

# EDUCATION

## *& Training*

K-12 STEM,  
INNOVATION  
& ARTS  
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CUSTOM CONTENT • February 5, 2018

*Presented by*



**UCI Paul Merage**  
**School of Business**  
Leadership for a Digitally Driven World™

 **CONCORDIA**  
UNIVERSITY IRVINE  
SCHOOL OF BUSINESS

 **STANBRIDGE**  
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## ***TITANS REACH HIGHER***









## University of La Verne Enactus Students Extend Helping Hand

Benjamin Alickovic's family came to the United States from Bosnia in 1996 when he was a year old, bringing little money with them. His father taught English to fellow Bosnians and his mother took care of their children. Despite having few resources, they scraped by and even found ways to help others.

That experience drove the University of La Verne alumnus when he and his classmates traveled across the U.S.-Mexico border this year to help a woman start a catering business so she could provide for her family. Alickovic, who received a bachelor's degree in business administration in May, was part of the university's Enactus program, an international nonprofit organization dedicated to inspiring students to change the world through entrepreneurial action.

"Many people see business as a very cutthroat corporate world, but I see it as the best chance to extend my helping hand," Alickovic said.

At University La Verne, students in both undergraduate and graduate programs are immersed in the fundamentals of business and entrepreneurship, but they also learn about the importance of giving back to community. Those lessons are introduced in the classroom and then brought to life through co-curricular programs such as the Enactus team. This past academic year, the university's 40 Enactus students – primarily business majors – tackled problems such as childhood obesity, unemployment and poverty.

Those efforts earned members of the University of La Verne's 2016-17 Enactus team their ninth consecutive win at the regional competition this spring and a second place finish within their league at the nationals in Missouri. The university was one of 96 colleges competing nationally.

"I'm very proud of them. They worked hard and we competed hard," said Dr. Issam Ghazzawi, professor of management and Enactus adviser. "I am very happy with the impact that we've created with our community."



### University of La Verne

Led by the Enactus team, university of La Verne students donated clothing to help college graduates in the Philippines get jobs. Students planted vegetables at an elementary school and taught nearly 600 children there how to make healthier eating choices. And the team's work yielded a cleaner Orange County coastline, with students collecting used fishing line and converting it into nets for fishermen in the Philippines.

Jessica Faber, a senior business administration major, applied her classroom knowledge of management, leadership and teamwork to the Clothing for Dignity and Success project, which generated 9,000 pieces of clothing, 700 books and 300 success skills manuals for Filipino college graduates. She led a

team of about 15 students, placing collection bins around the city and campus, gathering the clothing once the drive was complete, and then sorting the clothing for shipping.

Faber said the project's community engagement component – working with partners such as the Rotary Club, Hillcrest Homes and La Verne Waste Management – was one of the most rewarding aspects of Enactus.

"It was amazing to see the La Verne community come together for this and it feels great that I really helped out," Faber said.

Alickovic and Faber are among the eight students who received job and internship offers at the Enactus national championships. Alickovic accepted a job in client services for the human resources software company, ADP, and Faber worked a 10-week paid summer internship at Orchard Supply Hardware. Students also received offers for management, business development and sales positions at Sam's Club, PepsiCo and Walmart.

*University of La Verne's Irvine Campus is located at 2855 Michelle Drive, Suite 250. To request information or RSVP for the next information session, call 714-505-6936.*

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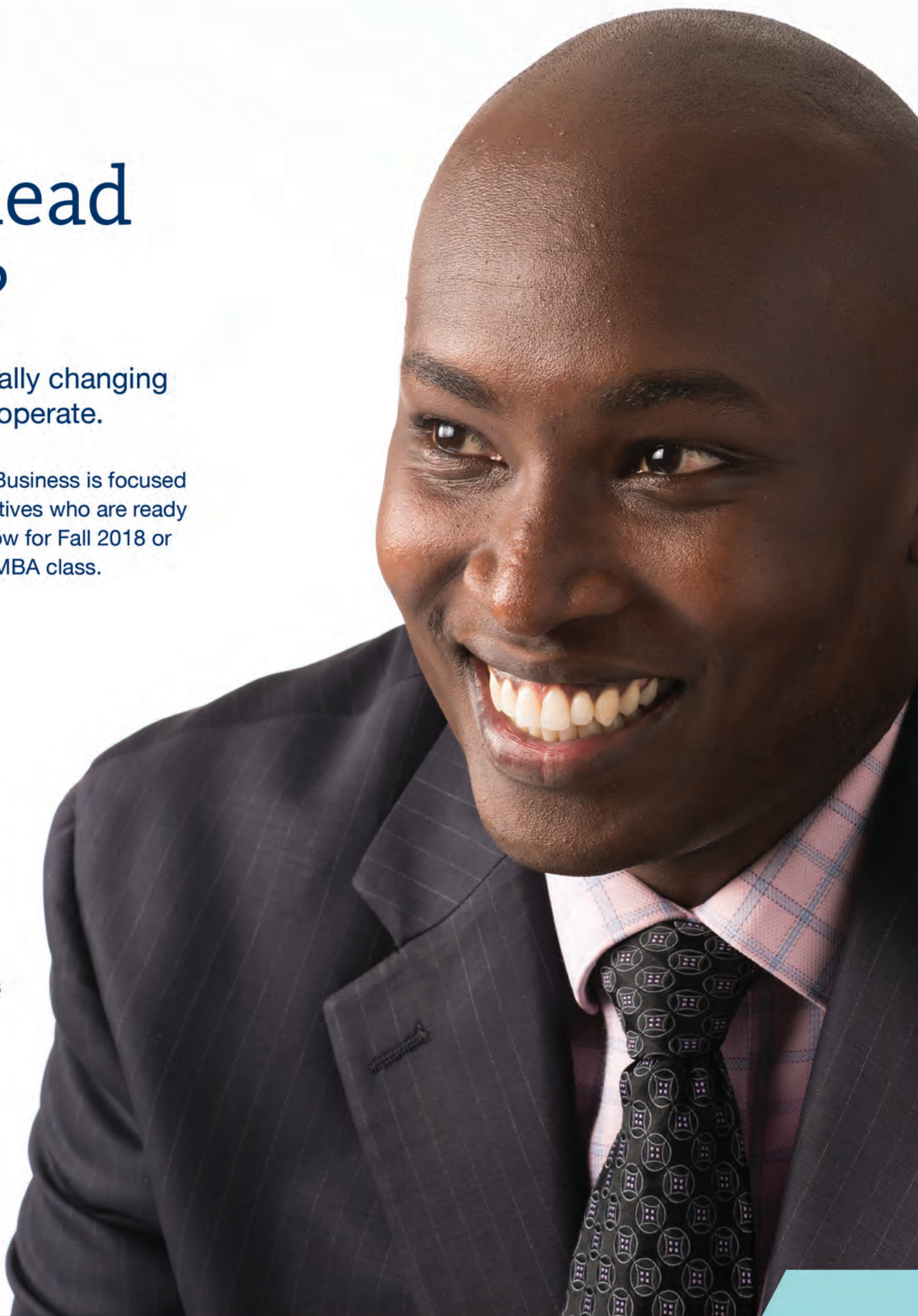


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## Concordia University Irvine School of Business Alum Is Putting His Degree to Work Organically

Concordia University Irvine School of Business graduate Paul Greive '07 was working a desk job when he decided to make a change. Seeking a lifestyle with greater meaning and quality, he and his family began raising pasture-fed chickens for local consumption. In just five years, Greive's family farm, Primal Pastures, has ballooned to \$1,500,000 in annual sales.

Greive, who was a business major at Concordia University Irvine as well as a gifted athlete, took full advantage of Concordia's liberal arts community and was "super involved on campus." "I loved the small classes, the small vibe," he says. "Compared to my friends at big public schools, I had 10 times as many friends. I loved every minute of Concordia and thought it was the best place ever."

He came to play baseball but burned out on the sport and was recruited instead to throw the javelin.

"Track was amazing because the team was super diverse," he says. "I had roommates from all over the world: Africa, Mexico, Asia. It was a really cool group of people. Coach Blutreich will forever be the ultimate mentor to a college kid. He shared his faith in a way that was so unique and compelling to a college athlete. He was a big part of my life in college. I still want to be like him."

And when a national race-walking coach visited campus and urged him to pursue the sport, he did just that. Five weeks later, Greive had qualified for nationals and earned sixth place at championships, making him an All-American race-walker and javelin hurler. Greive also helped found the Chinese language club and became a member of the handbell choir.

After graduation and a four-year career in the Marine Corps as an intelligence officer, Greive returned to civilian work, earned his CPA license, and landed a job with a good accounting firm. But, "I wasn't passionate about what I was doing," he says. "I always knew I wanted to do entrepreneurship."

After raising a batch of 50 chickens and selling them on Facebook, Greive and his family members realized they had a viable business. Greive began plowing money into the operation before and after work. They soon won a \$15,000



Greive



entrepreneurial award from UCLA, which made it realistic to try farming full-time. "It's not all fun and games," Greive says, recalling how difficult it was to leave a regular salary. A major boost came from a 2013 Kickstarter campaign that caught national attention and was featured on MSNBC, L.A. Weekly and AOL.com. Dubbed the "Let's build a farm together" campaign, it raised \$60,000.

And Primal Pastures was born. It sells pasture-raised chicken, lamb, pork, beef, turkey, eggs and raw honey directly to consumers. It is one of just a handful of farms in the area that raises animals for consumption in a rotational grazing method, allowing the animals to eat and live close to nature. Primal Pastures now has 6,000 customers, with sales to almost every state west of the Mississippi River.

Greive, who earned his MBA at UCLA, has now expanded the rotational grazing ethic of Primal Pastures to a national scale. His idea, called Pasturebird, involves a proprietary technique to graze chickens in much greater numbers on grass, eating bugs and worms. Its mission is to provide wholesale pastured poultry to restaurants and grocery stores.

"If we want to change the world, we need to bring prices down close to what they sell for in the store," he says. "Pasturebird scales the idea way up, producing pasture poultry close to a conventional price using methods that are healthy for the land, the animal and the consumer."

The Pasturebird idea won \$25,000 from the American Farm Bureau, and more than \$30,000 in a separate award. Pasturebird is now largest pastured poultry operation in the country. Its client list includes the LA Lakers, LA Dodgers, celebrity chefs Wolfgang Puck and Curtis Stone, and some of the best restaurants and butcher shops in the nation.

Greive says he is grateful "to rely on my passion for what I do for a living. The ultimate blessing is waking up every morning knowing I'm making a difference and getting chicken out of the factory farms and outside into pasture. With this venture I feel like I'm having an impact on things that matter."

To read more about Paul Greive and the Concordia University Irvine School of Business, please visit [www.cui.edu/business](http://www.cui.edu/business).



A man with short brown hair and a light beard, wearing a light blue button-down shirt, stands with his arms crossed. He is smiling slightly and looking towards the camera. The background is a blurred outdoor setting with green foliage and a red structure, possibly part of a vehicle or farm equipment.

# Concordia business grads aren't afraid *to roll up their sleeves.*

## Paul Greive '07

Farming Entrepreneur: Co-Founder, Primal Pastures  
U.S. Marine Corps: Intelligence Officer, Iraq Veteran  
Concordia School of Business Graduate

Go to [www.cui.edu/paul](http://www.cui.edu/paul) to see Paul's story.

Prepare yourself for a career path in any field, even an actual pasture, with a business degree from the Concordia University Irvine School of Business. Our students learn what it takes to grow a business from scratch. Concordia offers a flexible, practical curriculum taught by experienced instructors who are eager to mentor emerging business talent.

Our School of Business includes degree programs in Accounting, Data Analytics, Economics, Finance, International Business, Management, Marketing, Sport Management, and an MBA. For more information, visit [www.cui.edu/business](http://www.cui.edu/business).



Visit [cui.edu/business](http://cui.edu/business) to learn more.

*Concordia University Irvine School of Business is IACBE Accredited.*



**CONCORDIA**  
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**SCHOOL OF BUSINESS**





Students helping children with disabilities experience surfing with Life Rolls On in Huntington Beach.

## Stanbridge University Leading with New Paradigms of Service

With a record number of 27 California Campus Compact Fellowships received, Stanbridge University has broken the previous record of 4 fellowships held by a single university in a two-year period in California.

Further distinguished by seven consecutive years of being named to the President's Higher Education Community Service Honor Roll, Stanbridge is molding graduates to lead positive change in their chosen healthcare profession with empathy.

The award-winning REACH Beyond the Classroom™ Service Initiative ensures that students participate in a pyramid of service throughout their education. At the foundation, students participate in mandatory community service events throughout their program. Students subsequently ascend to the second tier of the pyramid through service learning courses with reflection assignments leading to the apex of the pyramid where signature fellowship opportunities await.

By integrating this pyramid into the fabric of its educational programs, Stanbridge University is seeking to shape a generation of socially conscious healthcare leaders to meet the needs of our society.

### Stanbridge University student contributions include:

- Working with the Wounded American Veterans Experience Scuba (WAVES) Project to bring therapeutic scuba diving for wounded combat veterans to Orange County
- Providing 94% of staffing for Life College, California's only youth transition program for young adults in the autism spectrum
- Assisting patients at the High Hopes Traumatic Brain Injury Program in Tustin
- Aiding the Orange County Zoo by creating Exotic Animal Care Sheets
- Helping Saddleback Memorial Hospital with Magnet Status Application
- Helping rear endangered wild wolf cubs through Project Wildsong
- Working with Illumination Foundation to create gardening clubs and diabetic foot care centers for the homeless
- Working with Life Rolls On to implement a needs assessment program and help children with disabilities catch waves with adaptive surfboards
- Assisting the Free Pantry distribute over 840,000 lbs. of fresh produce to those in need in Orange County
- Serving over 21,000 meals to the hungry at Lighthouse Church in Costa Mesa



Students assisting traumatic brain injury patients at High Hopes in Tustin.



Students aiding in a 4 year project to restore the Newport Beach Back Bay.



Students volunteering with Project Wildsong to rear endangered wild wolf cubs in Los Padres National Forest.

To learn more visit [stanbridge.edu](http://stanbridge.edu)





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# UCI Paul Merage School of Business

Leadership for a Digitally Driven World™

## The Status Quo Is Not an Option

Going digital is drastically changing how companies operate and grow. Will you be able to keep up? Even more importantly, will you be prepared to lead the way?

UC Irvine's Paul Merage School of Business top-ranked part-time and executive MBA programs offer a personalized educational experience to help students develop the tools and leadership skills to think creatively and strategically about the challenges and opportunities created by digital technologies, and successfully navigate the evolving business landscape.

### Leadership for a digitally driven world

Are you ready to take the next step but don't think you have the time? The **Fully Employed MBA, Executive MBA and Health Care Executive MBA** programs are designed for mid to senior level professionals, executives and entrepreneurs pursuing an advanced career path who want to develop agility, learn to anticipate challenges and strategic opportunities and lead transformation in the global business environment. The programs are delivered in a flexible format that supplements in-class learning with state-of-the-art online learning.



**Executive MBA** students benefit from an integrated leadership approach focused on enhancing executive leadership skills and organizational impact, connecting with a high caliber network, leveraging executive career management resources and engaging in unique experiential learning opportunities on-campus and around the world.

The only program of its kind on the west coast, the **Health Care Executive MBA** delivers many of the same benefits as the Executive MBA but with a specialized curriculum focusing more than 50% of the program on driving change in the healthcare industry. A unique Federal Public Policy Residential experience in Washington D.C., one of three experiential residencies included in the program, offers exclusive access to healthcare and policy decision makers. In addition, the program offers many opportunities to engage with a healthcare centered business community.

The **Fully Employed MBA** program is designed for early to mid-career working professionals and managers who want to continue their education while maintaining their career momentum. The Fully Employed MBA allows students the flexibility to customize the program around their career objectives and graduate in as few as 24 months. Students also take advantage of international experiential learning opportunities and an executive leadership residential that make the Merage School program unique. Classes are offered on-campus and in a hybrid format that combines the best in online learning with four on-campus experiences per quarter.

### Dare to define your future in the heart of the tech coast

With a compelling new curriculum and seven Centers of Excellence, the Merage School is poised to play a unique leadership role in educating generations of

business leaders. In this age of disruptive technology, we all need to look at how we can not only keep up, but stay ahead. The Merage School – which combines the academic strengths and best traditions of the University of California with the cutting edge entrepreneurial spirit of Orange County – is the answer.

### Immerse Yourself in the Emerging Ecosystem of Orange County's Tech Firms

The Merage School leverages the network of innovative businesses located in and around Orange County to provide experiential learning opportunities and draws on executives from these firms to guide and mentor our students. What better environment to advance your career and pivot into a new field?

Students can also take advantage of UCI Applied Innovation, which brings campus-based inventions and entrepreneurship together with Orange County's vibrant business community to support job creation and economic growth.

### Count on a commitment to unparalleled educational quality

"We have made a commitment to our students to provide the highest quality education possible," said Eric R. Spangenberg, dean of the Merage School. "Our faculty, students, staff and the business community give us invaluable feedback on how we can continue to improve our curriculum and resources to better meet the demands of our students and the employers that hire them. We listen closely and implement many suggestions. This open dialogue provides tremendous value to our School, our students and the business community."



### UC Irvine Paul Merage School of Business MBA programs by the Numbers

The Merage School is one of the top 30 business schools in the U.S. and in the top 50 worldwide, according to a 2017 *Financial Times* ranking that places the school among the top 5% of all programs accredited by the Association to Advance Collegiate Schools of Business in the U.S.

### Top rankings, ROI and accolades you can rely on:

- ▶ No. 13 Full-Time MBA in the U.S. among public universities, No. 30 in the U.S. overall, and No. 1 globally for percentage of women faculty (*Financial Times*, 2017)
- ▶ No. 9 in the World for Placement Success (*Financial Times*, 2017)
- ▶ No. 36 among Part-Time MBA programs in the U.S. (*U.S. News & World Report*, 2017)
- ▶ Top 30 among Executive MBA programs in the world (Ivy Exec 2017)
- ▶ Health Care Executive MBA - Only program of its kind on the West Coast

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## K-12 STEM, INNOVATION &amp; ARTS



## St. Margaret's Episcopal School – Academic Excellence, Innovation and Purpose

St. Margaret's Episcopal School is Orange County's premier, independent school, educating 1,234 students, preschool – grade 12, not only as college-bound graduates, but also as productive, healthy and happy children today and successful adults tomorrow.

St. Margaret's remains unrivaled as a leading academic institution where people, character and values stand at the center of its mission side by side with scholarly pursuit and academic excellence. The curriculum is strong and balanced, engaging and challenging students from the youngest age to discover and cultivate their unique talents and passions, to pursue their studies at the highest levels and to always seek new growth and learning.

### Culture of Innovation

A culture of innovation is alive among faculty and students, fueled by a visionary new values-based Strategic Plan that puts students at the center of bold goals and priorities through the design thinking methodology. St. Margaret's continually looks ahead to advance and reimagine academic programs, forge community and university partnerships, and invest in new technologies and world-class, modern learning environments for today's students. St. Margaret's is leading and innovating in the areas of STEM education, interdisciplinary studies, experiential education, entrepreneurship, service learning, student health and wellness and cultural competency education.



St. Margaret's college-preparatory curriculum offers a breadth of student choice through honors and challenging elective courses, including 28 Advanced Placement courses and unique offerings in engineering, entrepreneurship studies, financial markets, marine science, multivariable calculus, life science research methods, robotics, software engineering and virtual reality programming.

### Renowned Faculty

St. Margaret's outstanding faculty of more than 125 strong, are renowned for their expertise, passion for education and their care and support of their students. More than 60 percent hold advanced degrees and nine with doctoral degrees. Subject matter specialists oversee 10 academic departments, and an endowed fellow oversees interdisciplinary STEM curriculum across the school. Teachers, advisors, three college counselors, chaplains and coaches provide a solid framework of guidance and support. Through small class sizes, every student is known and nurtured.

### Opportunities for Exploration

Breadth of programs and opportunities abound for students in preschool through high school. Arts, athletics, experiential learning, retreats and outdoor education, service and leadership programs support student exploration of interests and personal growth.



From gross motor development in Preschool to 24 CIF varsity sports, physical education emphasizes active and healthy living, integrity, teamwork, respect and spirited competition. Tartan Athletics has achieved 29 CIF-SS Championships, and nine State Championships.

Celebration and study of the arts are equally integral to the development of every student. The 45,000 square-foot Performing Arts Center and new 6,000-square-foot Visual Arts Center, opened August 2017, support a vibrant arts curriculum in theater, dance, orchestra, band, choir and visual and media arts challenging students to be creative thinkers, problem solvers and to find their unique voice. Students mount more than 20 performing arts productions each year and six gallery exhibitions of their work.

### College-Bound

More than 140 colleges and universities visit St. Margaret's each year to recruit its students. All graduates of the Class of 2017 are prepared and matriculated to colleges and universities across the nation and beyond, including California Institute of Technology, University of California, Berkeley, University of California, Los Angeles, University of Chicago, Dartmouth College, Emory University, Harvard University, New York University, Northwestern University, University of Notre Dame, Princeton University, Stanford University, The University of Edinburgh and United States Military Academy West Point.

### Transformative Tartan Experience

St. Margaret's Tartans are known for their character, poise and integrity. An inclusive, loving community rooted in shared values and an Episcopal identity is the foundation of student intellectual and spiritual growth. Dedicated adults and motivated peers surround students and foster a deep sense of personal belonging, health and happiness, instill a strong moral compass and inspire responsibility, leadership and service to the world around them. Unique programs in service learning, advisory, cultural competency skills development, support the transformative St. Margaret's student experience.



Founded in 1979, St. Margaret's is guided by its mission to educate the hearts and minds of young people for lives of learning, leadership and service.

### St. Margaret's Episcopal School

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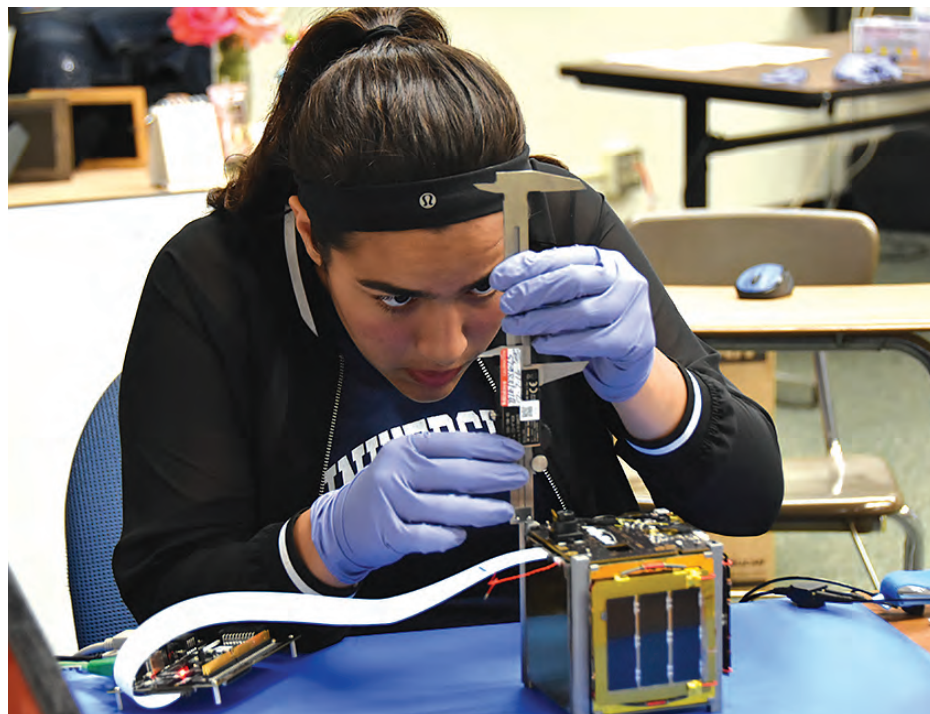
A culture of innovation is alive at St. Margaret's. Our expert, dedicated faculty are energized and advancing education to create the most engaging and rewarding learning environments for today's students. Leading programs include an endowed STEM Fellow, virtual reality, engineering, interdisciplinary studies, readers/writers project, experiential learning, outdoor classroom and state-of-the-art design and fabrication labs. The future is today at St. Margaret's every day, and we are paving challenging and exciting paths for our students to nurture their interests and full potential.

*Imagine the lifelong impact of what our everyday would mean for your child.*





## K-12 STEM, INNOVATION &amp; ARTS



## Inspiring the Next Generation of Innovators

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 their 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 STEM workforce.

Two years ago, the Irvine CubeSat STEM Program started as a collaboration between Irvine Public Schools Foundation (IPSF), and Irvine Unified and Tustin Unified school districts as a way to attract and retain students, teachers and faculty in STEM disciplines, as well as strengthen Orange County's future workforce. The goal was to change the way students experience STEM education and inspire the next generation of innovative thinkers, makers, programmers and explorers. What has evolved has been truly groundbreaking, giving high school students a once in a lifetime opportunity to plan, build, and test a miniature satellite that will be launched into space, and then analyze data sent back to earth from orbit.

"My background is in aerospace engineering, and when I first heard about this project, I wondered, 'can high school kids really build a satellite?'" said Irvine High School teacher and CubeSat mentor, Archana Jain. "But they've gone above and beyond my expectations. They've shown me that they're not afraid of taking that risk. They dove in and figured it out themselves – there is no manual for this, and it's not a kit."

The program's first satellite, Irvine01, is completed and currently awaiting launch from India in March 2018 and has a chance to become one of the first successful high school-led missions of its kind in the entire United States. Even before the official launch of IRVINE01, the Irvine CubeSat program has been recognized by NASA as a program to watch.

IRVINE02, Irvine CubeSat's second CubeSat mission, is one of 34 small satellites nationwide selected by NASA to participate in their CubeSat Launch Initiative and fly on a fall 2018 launch. Irvine CubeSat is one of only two high schools chosen by NASA to participate in this prestigious program, alongside renowned universities and research centers. IRVINE02 will fly an electric propulsion system that will allow students to acquire technical skills in tracking and communicating with the satellite.

"It is a huge honor for Irvine CubeSat to be recognized and selected by NASA to participate in a future launch," said Neda Eaton, president and CEO of IPSF. "This unbelievable opportunity validates the hard work and dedication of the students, teachers, and all of the partners involved. The Irvine CubeSat STEM Program is a

true testament to what can be accomplished through the collaboration of industry experts, corporate partners, and public education. These students are setting an example for young people around the world that anything is possible, and we are excited to be part of making their dreams become a reality."

The Irvine CubeSat STEM Program is made possible through dynamic partnerships between private funding and public education, facilitated by IPSF. Corporate sponsors including FivePoint, Ingersoll-Rand/Trane, Cisco, Resilient, Google, the Arnold and Mabel Beckman Foundation, and Microsemi have made



the program a true collaboration, and an inspiring example of what can be accomplished when communities come together in support of public education.

The students engaged in this program are learning much more than just how to build a satellite, they are gaining experience on how to collaborate, communicate, and present their ideas to not only their peers, but industry professionals and mentors from NASA/JPL, CalPoly SLO, Ecuadorian Space Agency (EXA), Accion Systems, and Tyvak Nano-Satellite Systems. The value of this experience will take students far beyond their classrooms and into their future careers.

"It has been enlightening for me to sit back and watch the students take the lead on this project," says Mrs. Jain. "We always talk about how few students are going into STEM careers, and ask ourselves how we'll get them interested in STEM. I think the answer is to expose them early on. I hope through this project many of my students go on to careers in STEM – the industry all around the world needs them."

*If you are interested in getting your company involved with the Irvine CubeSat STEM Program, please contact Katie Holmes at [kholmes@ipsf.net](mailto:kholmes@ipsf.net). To learn more about Irvine Public Schools Foundation, visit our website at [www.ipsf.net](http://www.ipsf.net).*



## K-12 STEM, INNOVATION &amp; ARTS

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

From building robots that compete internationally to fluidly exchanging ideas and information in shared digital workspaces – Santa Margarita Catholic High School's experiential, student-centered approach to learning promotes a culture of innovation and propels students to succeed in college and beyond.

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

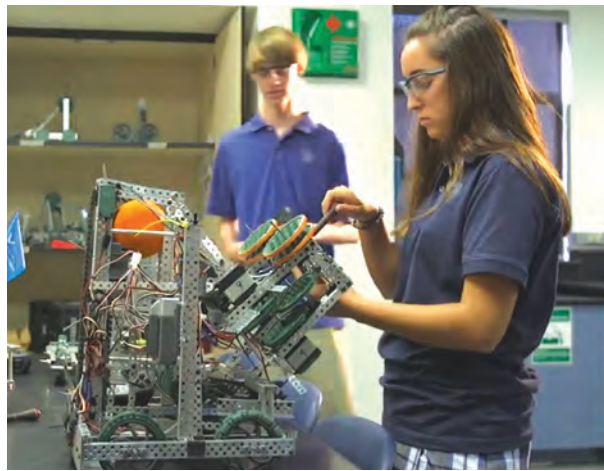
The school's STREAM program combines science, technology, religion, engineering, arts and mathematics to bridge a better understanding of curriculum across disciplines. Through hands-on assignments, critical thinking skills are strengthened. Students have designed artificial limbs and engineered safety equipment among other projects.

Recently, the school was recognized as a global leader in educational technology. For the fourth consecutive year, SMCHS was named a Microsoft Showcase School for successfully integrating tablet PC and cloud technology to deliver a more personalized education preparing students for success in college and the workplace. Santa Margarita is the only school in the county to receive this honor, just one of two in the state and one of 29 in the nation. Students use digital ink to take and file notes in electronic notebooks, virtually collaborate with students and teachers and can quickly access electronic books and class material through their tablets.

Innovation extends beyond the classroom with numerous opportunities for students to gain "real-world" skills. Whether it be tinkering around with emerging technology in the Borchard Library Media Center's "makerspace," exploring computer programming through the Coding Club; broadcasting a sports game live on Eagle TV 2.0 or utilizing theater as a means for self-discovery and societal transformation, God-given talents are developed in a nurturing Christ-centered environment.

Santa Margarita's director of robotics, Jason Lawrence, was recently recognized as one of "Parenting OC" magazine's top 25 teachers in the county. Founded in 2014, the school's robotics team competes internationally. Lawrence guides students in a broad range of areas including engineering, business, marketing, teamwork, problem solving and budgeting. In 2016, the team earned a trip to the world championships where they finished as the second ranked rookie team in their division. Through the program, students are mentored by professionals from companies such as Applied Medical and Boeing.

Santa Margarita's Eagles Edge program also provides students with access to industry experts through internship and



job opportunities as well as 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 nine full-time counselors dedicated to working with families on the college admissions process, a college relations director forging strong partnerships with universities across the nation, and college planning tools to assist families with making informed decisions – students are accepted into the world's leading universities with the majority of students earning scholarships.

For more information on Santa Margarita Catholic High School, visit [www.smhs.org](http://www.smhs.org).

## CLASS OF 2017:

# 396

Members of the class of 2017

# \$42.1

Million in scholarship offers

# 100%

Acceptance rate at 230 schools

# 100%

Performed community service

# 2,267

College acceptances



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A Diocese of Orange School • An International Baccalaureate World School

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[www.smhs.org/admissions](http://www.smhs.org/admissions)



## K-12 STEM, INNOVATION &amp; ARTS



## Together We Are Changing California's Future

**More than 2 million K-12 students in California** are not proficient in math or English. A third of all California students, these kids are struggling to keep up with their peers. Without additional support, they will fall further behind and their dreams for a better future will become even more difficult to achieve.

This is where Think Together comes in. We partner with schools across California to provide over 150,000 students with access to high-quality educational opportunities during and outside the school day. Our programs give kids critical academic support and life skills that propel them to excel in school.

Ken, a middle school student, dreams of becoming a computer programmer. Before Think Together, he had trouble with completing his homework. But with our support, Ken says he now feels confident about school. We partner with schools to help students, like Ken, make their dreams a reality.

Kids are not the only ones needing additional help. Eight out of ten California school districts are not adequately preparing their students to meet the state's learning standards in Math. Six out of ten fail to do so in English. Think Together also empowers adults, from the boardroom to the classroom, with the tools and strategies to accelerate learning for all students.

Our programs are possible because of generous philanthropic support. Together we are changing the odds for millions of California's students by ensuring they have an opportunity to realize their potential, excel in school, and beat the odds.

**WE INVITE YOU TO LEARN MORE ABOUT OUR WORK AND BECOME AN ODDS-CHANGER AT [THINKTOGETHER.ORG/OCBJ](http://thinktogether.org/ocbj).**



Ken, a middle school student, dreams of becoming a computer programmer



Donald R. and Joan F. Beall  
**Center for Art + Technology**  
University of California, Irvine

# STEAM SUMMER CAMPS



**EXPRESSIVE ROBOTICS**  
AGES 13-19

**CODING + DESIGN**  
AGES 8-12

**BEALLCENTER.UCI.EDU**  
**949-824-6206**



Donald R. and Joan F. Beall  
**Center for Art + Technology**  
University of California, Irvine

## S.T.E.A.M. Summer Camps

Unleash the power of S.T.E.A.M. this summer with the Beall Center for Art + Technology at UC Irvine! Developed for K-12 kids, the Beall Center's Summer Academies offer a fun and unique opportunity to learn from current UCI students and professional guest speakers. Past speakers have included representatives from Disney Imagineering, Boeing and IBM.



### Coding + Design (Ages 8-12)

Use art and technology to create animation, video games and digital designs! Campers will create projects using a variety of techniques, including sketching, painting, and clay modeling, and then represent their work digitally by using the MIT-based Scratch visual coding program and other online platforms.

### Expressive Robotics (Ages 13-19)

Build a robotic structure that moves expressively! Use our on-site Maker Space, Mobile 3D Print Lab and Arduino Portal as you work with a teammate to create an awesome 'bot. Campers will debut their inventions at our Open House showcase on the last day of camp!

No prior experience is required; course content is adjusted to the experience level of each camper. Camps do not provide overnight lodging.

**OCBJ readers receive 10% off by using the code "OCBJ2018" at check-out!**  
Visit us online for pricing and session dates:  
[beallcenter.uci.edu/steam-summer-camps](http://beallcenter.uci.edu/steam-summer-camps)



## K-12 STEM, INNOVATION &amp; ARTS

## Heart of a Lion. Strength of a Lion. Soul of a Lion.

Founded in 2003, JSerra Catholic High School is a co-ed, independent Catholic high school offering young minds abundant opportunities to explore unique interests, develop knowledge and talents, and prepare for the rigors of college. We work in partnership with parents to form the faith, intellect, and character of all our students. At JSerra, there is something for everyone!

### Academics

As a college preparatory institution, JSerra's academic program is rigorous and demands high standards. Students are expected to think critically in all of their classes, and extensive writing and reading assignments are integral to much of the curriculum. Our faculty has developed a curricular program that attempts to foster a love for inquiry and knowledge, ultimately nurturing a lifelong desire to learn.

### Professional Magnet Programs

JSerra has five acclaimed professional Magnet Programs in medicine, engineering, business, law, and the arts. These Magnet Programs give students a unique connection to potential career paths — from internships with local businesses to clinical knowledge provided by working professionals in a hospital setting.

### Athletics

With 23 CIF teams, seven club sports, a wide variety of high school and youth camps, and a state-of-the-art 30-acre athletic campus, JSerra focuses on building character and community in our competitive athletic programs. We are a part of the Trinity League, which is known for being one of the most competitive high school conferences in the country.

### The Arts

Both visual and performing arts are also well-represented on campus — from an



innovative broadcast journalism program and multiple student-produced theatrical productions to an after-school rock band and award-winning choirs. We encourage students to explore their creative sides by providing them with ample opportunities to participate — whether it's in front of or behind a camera, canvas, or curtain!

### Lion Life

Our campus is always busy with school-sponsored activities and grade-specific retreats. We have several school dances each year, multiple pep rallies, energetic lunchtime activities, and more. JSerra is not only an academically rigorous and Christ-centered community but it is also a fun one that honors year-round traditions.

Our sense of family allows students and their parents to build strong and lasting bonds with fellow classmates and families, teachers, administrators, and the greater community. It is a supportive environment that cultivates a vision extending well beyond four years of high school.

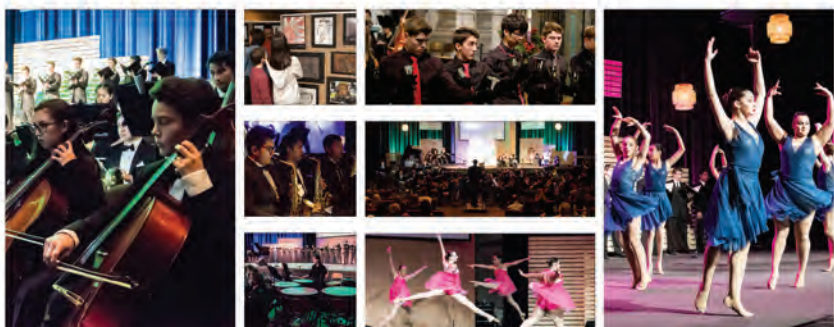
### Be a Lion for a Day

JSerra is conveniently located right off the I-5 freeway in San Juan Capistrano (just 15 minutes from Irvine Spectrum and Newport Coast). Find out if JSerra is the right fit for your child. We offer many opportunities to visit our campus including tours and Shadow Program days. Schedule your visit today by calling 949-493-9307 x2.



JSerra Catholic High School  
26351 Junipero Serra Rd.  
San Juan Capistrano, CA 92675  
949-493-9307 x2  
admissions@jserra.org  
www.jserra.org

## WINTER *showcase*



JSerra Catholic High School's Visual and Performing Arts Departments join forces for their annual collaborative extravaganza. Winter Showcase 2018 features a gallery exhibition of original works by the school's visual arts students and performances from the theatre, dance, and music programs.

**Thursday, February 15**  
6:00 PM - Reception and Visual Arts Showcase  
7:00 PM - Theatre, Dance, and Music Performances  
Soka Performing Arts Center

Purchase tickets online at [www.jserra.org/SHOWCASE](http://www.jserra.org/SHOWCASE)

**SOKA**  
PERFORMING ARTS CENTER

# THE HEART OF A LION



# JSERRA

CATHOLIC HIGH SCHOOL

**PRIVATE TOUR**  
Schedule your private tour!  
[jserra.org/visit](http://jserra.org/visit)

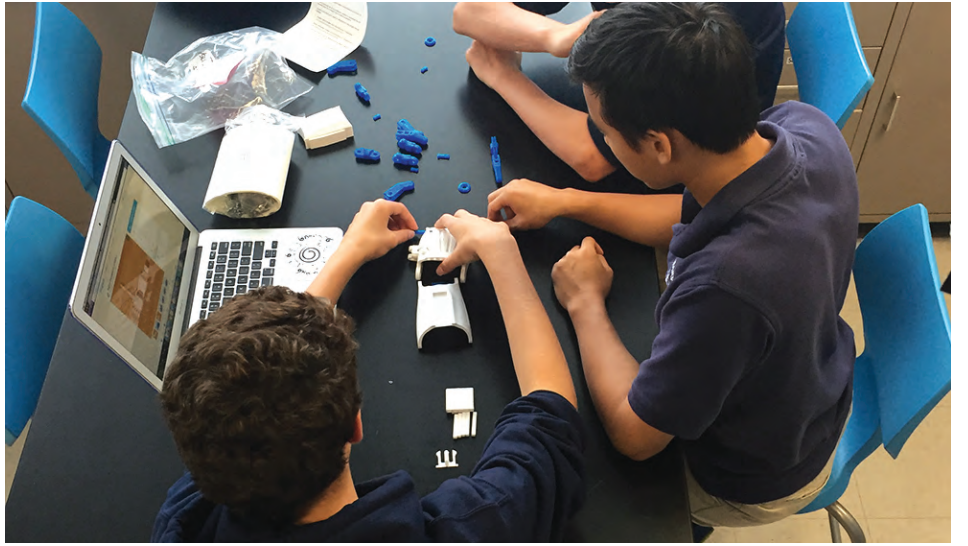
**SHADOW DAYS**  
Schedule your visit!  
[jserra.org/visit](http://jserra.org/visit)

**APPLY TO JSERRA**  
Apply for the '18-'19 school year online!  
[jserra.org/apply](http://jserra.org/apply)

admissions@jserra.org | (949) 493-9307 x 2



## K-12 STEM, INNOVATION &amp; ARTS

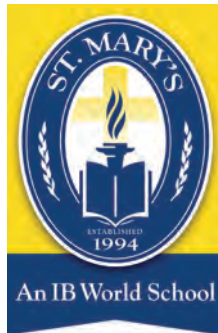


## St. Mary's STEAM Project Helps Children in Need

Eighty-five grade 8 students at St. Mary's, the first and only International Baccalaureate (IB) World School in Orange County, are producing 25-30 fully functional prosthetic hands that will be created on the school's 3D printers and shipped overseas to children in need upon completion. This will be the second year that St. Mary's students have participated in this program, spearheaded by e-NABLE, a group of individuals from all over the world who use 3D printing technology to create free hands and arms for those in need of an upper limb assistive device.

"We are so proud to be part of this network," said Katie Red, a grade 8 science teacher at St. Mary's and who, along with St. Mary's middle school technology teacher Kari Greenfield, oversees the project. "This amazing and inspiring project connects service to both the science and technology curriculums at St. Mary's and last year's project also gave us the opportunity to work closely with students at Loma Linda University, who assisted our students in this incredible service learning project."

In the fall, students from Loma Linda paid two visits to St. Mary's, bringing with them two finished prosthetic hands they created from 3D printers. The first visit focused on components of how the technology works, how to apply 3D printing to



aesthetics and how to use coding and programming to see how the finished limbs would work. The same students from Loma Linda later returned to St. Mary's and brought with them a nurse who had contracted a disease that resulted in multiple amputations. St. Mary's students were able to witness firsthand how the prosthetics work and how they improve and "normalize" the life of the nurse. She became a great inspiration to St. Mary's students including 13-year-old Grace McNeill of Newport Beach, who said, "I particularly liked designing the hand knowing that a girl would receive it and it would change her life. I knew that the hand would help her do things she wouldn't be able to do otherwise."

For eighth-grader Henry Lew, the project was initially a "challenge and a bit of a stretch." Now, three months in, he said it's been worth the learning curve. "My hand will go across the world to help someone, and it's a good feeling," said the 13-year-old. "I might not meet them, but we're helping."

### St. Mary's School

7 Pursuit, Aliso Viejo, CA 92656

949-448-9027

[www.smaa.org](http://www.smaa.org)

**I GROW MORE  
THAN JUST  
ACADEMICALLY.**

**Because I.B.**

### ONLY ST. MARY'S OFFERS I.B. CURRICULUM

As the only authorized Preschool through Grade 8 private school in Orange County to offer the International Baccalaureate (I.B.) curriculum, we are often asked to explain what it actually means. Well, it means the student, not teacher, is the central person in the class. Where students don't sit in rows, but instead are encouraged to collaborate, and really participate in hands on learning, together. Where there's a greater emphasis on independent critical thinking and international awareness. It means our teachers place as high a value on capable and compassionate leadership as they do on academic excellence. It also means our students develop a dynamic sense of their place in the world and **an active, life-long love of learning.**

**TO HEAR FIRSTHAND FROM  
TEACHERS AND STUDENTS  
HOW THE I.B. APPROACH TO  
LEARNING COMES TO LIFE  
AT ST. MARY'S, PLEASE VISIT:**

**[WWW.SMAA.ORG](http://WWW.SMAA.ORG)**

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