

UC SANTA BARBARA College of Engineering

Class of 2020 Undergraduate Celebration

June 13, 2020 Santa Barbara, California

About the College of Engineering's Class of 2020

- 380 total degrees conferred in 2019-20 *
- 128 degrees awarded in computer science *
- 91 degrees awarded in mechanical engineering
- **58** students graduated with honors
- 56 degrees awarded in computer engineering
- 53 degrees awarded in electrical engineering
- **52** degrees awarded in chemical engineering
- **41** students completed the CoE Honors Progam
- 30 students graduated with high honors
- 10 students graduated with highest honors
 - * Most awarded during an academic year in the history of CoE

College Of Engineering Honors

The college awards honors to the top 20 percent of undergraduate students each year. The GPA thresholds for the honors categories are calculated based on the graduates from the preceding academic year. Highest honors students receive a braided blue and gold cord.

Highest Honors: The top 2.5 percent of the class who earned degrees with cumulative grade point average (GPA) of 3.96 or higher

High Honors: The next top six percent of the class, who graduated with a GPA between 3.88-3.95.

Honors: The next 11.5 percent of the class, who graduated with a cumulative GPA between 3.70-3.87.

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Message from Dean Rod Alferness

reetings to everyone, and welcome to the College of Engineering's Class of 2020 Celebration! You have earned the right to be called alumni of the UCSB College of Engineering. Hearty congratulations to each and every one of you, and to our new group of Gaucho-graduate parents, who raised you and have stood by you all the way!

Each of you has grown tremendously here, perhaps in ways you could not have foreseen — and may not yet fully realized. You have collaborated to complete complex lab work and capstone projects. You have presented to large groups and stepped beyond your comfort level more times than you can recall. You have lived and felt truly alive here. For all of those reasons, I hope you will always cherish your time at UCSB.

You deserve to celebrate with family and friends in attendance, and you will have that chance, as soon it can be arranged within our new circumstances.

We are tremendously proud of every one of you. You have worked hard to get here and have persevered over the past few difficult months of the COVID-19 pandemic. One day, you'll tell your grandchildren about this unprecedented challenge — and how you met it and moved forward undaunted. You can forever take pride in that. That same strength of spirit and will to succeed will serve you throughout your life.

Now you are prepared to receive your diploma and take your place in the world. You will go forward as disciplined thinkers with innovative ideas and new approaches to solve the problems of the world. You are talented and prepared, and ready to answer the call. Today more than ever, the world needs your innovation and problem-solving abilities.

On behalf of the entire UC Santa Barbara College of Engineering, I congratulate you and wish you great success and tremendous satisfaction in all of your future endeavors. Please stay in touch, as you are forever a part of our wonderful UCSB family.

Go, Gauchos!

Rod Alferness

Dean and Richard A. Auhll Professor, College of Engineering

4 Ab-Ca

The UC Santa Barbara College of Engineering's Class of 2020

Abdelmaksoud, Mohamed		
Acosta Lozano, Lizett Katerine	. BS,	Chemical Engineering
Adari, Lekha	. BS,	Computer Engineering
Honors		
Aguilar, Byron Daniel	. BS,	Electrical Engineering
High Honors		
Akrami, Justin Sulieman	. BS,	Computer Science
Al-Eshaiker, Zain Maan	. BS,	Computer Science
Alcaraz, Hayden	. BS,	Electrical Engineering
Alcocer, Adrian Alexander		
Honors	,	3 3
Amparan, George Diego	. BS.	Mechanical Engineering
Arevalo Gutierrez, Ivan Felipe		
Arriaga, Chris Richard		
Aslo, Mitchell	,	9 9
Honors	. 50,	g
Atkin, Pyper	BS	Chemical Engineering
Baas, Kailash Parvat		
High Honors	,	
Bai, Annie Yin Er	BS	Computer Science
Balogh, Kat Terez		
High Honors	. 50,	enemiear Engineering
Barajas, Mark	BS	Mechanical Engineering
Baral, Zoe Elizabeth		
High Honors	. 50,	Sempater Selence
Barnes, Jeremy Mason	BS	Flectrical Engineering
Batterman, Nick Charles		
Battles, Zachary Ray		
Bergmann, Cole		
Bernhard, Fox Mitchell		
Honors	. 55,	Chemical Engineering
Bi, Yuchen	RS	Computer Science
Bigham, Elijah Frank Glenn		
Binkley, Jeremy Joseph	BS,	Computer Science
Dilikiey, vereiny vesepii		Biochemistry
Bona, Dylan Palamos		
Bornfreund, Nathan E		
Bovaird, Jenna N		
John And Sheila Lake Excellence Award, University Award of		
Boyd, Brydon Francis		
Brake, Trevor James		
Brooks, Jacob Anthony		
Brunasso, Katrina Elizabeth		
Button, Jack Joseph*	,	9 9
Honors	. 00,	meenanea Engineening
Cai, William	BS	Electrical Engineering
Carmi, Meital Oshrit*		
Outstanding Senior - Mechanical Engineering, Highest Hon		meenanea Engineening
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Ca-Du 5

Carvajal, Ismael Alejandro	DC	Machanical Engineering
	,	9 9
Castle, Violet Anne	BS,	Mechanical Engineering
Cavanaugh, Megan K	BS.	Chemical Engineering
High Honors	- ,	9 11 9
Chai, Zichun*	DC	Electrical Engineering
	οз,	Electrical Engineering
Honors		
Chakravarty, Suhail		
Chan, Justin R	BS,	Chemical Engineering
Chan, Chris Steve	BS	Computer Engineering
Honors	,	
Chang, Tim	DC	Communitary Francisco assistant
Chao, Alison		
Chavez, Angel Eduardo	BS,	Mechanical Engineering
Chen, Jimmy	BS,	Chemical Engineering
Chen, Yingxin	BS,	Chemical Engineering
Chen, Zhuo		
Chen, Wei Tung		
Chen, Guanyu		
Chen, Bojie		9
Chen, Noah Gooen	BS,	Mechanical Engineering
Cheng, Frank		
Chiang, Andrew*	BS.	Mechanical Engineering
Honors	- ,	9 11 9
Chin, Brandon Michael	ВC	Machanical Engineering
Chiou, Brian Shaw-Rong		
Chohan, Adam Kader	,	9 9
Choy, Sihao	BS,	Computer Science
Chu, Benson	BS,	Computer Science
Clemens, Anthony John	BS	Chemical Engineering
Clover, Garrett Edward Sr		
Collins, Silas Szabo		9 9
· ·	,	9 9
Combs, Julia Wrenn		
Cordova, Alonzo Joseph		
Coyston, Charlie James	BS,	Mechanical Engineering
Honors		
Cruz, James Nemecio	BS.	Mechanical Engineering
Cuellar, Jose Mario		0 0
Dai, Charlotte*		
	D3,	Chemical Engineering
Outstanding Senior - Chemical Engineering, High Honors		
Daly, Connor Edmund		
Dang, Alan Hai Tam	BS,	Chemical Engineering
Danninger, Griffin Paul	BS,	Computer Engineering
Davalos, Juan Carlos Jr	BS,	Computer Science
Day, Jonathan Richard	BS	Computer Science
Del Rosario, Jacob		
Delello, Steven Anthony		9 9
Diaz, Cristian Cristian		
Dibachi, Jack Arthur*	BS,	Mechanical Engineering
Honors		
Ding, Peter*	BS,	Computer Science
Honors	BS	Financial Mathematics and Statistics
Doan, Andrew Alice	BS,	Computer Engineering
Dong, Boning*		
Hynes/Wood Award, University Award of Distinction, High F		
Drummy, William Patrick		
Du, Ning	BS,	Computer Engineering
Honors		
Du, Amber Yi-Ting	BS	Computer Engineering
Du, Xiaokun		
Dunaj, Remy Catherine	DO,	wiechanical Engineering

^{*} Completed Honors Program

Du-Ho

Duncan, Nicholas Charles	BS,	Computer Science
Highest Honors	DC	C
Dupree, Matthew James*	B5,	Computer Engineering
High Honors	DC	Marshauiral Euroinannian
Dutcher, Brandon Beau	B5,	Mechanical Engineering
Honors	D.C	M 1 : 15 : :
Egley, Jake Edward	BS,	Mechanical Engineering
Honors	D.C	
Elliott, Vance George		
Eskander, Crystal Nazihnoor		
Fodor, Estefano Miguel		
Ford, Jeremiah John	,	5
Fournelle, Cameron Quinn		
Franc, Rick Guillaum		Computer Engineering
Outstanding Senior - Computer Engineering, Highest Honor		
Franco, Isabel		
Frey, Jack Harrison		
Fung, Kitty		
Funk, Alex Walter Zaits		
Gamliel, Daniel		
Ganesh, Hari		9
Gao, Ziang*		
Gelinas, John Nicholas	BS,	Chemical Engineering
High Honors		
Geng, Xingxing*	BS,	Computer Science
Highest Honors		
Georgieva, Jana Evgenieva		
Giannini, Kyle Garrett		
Ginier, Max Henry		
Godfrey, Allan Ernesto		
Goh, Wei-Yee Yee	BS,	Computer Science
Honors	D.C	M 1 : 15 : :
Gong, Mingze	BS,	Mechanical Engineering
Gonzales-Larionova, Sasha		
Gonzalez, Cesar	B5,	Electrical Engineering
Honors	DC	C
Gormley, Ryan Lawrence	DЭ,	Computer Science
Gottlieb, Matthew David	ВC	Computer Science
Guan, Nathan Weilin		
Guan, Xinyu		1 0
Guo, Jiayuan		
Haet, Porter Matteo*		
Honors	D3,	Computer science
Hajaj, Erez Shmuel	RS	Computer Science
Honors	υυ,	computer science
Hallman-Osinski, Drew Francis	RS	Mechanical Engineering
Han, Mo		
Hanson Lee, Carolyn K		9
Hawker, Michael Constantine		
He, Xiyue		
High Honors	υυ,	Chemical Engineering
Heidrick, Nathan Daniel*	RS	Mechanical Engineering
Honors	23,	g
Heisler, Eric William	BS	Mechanical Engineering
Hemphill, Justin John		
Honors	,	
Hingorani, Sahil	BS	Computer Science
Ho, Matthew Simon*		
Honors	/	Is

Hoang, Ronald Phuong Chanh	. BS,	Computer Science
Hong, Jun Je	. BS,	Computer Science
Honors		·
Houston, Ryan Stephen	. BS,	Chemical Engineering
Hu, Tengyue	. BS,	Computer Science
High Honors		
Hu, Stephen		
Hu, Yichun		0 0
Huang, Chen		
Huang, Jacqueline		•
Huang, Heming	. BS,	Mechanical Engineering
Honors Huang, Gary Hejie	DC	Character I Facility and a
nuang, Gary nejle		0 0
Hunerberg, Harvey Andrew	DA	, Comparative Literature
Ivannikova, Anna		
Iwasaki, Yota		
Jang, Raina		
Jawetz, Sean Michael		0 0
Ji, Yuefan		
BS, Mathematical Sciences	,	
Honors		
Jiang, Weiyun*		Electrical Engineering
Outstanding Senior - Electrical Engineering, Highest Honor		
Jiang, Dom		
Jiang, Kuan	,	9 9
Jimenez, Salvador		9
Jin, Xiong		
Jing, Haoming* High Honors	. BS,	Electrical Engineering
Johnson, Bryan Gary	RS	Mechanical Engineering
Johnson, Cooper Duncan		
Joshi, Oshin Shailesh		
Khurelbaatar, Enkhlen		
Kesineni, Preetham	. BS,	Computer Science
Kim, Edwin Sooin	. BS,	Mechanical Engineering
Honors		
King, Gabi Marie	. BS,	Chemical Engineering
Kiss, Max Alan		
Ko, Ricky		
Kompella, Joseph Avinash		
Kooker, Brad Scott Krantz, Kayla Marija		
La, Daniel Viet-Anh		
Lakin, Josh James	,	9 9
Lam, Eythan		
Honors	,	3 3
Lamb, Noah F	. BS,	Mechanical Engineering
Landis, Steven Mack*	. BS,	Computer Engineering
Highest Honors		
Lara De Nova, Juan Carlos		
Le, Tuan		
Lee, Joon		
Lee, Justin Tk		
Lee, Priscilla Kathryn		
Lee, ShannonLee, Frank		
Honors		Physics
Lei, Zhiqin		
Lenz, Matthew Joseph		
Letts, Agnieszka P		
	,	5 5

^{*} Completed Honors Program

8 Le-Mc

Levy, Helene Jacqueline*		Mechanical Engineering
Outstanding Senior - Mechanical Engineering, High Honors		
Li, Joanne	BS,	Computer Engineering
Li, Minliao	BS,	Computer Engineering
Li, Wenjian	BS,	Computer Engineering
Li, Siyao*	BS,	Computer Science
Li, Jackson	BS,	Computer Science
Honors		
Li, Jeffrey D		
Li, Mingzhe	BS,	Electrical Engineering
Li, Zelin		
Liang, Fujie	BS,	Computer Science
Lianides, Chris Lee	BS,	Computer Engineering
Lim, Brian Austin	BS,	Computer Science
Honors		
Lin, Chris	BS,	Computer Engineering
Lin, Howard Howyoung	BS	Computer Engineering
Lin, Leo		
Liu, Estella		
Honors	,	gg
Liu, Lillian	BS	Computer Engineering
High Honors	,	
Liu, Jerry	BS	Computer Engineering
Honors	,	
Liu, Ben	BS.	Computer Engineering
Liu, Xihan		
Liu, Hengyu		
Liu, Julia Cheng		
Liu, Chris Zichen		
Longo, Jeff Alexander Honors		
Longtin, John Phoenix	RS	Flectrical Engineering
Lu, Shihua*		
High Honors	D3,	Computer science
Lu, Cindy	ВC	Computer Science
Lu, Wesley Chen		
Luo, Ray		•
Ly, Kevin		
Ma, Sihua	BS,	Computer Science
High Honors	50,	compater colones
Magana, Emmanuel	BS.	Electrical Engineering
Mai, Jacqueline*		
High Honors		·
Malik, Siddharth	BS,	Computer Engineering
Malkhasyan, Taron		
Maravilla, Julian Adolfo*		
Highest Honors		9
Marshall, Terrell Brian Jr	BS,	Computer Science
Honors		·
Martinez, Alejandro Daniel	BS,	Electrical Engineering
Mata, Kevin	BS,	Computer Engineering
Matamoros, Isabel Felicitas		
Mccardy, Matthew James Sr		
Mccarthy, Charles James Iv		
Honors		_
Mccarthy, Nolan Ray	BS,	Mechanical Engineering
Mcnulty, Aine Lynne*	BS,	Mechanical Engineering
Honors		_

M " V D I	D.C	C . F
Mejia, Vanessa Belen		
Melena, Jose Antonio		9 9
Meng, Chuhang		
Miranda Luna, Jose Martin	. BS,	Caranata a Caiana
Mitchell, Matthew Alexander		
Mo, Ran	. БЭ,	Computer Engineering
Mo, Kerry	BC	Computer Science
Honors	. БЭ,	Computer science
Monroy, Paul	RS	Flectrical Engineering
Morales, Austin Conner		
University Award of Distinction	. БЭ,	Chemical Engineering
Morenc, Jake Peter	BS	Mechanical Engineering
Mudaliar, Kavin		
Muhlenkamp, Ray Bernard		Computer Science
Honors		, German
Murillo, Alex Esteban Sr		
Murray, Evan Scott		
Nadkarni, Aditya Ramchandra		
Nagnoor, Prathamesh Milind	. BS	Electrical Engineering
Nam, Justin Hon		
Nambiar, Arjun R	. BS,	Computer Science
Nandy, Bikram	. BS,	Computer Engineering
Nares Ayon, Roberto J	. BS,	Computer Science
Narlock, Dean Alexander*	. BS,	Computer Science
Honors		
Naushad, Junayed Ahmed	. BS,	Computer Engineering
Honors		
Ng, Kyle Ray		
Ng, Jonathan Chun		
Nguyen, Kevin Tien		
Nguyen, Michelle Minh Hien		
Nguyen, Alex Andrew*	. BS,	Mechanical Engineering
Honors Ni, Jiawei*	DC	Carranton Cairna
Ni, Jiawei^		
Nilsen, Justin Hans		
Oktayuren, Kaya Jr		
Olmos, Eduardo		
Oregon, Ricky Edward		, ,
Ou, Owen*		0 0
Owusu, Justin Ampofo		
Padilla, Rene		
Parikh, Saagar Sanjiv	. BS,	Computer Science
Parker, Thomas Ford		
Honors		
Patel, Rahil Sandeep		
Patrick, Ryan Michael		0
Pawell, Carly		
Perez, Diego	. BS,	Computer Engineering
Perez, Frank Javier		
Perry, Nick Robert		
Pham, Rachel Thuy-Nhi		
Phan, Kevin Duy		
Phan, Ryan Colin	. ¤5,	Computer Engineering
Phoosopha, Sarita Piibe, Brian Douglas		
Honors	. BS,	iviechanicai Engineering
Pinheiro, Joseph George*	В¢	Mechanical Engineering
Polisetty, Anu		
Pontarolo, Matthew Thomas	. BS	Computer Science
	. 25,	

^{*} Completed Honors Program

10 Pr-Ta

Prager, Sean Takaoka	BS,	Chemical Engineering
Price, Andrew Gillette		
Honors		'
Pulido, Raul	BS.	Computer Science
Qi, Ziming		
Quach, Michael Ly		, ,
Honors	٠,	zioetiieti ziigiiietiiiig
Ramos, Uriel	RS	Electrical Engineering
Rane, Yash		
Redrow, Jared Peter		
Reece, Adam Thomas		
Reyes Carrillo, Diana		
Robledo, Isaac Isaac		
Rochelle, Trenton Gene	,	1 3 3
Rockwood, Noah Delbert		
Rodriguez, Joshua	B5,	Chemical Engineering
Honors	Б.С	ol
Rodriguez, Josh Thomas		
Rodriguez, Richard Matthew		
Rogers, Dakota Carnoy		
Romanova, Sasha Nicole		
Rousseva, Glennie Borislavova	BS,	Computer Science
Rousso, Yinon	BS,	Computer Science
Rudnicki, Rhett	BS,	Mechanical Engineering
Ruiz Garcia, Leonardo	BS,	Mechanical Engineering
Ryan, Sean Zsitvay	BS,	Mechanical Engineering
Saha, Prabal	BS,	Computer Science
Salcedo, Allen Gerry	BS,	Electrical Engineering
Sanchez Gutierrez, Victor Manue	BS,	Computer Science
Santiago Carranza, Jair Rafael	BS,	Computer Engineering
Shahani, Ekta Anil		
High Honors		
Shamszadeh, Navid	BS.	Computer Science
·		Mathematics
Shao, Yichen		
High Honors	- ,	
Shen, Eric	BS.	Computer Science
High Honors	,	
Shen, Yucheng	BS	Mechanical Engineering
Shu, Daniel	-	9 0
Highest Honors	,	oompater oneries
Simmons, Matthew Scott	RS	Chemical Engineering
Smith, Scott Mitchell*		
Tirrell Award For Distinction In Undergraduate Research, Hic		
Smith, Noah Christian		
Son, Kevin Hoang Kiet*		0 0
		Biochemistry And Molecular Biology
Soto, Alex		Computer Science
Stenstrom, Riley Jacob		
Stoyanova, Deni Kalinova		
Su, Michelle Pei-Yi		
Suarez, Erick Danilo		
Suharitdumrong, Kara		
Swartz, Caroline Judy	BS,	Computer Science
High Honors	D.C	C . F
Tahiraj, Adjon		
Tan, Cary		
Tan, Ningyuan		
Tao, Christina Emily		
Taylor Pachol Frances	DC	Chamical Engineering

Tee, Kenji Zhen	BS,	Mechanical Engineering
Tjoa, Justin Yulai	BS,	Computer Science
Trinh, Jessica	BS,	Computer Science
Truong, Adil Azam	BS,	Computer Science
Tsugawa, David Takeshi		
Tu, Willy Lou		
High Honors	,	
Tyagi, Nikki	BS	Computer Science
Umashankkar, Arjun		
Usher, Chris Alexander		
Vijayakumar, Ajit		9
Wadaskar, Richa D		
Honors	υυ,	computer science
Wan, Jiajun*	RS	Computer Engineering
Honors	D3,	Computer Engineering
Wang, Ying*	ВC	Chamical Engineering
Wang, Zhuojie		
Wang, Yini		, ,
Wang, Chen		
Wang, Shiheng		
Wang, Tiange		
Wang, Shibo		
Weber, Gehrig Everett	BS,	Computer Science
High Honors	DC	6
Wicklund, Alec Duane		
Wolf, Miles Lawrence Tempey		
Wu, Bryan		
Wu, Hamilton Yang		
Xiao, Xinhao		
Xie, Wenhan		
Xin, Ning	BS,	Mechanical Engineering
Honors		
Xu, Yiyang*	BS,	Computer Science
High Honors	D.C.	
Xu, Nandi		
Yafei, Lidi	BS,	Computer Science
High Honors	DC	6 . 6 .
Yan, Zhijun		
Yang, Hao*	BS,	Chemical Engineering
Honors	DC	6
Yang, Alexis*	BS,	Computer Engineering
High Honors	DC	6 . 6 .
Yang, Shu		
Yang, Yunxuan*	BS,	Electrical Engineering
High Honors	DC	M 1 : 15 : :
Young, Brad T		
Yu, Yinkui*	B5,	Chemical Engineering
High Honors	DC	6 . 6 .
Yu, Shengjia	BS,	Computer Science
Honors	D.C.	
Yu, Yifan		
Yuen, Edward		
Zamora, Jacob Alexander		
Zeng, Claudia	85,	Computer Science
Honors	DC	Elementari Element
Zeng, Yilong		0 0
Zhang, Hanran		0 0
Zhang, Stanley Hz		
Zhang, Xinyuan		
Zhang, Derek	BS,	Computer Science
Honors		

^{*} Completed Honors Program

12 **Zh-Zn**

Zhang, Annan	. BS, Computer Science
Zhang, Tuo*	. BS, Electrical Engineering
Zhang, Xiyuan*	. BS, Electrical Engineering
Zhang, Thomas Zhang, Xin	
Zhang, Colin* Zhao, Felix Feixue	. BS, Mechanical Engineering
Academic Honor: Highest GPA Of Graduating Class;	. B3, Computer Science
Outstanding Senior - Computer Science, Highest Honors Zhou, Yangfan Zhou, Jiyu*	. BS, Chemical Engineering
Zhou, Michael*	
Honors Zhu, Yingchao	
Znidarsic, Christian Arthur	. BS, Mechanical Engineering

^{*} Completed Honors Program

Special Recognition

Outstanding Seniors

The following are students who are graduating with the highest grade point average among their peers in their course of study.



Chemical Engineering Charlotte Dai



Electrical EngineeringWeiyun Jiang



Computer
Engineering
Rick Guillaum Franc



Mechanical Engineering Meital Oshrit Carmi



Computer ScienceFelix Feixue Zhao
Highest GPA of
Graduating Class



Mechanical EngineeringHelene Jacqueline Levy



College of Engineering's Class of 2020 Student Speaker

Michelle Nguyen was selected to represent the UC Santa Barbara College of Engineering's class of 2020 during the undergraduate celebration. She has earned a bachelor's degree in computer engineering. Throughout her time at UCSB, Nguyen has been active in the campus community in a number of fronts. She was a founding member of UCSB's chapter of Phi Sigma Rho, a sorority for women STEM

majors, with a mission to empower and support women in engineering and technical fields where women are historically underrepresented. She was also part of a group of students whose work culminated in the installation in October 2017 of a full chapter of the sorority known as the Alpha Xi Chapter, recognized by both UCSB's Panhellenic and the Phi Sigma Rho national organization. In addition, she was a founding member of Women Hacks, a group that organized the first all-female hackathon at UCSB in 2019. In the summer and fall of 2018, Nguyen participated in the UC Education Abroad Program at Lund University in Sweden. She plans to continue her career as a software engineer at Capital One Financial Corporation in Dallas, Texas.



Hynes-Wood Award

Computer engineering major **Boning Dong** is the recipient of the 2020
Hynes-Wood Award, which recognizes students for outstanding contributions to student activities and helping others with professional growth and development.
The award is named for Jacqueline Hynes, former assistant dean for academic programs in engineering, and the late Roger Wood, a beloved electrical and computer engineering professor and former associate

dean for academic affairs. He also received a University Award of Distinction for contributing greatly to the quality of life by giving unselfish service to others within a particular area. Dong was an active member of the university's chapter of the Institute of Electrical and Electronics Engineers (IEEE) Student Branch. With his guidance, club membership grew from forty to nearly two hundred students during that time. With a 3.95 cumulative GPA, Dong is graduating with High Honors. In addition to a bachelor's degree in computer engineering, he also minored in art. Dong will return to campus in fall as a graduate student in ECE's master's program.



Tirrell Award for Distinction in Undergraduate Research

Scott Smith, a mechanical engineering student, has received the 2020 Tirrell Award for Distinction in Undergraduate Research, which recognizes graduating seniors who showed excellence and promise as researchers. The annual award is named in honor of Matthew Tirrell, the former college dean. Smith has spent the last two years conducting research for assistant professor Paolo Luzzatto-Fegiz. He has studied the

effects of surfactants, which are substances that reduce the surface tension of a liquid, in superhydrophobic surfaces, which repel water. Smith, who transferred from Santa Barbara City College, was part of a team that completed the first-ever 3-D simulations of superhydrophobic surfaces with surfactants. Those results form the basis of papers he is writing with Luzzatto-Fegiz to submit to major publications. Last November, Smith also presented his work at the American Physical Society's Division of Fluid Dynamics Conference, the largest gathering in the field. Smith, who is graduating with High Honors and a 3.92 GPA, will attend the University of Michigan to pursue a PhD in chemical engineering.



John and Sheila Lake Excellence Award

Electrical engineering student **Jenna Bovaird** is the recipient of the 2020 John and Sheila Lake Excellence Award, which is named for alumnus John Lake and his wife, Sheila, and recognizes outstanding service and academic scholarship. Bovaird has been active with the university's student branch of IEEE since her freshman year. She served as publicity chair, internal vice president, and president. She helped launch IEEE's inaugural hackathon and saw the club's membership grow from forty students

to nearly two hundred. She also received a University Award of Distinction for contributing greatly to the quality of life by giving unselfish service to others within a particular area. Bovaird will return to UCSB in the fall as a graduate student in the electrical and computer engineering's Bachelor of Science/Master of Science (BS/MS) Degree Program. Her emphasis will be in electronics and photonics.





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College of Engineering