly timed.

FLOAT launched in early March 2020—just as the COVID-19 quarantine exploded. Commuting ground to a halt as many transitioned to work-from-home situations.

FLOAT looked like it would, well, sink—but Hsieh and his partners redirected their efforts. They looked to Alaska, where commuter plane services are among the most efficient and necessary ways to get travelers around the state.

Pivoting North

The company purchased Ravn Alaska, an air shuttle service responding to commuter needs that have been essential even during quarantine.

In Alaska, commuter flights aren't a luxury – they are a necessity. Hsieh says that the people rely on flight deliveries of food, fuel, and other necessities.

Hsieh says that his FLOAT team is studying when the timing will be right to return to L.A. with a much larger and more robust infrastructure.

"With Ravn as a backbone, we will deploy much more effectively, safely, and efficiently, potentially with the capacity to look at multiple metro situations faster



than we would have otherwise," he says.

Not only was this a good business move, but it also satisfied another need for Hsieh: helping people.

"We wanted to take what we built with FLOAT and do some good in the context of the pandemic," he explained. "We realized we could serve a real need and do what we're designed to do, which is fly airplanes."

Doing Good, Drucker-style

Hsieh's desire to "do some good" stems from his study in Claremont with the late Peter Drucker, the father of modern management theory.

Drucker emphasized that businesses have to do more than make a profit: They must serve to uplift and contribute to a functioning society.

"Drucker taught me about the social responsibility of entrepreneurship and management," he said. "That's been a really significant influence in my life. I'm a follower of Drucker—I'm one of his acolytes."

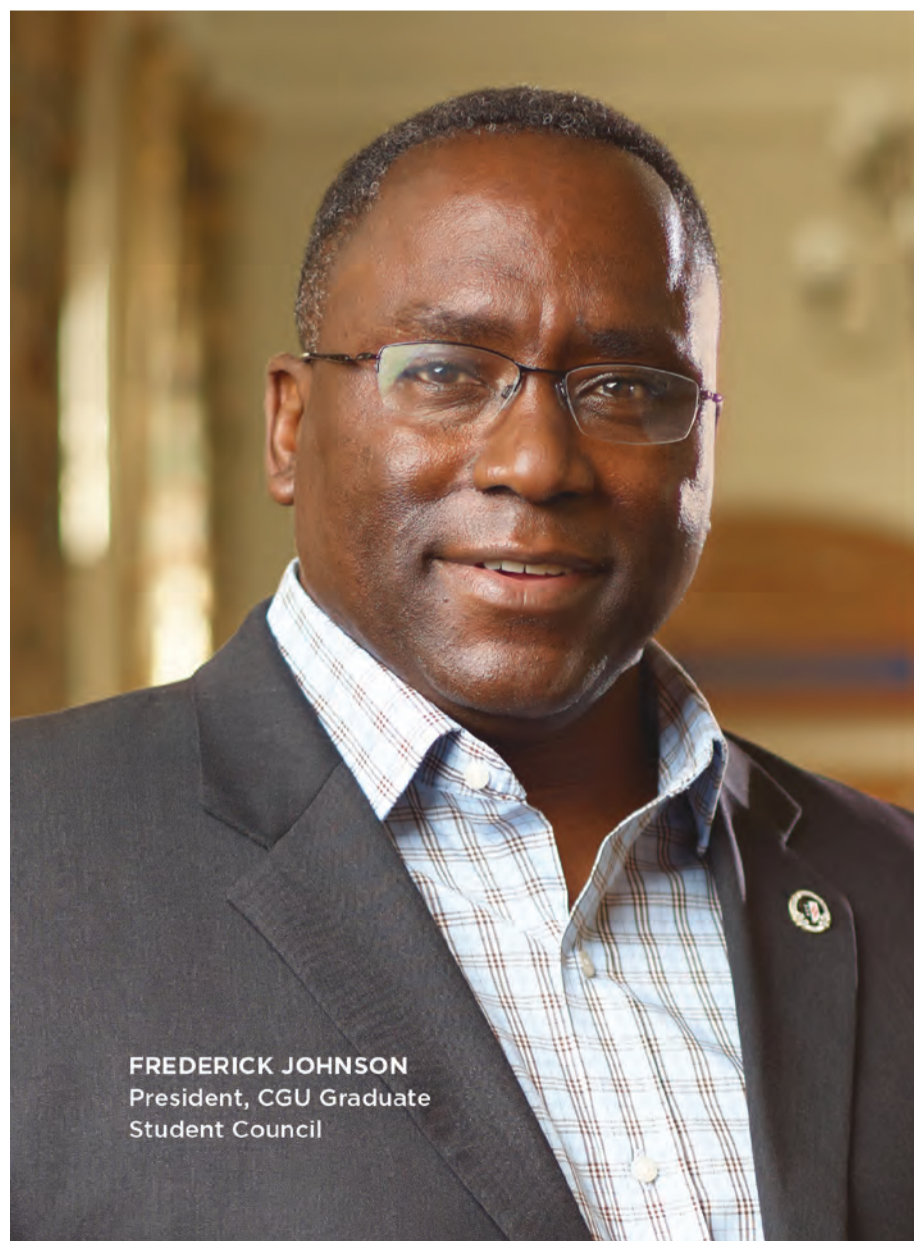


Building community and culture are key, Hsieh said, which is something Drucker also taught him. He cites a famous Drucker quote as a big inspiration.

"Drucker said, 'Culture eats strategy for breakfast.' Many people look at organizations and only see structures, but so much of it is cultural. If we can get people to shift perspective and have hope for change, that's huge. It generates more sustainable change than just a shift in policy or law. It creates a sense of momentum, empowerment, and positivity," Hsieh explains.

Interested in management training with extra dimensions? Learn more about "the Drucker difference" at CGU:

www.cgu.edu/school/drucker-school-of-management/



FREDERICK JOHNSON
President, CGU Graduate Student Council

Ignite: understanding

Seeking a Global Perspective


Frederick Johnson was immediately impressed with the diversity of his CGU classmates. "It couldn't have been a more widely diverse group of students. I loved it. It felt like I was sitting in the UN."

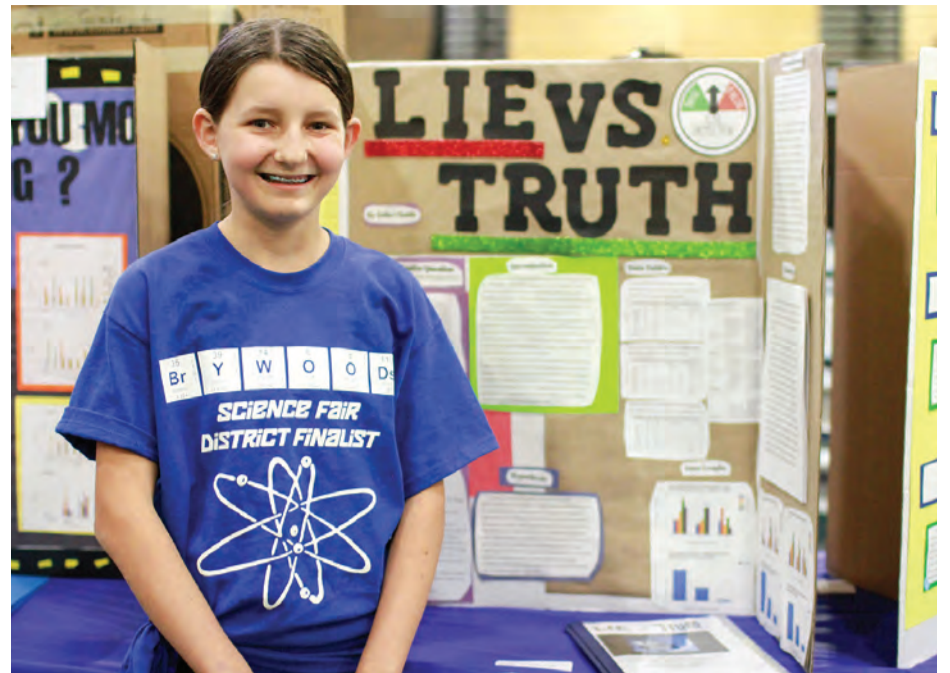
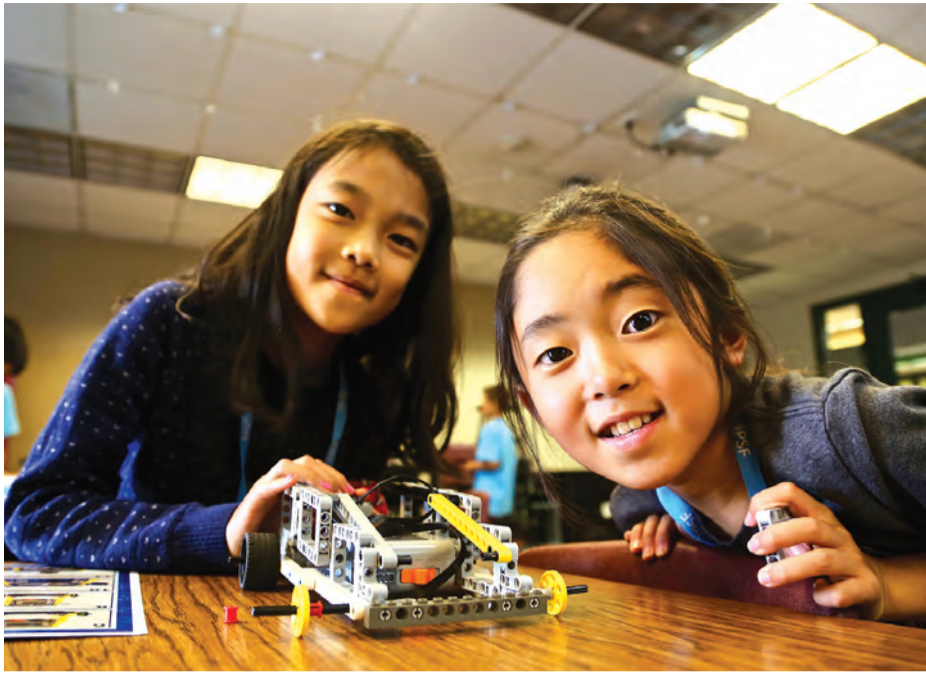
Frederick's experiences as an IT professional have taught him that too many in his field lack the global perspective necessary for today's job market. Frederick not only revels in CGU's academics, he's flourishing because of the university's diverse student population.

Ignite Understanding: Explore CGU.



To read more about Frederick and other CGU success stories, go to cgu.edu/ignite

 **Claremont Graduate University**
#carrytheflame



Developing the Next Generation of STEAM Professionals

Orange County is one of the most diverse and fastest growing technology sectors in the United States, creating a high demand for skilled and dynamic talent to support its growth. One local nonprofit has found a way to unite the academic and business communities to create opportunities for students to gain the skills, confidence, and determination needed to find success in today's competitive STEAM workforce.

For over two decades, Irvine Public Schools Foundation (IPSF) has been committed to providing enrichment opportunities for OC students throughout their academic journeys, preparing them for future careers.

Sparking Interest

Through IPSF afterschool and summer enrichment programs, students are able to explore their interests and discover new passions. With courses in coding, robotics, theater, and entrepreneurship, students apply what they learn during the school day in new ways, while also collaborating with students outside of their traditional classes.

Studies continue to prove that early exposure to music promotes collaboration and communication skills, creativity, self-expression, leadership, and overall improved academic performance. IPSF's support of K-3 music education, complemented by a wide array of extra-curricular visual and performing arts classes, provide opportunities to build confidence and inspire curious and creative young minds.

IPSF's mission is to provide high-quality educational enrichment to every child, offering scholarships for students with financial need to participate in a variety of STEAM courses. Support from corporate partners like Google Fiber helps close the digital divide and ensure that all students have access to these experiences that will help them continue to thrive well beyond their school years and into their futures.

Inspiring Innovation

Making schools centers of innovation can only be achieved if teachers have opportunities to bring creative learning techniques to life. In addition to over \$6 million in financial and program support to Irvine Unified each year, IPSF also awards \$200,000 directly to educators through its *Innovative Grants Program*. The purpose of this grant program is to support innovation in schools by awarding funds to launch new curriculum and improve students' educational experiences.

"In order to prepare students for the future, we must provide them with educational opportunities that give them hands-on experiences and skills that they can apply to real world applications," explains Neda Eaton, President & CEO of Irvine Public Schools Foundation. "We are proud to support educators who are passionate about elevating student learning far beyond standard academic curriculum."

Thanks to innovation grants funded by IPSF, Irvine students have learned how to create sustainable food sources with Aquaponics, solve cold cases through forensic science, and build nano-satellites that were

launched into space on NASA rockets. When you give students and teachers opportunities to collaborate, learn, and explore, the possibilities are limitless.

Connecting Education and Industry

Through robust partnerships, IPSF continues to explore new approaches to inspire interest in STEAM careers by collaborating with Irvine Unified on programs and events that bring together academic and corporate partners. The 21st Century Career Conference in Irvine allows middle school students to learn about career paths from some of OC's top companies including Google and Blizzard, while through a partnership with Broadcom Foundation, the Science Fair encourages curiosity and challenges participants to explore new approaches to existing issues. Opportunities for early exposure to real-world application of academic study has proven to be a successful formula for inspiring more interest in STEAM-related fields and majors.

"The fields of science, technology, engineering, and mathematics are collectively considered the core foundation of an advanced society and an indicator of a society's ability to sustain itself and prosper," says Paula Golden, President of Broadcom Foundation. "Through our partnership with Irvine Public Schools Foundation, we can empower young people to become STEAM-minded critical thinkers who are inspired to become scientists, engineers, and innovators that will lead our community into the future."

A Path Forward

The Career Technical Education (CTE) Pathways Program has gained momentum, attracting college-bound students pursuing STEAM majors, as well as their classmates looking for technical experience to secure high-demand, high-wage STEM careers right out of high school. Students learn the importance of design, build engineering skills, and practice teamwork skills that will be critical to their success in future careers. Working in teams, students design solutions to a variety of problems using industry standard equipment and software such as 3-D printers, CNC machines, and modeling software.

IPSF's support of the Engineering Pathway, in partnership with the Arnold and Mabel Beckman Foundation, helps ensure that students from five high schools in Orange County have access to the latest technology and equipment as well as industry certifications that would otherwise be out of reach.

Partners in Excellence

With so many academic challenges facing students today, it is more important than ever that they have access to enrichment opportunities that spark curiosity and provide a creative outlet. IPSF is proud to help create a growing number of collaborations with corporate and educational partners to enhance students' K-12 educational journeys so they are prepared to meet the challenges of today and of the future.

If you are interested in learning more about partnering with IPSF to provide students with leading-edge educational opportunities, please contact President and CEO, Neda Eaton, at neaton@ipsf.net. To learn more about Irvine Public Schools Foundation, visit www.ipsf.net.





WORLD-SIZED HEARTS

26 YEARS
EDUCATING FUTURE GLOBAL CITIZENS

13 RELIGIONS
REPRESENTED IN STUDENT BODY

26 COUNTRIES
REPRESENTED IN STUDENT BODY

12 ART TECHNIQUES
THROUGHOUT ALL GRADES

23 LANGUAGES
SPOKEN BY STUDENTS

675 STUDENTS
13 GRADE LEVELS

40 SPORTS TEAMS
FIELDED IN 11 SPORTS

6 EXPLORATORIES
SUBJECTS CONNECTED TO CORE SUBJECTS

3 FOREIGN LANGUAGES
TAUGHT AS CORE SUBJECTS

1,617 ALUMNI
MAKING A DIFFERENCE IN THE WORLD

20 MUSICAL INSTRUMENTS
PLAYED BY STUDENT BODY



WORLD-CLASS MINDS

St. Mary's safety and security protocols, flexible campus spaces, IB curriculum, extraordinary faculty and engaged community enable us to successfully adapt to the circumstances around us.

FOR MORE INFORMATION ON ST. MARY'S OR TO APPLY PLEASE VISIT WWW.SMAA.ORG



**ST. MARY'S
SCHOOL**

World-sized hearts. World-class minds.



Spectrum Center Schools & Programs: *Special Education Schools/Programs for Children with Autism and Behavioral Disabilities*

Spectrum Center has extensive experience teaching students ages 3-22 with an Individualized Education Program (IEP) the skills they need to reduce challenging behaviors and increase skills acquisition. Our instructional and behavioral practices establish a safe, trusting place for students, so district goals are met and students achieve their individual accomplishments. Students with autism, emotional/behavioral disabilities and other special needs become more independent through our focused individualized academic, behavioral, communication, therapeutic and transition services.

Our practices are founded on Applied Behavior Analysis (ABA) and practiced through our Positive Behavior Interventions and Supports (PBIS) framework. Spectrum Center team members are specifically trained in research-based instructional and behavioral methods designed to improve the academic and behavioral performance, communication, and independent functioning of students with IEPs in the least restrictive environment. In order to reduce challenging behaviors and increase skill acquisition and pro-social skills, we provide:

Intensive Academic Services

- Starts at the instructional level and maximizes progress through remediation,

differentiation, and acceleration.

- Motivates, reinforces, & practices to mastery.
- Measures progress regularly to inform instruction.
- Extends skills to the real world.



Therapeutic Services

The focus of our therapeutic services is to help students become engaged and active learners. We use the following practices:

- Positive Behavior Interventions & Supports (PBIS)
- SEL instruction
- Restoration practices
- Mindfulness
- Trauma Informed Practices
- Group and Individual Counseling Services

Behavioral Support Services

The chart illustrates our behavior support process that is based on principles of Applied Behavior Analysis (ABA). This is enhanced by our PBIS framework.

For more information on Spectrum Center Schools and Programs, please visit www.SpectrumSchools.com/OCBJ. To learn more about school district partnerships, please contact us by emailing BD@chancelight.com.





**We teach,
inspire
and prepare
students
to reach
their full
potential.**

Spectrum Center enables students with special needs to gain the skills for success in school and in life.

Over 120 California school districts partner with Spectrum Center to help students with special needs progress on the path to independence. Our research-based learning style meets students where they are. Then, through intensive support and differentiated instruction, we're able to maximize their success at achieving their educational goals. Additionally, our broad range of skill-building experiences encourages students to be active learners who are respectful and connected to others. Spectrum Center offers hope and a proven solution that changes the direction of children's lives.

Spectrum
Center
SCHOOLS AND PROGRAMS



Let's talk about how we can help your students with special needs succeed. Give us a call at (510) 741-5440.

SpectrumSchools.com/OCBJ

K-12 STEAM GUIDE - Directory



Name of School: Irvine Public Schools Foundation
Head of Organization: Neda Eaton
Address: 1 Post, Suite 250, Irvine, CA 92618
Website: www.ipsf.net
Grade Levels: K-12
Total Enrollment: 36,000
Application Deadline for 2021/22 School Year: ongoing
Type of School: Summer & After School
STEAM Mission: Our mission is to enrich the educational experience of each child in every school. We achieve this by providing programs, raising funds, and uniting the community in support of educational excellence.



Name of School: Spectrum Center Schools and Programs
Head of School: Kyle M. Farris
Address: 16360 San Pablo Ave., San Pablo, CA 94806
Website: www.spectrumschools.com
Grade Levels: TK-12+
Total Enrollment: 850
Student to Faculty Ratio: 3:1
Average Class Size: 12
Application Deadline for 2021/22 School Year: Accepting enrollment throughout the academic year
Type of School: Non-Public School (NPS)
STEAM Mission: Changing the direction of children's lives.



Name of School: Santa Margarita Catholic High School
Head of School: Andy Sulick, President
Address: 22062 Antonio Parkway, Rancho Santa Margarita, CA 92688
Website: www.smhs.org
Grade Levels: 9-12
Total Enrollment: 1,641
Student to Faculty Ratio: 15:1
Average Class Size: 22
Application Deadline for 2021/22 School Year: Rolling admission until waitlist is formed
Type of School: Co-ed private Catholic, International Baccalaureate World School
STREAM Mission: The program integrates science, technology, religion, engineering, arts and math, building bridges across disciplines while inspiring innovation and strengthening critical thinking skills for success in today's world.



Name of School: St. Mary's School
Head of School: Sharon Taylor
Address: 7 Pursuit, Aliso Viejo, CA 92656
Website: www.smaa.org
Grade Levels: Early Preschool through Grade 8
Total Enrollment: 675
Type of School: International Baccalaureate (IB)
STEAM Mission: World-sized hearts. World-class minds.

The 2021 Giving Guide

Reservation Deadline Approaching

Publication Date:

March 29, 2021

Space Reservations Due:

February 26, 2021

Resource Page Due:

March 5, 2021

Ad Materials Due:

March 15, 2021



The Orange County Business Journal's Giving Guide – published annually – features a wealth of information designed to help busy, philanthropic-minded executives choose the community partners and causes that best fit their initiatives.

Each full-page ad in the Giving Guide includes an in-depth Resource Page highlighting key information about your organization and its mission.

As a nonprofit, your participation places you in front of interested sponsors, donors, and other supporters, while also gaining exposure and overall awareness for your organization.

Reach these affluent and generous executives- your potential donors (average household income of \$748,000). Reserve your space today!

For more information, contact Amy Sfreddo at 949-664-5058 or sfreddo@ocbj.com.

Student-Centered Learning Inspires Innovation Preparing Students for College and Beyond

Santa Margarita Catholic High School's experiential, student-centered approach to learning promotes a culture of innovation that propels students to succeed in college and beyond.

With academic programs designed to meet varied learners' needs, classes are spent mastering material through dynamic group exercises, projects and engaging discussions. Santa Margarita is the only Catholic school in the county to offer the International Baccalaureate program, providing students the opportunity to earn a globally recognized diploma with a curriculum that develops internationally-minded, creative problem solvers.

The school's STREAM program combines science, technology, religion, engineering, arts and mathematics to bridge curriculum across disciplines. Through hands-on assignments, critical thinking skills are strengthened. Students have designed artificial limbs and engineered safety equipment, among other projects. Tailored pathways allow students to customize their experience based on their interests. Newsweek recently recognized SMCHS as one of the top high schools in the nation for excellence in STEM education, a designation only achieved by the top 3% of schools nationally.

For the seventh consecutive year, SMCHS was named a Microsoft Showcase School for successfully integrating tablet PC and cloud technology to deliver a more personalized, immersive education empowering students to unleash their full potential. As a global educational technology leader, SMCHS joins an elite community of approximately 325 schools worldwide and 39 in the nation recognized for innovation in teaching, learning and assessment.

Innovation extends beyond the classroom with numerous opportunities for students to gain "real-world" skills. Whether tinkering with emerging technology, exploring computer programming through the Coding Club, shoutcasting an e-sports match, broadcasting a sports game live, or utilizing theater as a means for self-discovery and societal transformation, God-given talents are developed in a nurturing environment.

The school's award-winning robotics team functions as a startup with students learning CAD modeling, welding, marketing and project management. Students design, build and program competition-ready robots. The program has qualified for the world championships three times and earned top honors in the county. Students



have also used their skills to improve the lives of children with limited mobility through the national GoBabyGo! program. Through Santa Margarita's robotics program, students are mentored by industry professionals.

Santa Margarita's Eagles Edge program also provides students with access to industry experts through internships, job opportunities, and hands-on workshops that help establish a foundation for future success. In the arts, a master artist series exposes students to working professionals across the arts spectrum.

With eleven full-time counselors, a college relations director forging strong partnerships with universities, and college planning tools to assist families with making informed decisions – students are accepted into universities worldwide with the majority of students earning scholarships.



For more information on Santa Margarita Catholic High School, visit www.smhs.org or call 949-766-6096.

SANTA MARGARITA CATHOLIC HIGH SCHOOL



#1

Ranked No. 1 Catholic coed high school in Southern California for STEM education (Newsweek)

A+ overall grade (Niche.com)



\$33 million

combined merit and athletic scholarship offers (Class of 2020)

110

 higher-level courses

15:1

With a 15:1 student to teacher ratio SMCHS students enjoy smaller class sizes

11

Full-time Counselors

