



THE UNIVERSITY OF ARIZONA  
College of Science

THE UNIVERSITY OF ARIZONA COLLEGE OF SCIENCE

# 2020 Fall Commencement

Program for Fall 2020 Graduates

Friday, December 18, 2020

6:00 pm

Virtual Ceremony

# Program

## **Welcome**

**Elliott C. Cheu**

Interim Dean

## **Presentation of Awards**

**Rebecca L. Gomez**

Interim Associate Dean, Student Academic Success

## **Keynote Address**

**Laura Stein, PhD**

Assistant Professor, University of Oklahoma

Outstanding Senior, Spring 2009

## **College of Science Spring 2020 Outstanding Senior Address**

**Brandon Garivaldo**

Speech, Language, and Hearing Sciences

## **Presentation of Graduates**

**Rebecca Gomez**

Interim Associate Dean, Student Academic Success

## **College of Science Fall 2020 Outstanding Senior Address**

**Mila Ann Lubeck**

Geosciences

**Dr. Laura R. Stein** is an Assistant Professor in the Department of Biology at University of Oklahoma. Her research broadly spans the interface between animal behavior and the role of plasticity in evolution. In particular, she is interested in causes and consequences of behavioral plasticity within and across generations, their influence on evolutionary patterns, and the underlying processes by which organisms integrate information from their genes, parents, and personal experience. While primarily using fishes to address these questions, her students have worked with animals ranging from snakes to spiders.

Prior to her appointment as a faculty member at Oklahoma, Dr. Stein was a National Science Foundation postdoctoral fellow at Colorado State University, working on genetic mechanisms underlying behavioral divergence in Trinidadian guppies. Dr. Stein earned her Ph.D. in Ecology, Ethology, and Evolution from University of Illinois Urbana-Champaign in 2015 and her B.S. in Ecology and Evolutionary Biology from University of Arizona in 2009.

**Brandon Garivaldo** is a first generation, graduate student of color in the department of Speech, Language, and Hearing Sciences (SLHS). In his undergraduate career, he participated in research endeavors that focused on the misdiagnosis and/or underdiagnosis of Spanish-English speaking children in Southern Arizona. This experience influenced him to obtain his Bachelor of Arts in Spanish linguistics to help support his future research career in this field. Brandon also served as president (2019-2020) and was one of the founders of Speech-Language and Hearing Cats of Color. This club he and his friends created was made to advocate for underrepresented students. In this experience, he learned more about advocacy work and what it means to fight for diversity, equity, and inclusion in higher education.

Currently, Brandon is a graduate student in the Masters of speech-language pathology in the department of SLHS. He hopes to get the clinical background he needs in order to pursue a future research career serving underrepresented and underserved populations. Ultimately, he would like to obtain his PhD in Speech, Language, and Hearing Sciences and continue you working as a researcher and academic in higher education. His ultimate goal is to continue his work in better serving

**Mila Lubeck** is an undergraduate student of color in the department of Geosciences and completed her Bachelor of Science degree in Geosciences with a Geophysics emphasis and a minor in Mathematics. During her undergraduate career, she has excelled in her research to investigate the projected ice mass loss of Greenland and the future rate of solid Earth deformation. Her research is a step towards closing the gap of understanding how anthropogenic impacts on the globe affect polar regions. As a part of the undergraduate career she was involved in the Society of Earth Science Students, Association for Women Geoscientists, and Chi Omega women's fraternity. Ms. Lubeck was involved within the Tucson community by helping with the Tucson Gem and Mineral Show each year at the Junior Education area and with the Make A Wish Foundation through the Chi Omega women's fraternity. These experiences have shaped her into the driven woman of color she is today and allowed her to cultivate an interest in forging a path of diversity and inclusion as she furthers her career and community impact.

Currently, Ms. Lubeck is looking forward to beginning a Ph.D. program Fall 2021 where she is able to continue research within the Earth sciences. By extension, she plans on being actively involved in graduate school committees and organizations that promote inclusion and diversity within the future department and community. As she continues in her career, she would like to extend the bridge between the climate sciences and the public to help others understand anthropogenic impacts. Ultimately, Ms. Lubeck desires to facilitate and lead research that can open new interdisciplinary subfields that will positively impact the scientific community.

# Welcome

## College of Science Graduates:

On behalf of the University of Arizona College of Science, I would like to begin by congratulating the college graduates of 2020. It has been an extraordinary year with unprecedented challenges that makes your achievements even more impressive. Your class had to pivot within days to understand how to learn, excel, and meet your degree's challenges during a Global Pandemic. At the University of Arizona, we take great pride in your accomplishments and your vigorous pursuit of new knowledge now more than ever. We hope that you will continue your proven success as you start on your new journey. Your academic contributions, desire to learn, and dedication to sharing your knowledge and research have been invaluable to the College of Science. We are grateful for the legacy you are leaving behind.

This is an incredible time for science, and you are all fortunate to be a part of it. As future world leaders, I encourage you to fully embrace the opportunities science presents. Just as science has been the cornerstone of numerous significant advances in the past, it is fundamental to solving the numerous challenges of today and tomorrow. Scientists are needed more than ever. Your success at the University of Arizona demonstrates your ability to do such work, and I am encouraged that you will strive to achieve the unimaginable. Challenges today are multidimensional and require varied points of view and expertise. So, no matter which of the College of Science degrees you have received, given the world's many complex problems, your education has prepared you to contribute to innovative solutions right away. As you celebrate today you have the opportunity—and challenge—in taking part in this scientific revolution. This responsibility includes performing your work with great integrity and humanity. No one can take away your education, and I hope you view your hard-earned education as an opportunity to give back.

My congratulations to each one of you. As scientists, I urge you to continue to explore and understand the amazing world in which we live; Always question, always wonder.



Elliott C. Cheu  
Interim Dean of the College of Science  
Distinguished Professor of Physics

## Fall 2020 Awards

### **Outstanding Senior Awards**

This award is given in recognition of academic excellence, independent research, and community involvement.

### **Overall College of Science Outstanding Senior**

**Mila Ann Lubeck**

Geosciences

### **Departmental Outstanding Seniors**

Chemistry and Biochemistry

**Noah Hubler**

Computer Science

**Adrian Bao**

Geosciences

**Mila Ann Lubeck**

Hydrology and Atmospheric Sciences

**Rachel Spinti**

Mathematics

**Taylor Agarwal**

Molecular and Cellular Biology

**Son Tran**

Neuroscience and Cognitive Science

**Elizabeth Shelton**

Psychology

**Cassandra Watters**

## Fall 2020 List of Graduates

### **Applied Physics Bachelors**

Abraham, Shaker  
McGowan, Kaylah\*

### **Atmospheric Sciences Masters of Science**

Cutler, Lauren  
Oliver, Kristian  
Perkins, John\*  
Schulze, Scott

### **Doctor of Philosophy**

Cassell, William  
Cui, Wenjun  
Welty, Joshua

### **Biochemistry Bachelors**

Allen, Troy  
Bacon, Cory  
Bautista, Juan  
Buckley, Thomas  
Eggert, Kristopher  
Hubler, Noah  
James, Natalie  
Kellogg, Gabriel  
Patel, Doli  
Quintanar, Mireya

### **Doctor of Philosophy**

Liu, Zekun

### **Biology Bachelors**

Alharthi, Abdullah  
Athma, Moruj  
Bulanda, Lauren  
Clara, Aileen  
Contreras, Yesenia

Dillard, Desiree  
Ebenal, Anna  
Germano, Nathan  
Gonzalez, Lourdes  
Grijalva, Francisco  
Guariglia, Joshua  
Haft, Morgan  
Hooks, Justin\*  
DD Physiology & Medical Sciences

Hull, Joshua  
Jamjoum, Rafeef  
Le, Sierra  
Leeks, Adrienne  
Martinez, Nickolas  
Mortensen, Daniel\*

Nichols, James  
DM Computer Science  
Nunez, Nicholas

Pinier, Maile

Ruiz, Dzoara  
DD Spanish

Schull, Daniela

Spence, Erica\*  
DM Molecular & Cellular Biology

Torres, Kalista

Xu, Yan Di

Zhang, Lingyu

### **Chemistry Bachelors**

Aljafar, Komail  
Bodine, Nicholas  
Carrillo, Darcy  
Dinh, Thy\*  
Irish, Joseph\*  
Mansfield, Morrigan

Meise, Jordan  
Pan, Hongrui  
Pham, Tiffany\*  
DM Mathematics  
Rauh, Frederick  
Slonaker, Sam\*  
TM Mathematics, French

### **Masters of Science**

Sun, Weijun

### **Doctor of Philosophy**

Bamberger, Nathan  
Benson, William  
Carothers, Kyle  
Edwards, Steven\*  
Guzman, Lindsay  
Liu, Chenxi  
Watts, Kristen  
Zhou, Zunwu

### **Computer Science Bachelors**

Aldawood, Ahmed  
Alexander, Thomas  
Alqadda, Mutab  
Alshehri, Ali  
Bagley, Jerry  
Bao, Adrian  
Barnett, Ray\*  
Bauer, Benjamin  
Becerra, Saul  
Bryant, Harry  
Chang, Ann  
Cooper, Kevin  
Cunningham, Adam  
DeJournett, Alexander\*  
DM Mathematics

Delmore, Kyle	Lyons, Jack	Zarei, Ariyan
Dimatteo, Nicholas*	Magee, Gavin*	Zhou, Wenkang
Dinkel, Michael*	Mai, Huafeng	<b>Doctor of Philosophy</b>
Erskin, Daniel	Mohamed, Omar R.G.	Choi, Illyoung
Farkas, Nicole	Nguyen, Nicholas	Ghasemi Shektaei, Seyed
Fox, Dylan	Niemann, Sean	<b>Ecology &amp; Evolutionary Biology</b>
Fu, Zongtao	Olson, Bradley DM Statistics and Data Science	<b>Bachelors</b>
Fukumoto, Jason	Pan, Qingzhou	Aguirre, Alejandro*
Galluzzi, Louis*	Phu, Steven	Bowser, Abbey
Goldberg, Taylor	Posey, Aaron	Culbertson, Alexis
Gonzales, David*	Reyes, Ramon	Diaz, Fernando
Grice, Nile	Rich, Paul*	Gidseg, Moira* DD, DM Philosophy, Politics, Econ & Law
He, Jiacheng	Rose, Laan	Kearsley, James
Heavlin, Hayley DM Information, Science & Tech	Sawtelle, Daniel	Yarab, Sienna
Herrera, Mauricio*	Seipp, Edward*	<b>Doctor of Philosophy</b>
Hou, Sheng	Stewart, Austen	Cang, Alice
Howard, Raymond	Taylor, Ben	Charboneau, Joseph
Hu, Yunxiao	Tran, Anh	Ko, Hongseok
Hutchings, Isabela	Troyer, Jackson*	Roman Palacios, Cristian
Jacobs, Ryan	Tu, Sebastian	<b>Economic Geology Masters of Science</b>
Jia, Yongqi	Urquides, Antonio	Cornoyer, Jeffrey
Jimenez, Zachary	Valentine, Ian*	<b>Environmental Hydrology &amp; Water Resources</b>
Kang, Jiaxu	Walker, Graham	<b>Bachelors</b>
Kaufmann, Parker*	Wang, Jiahui	Ridlinghafer, Jacob
Kaylor, Grace*	Wang, Jueping	Spinti, Rachel*
Kunzler, Nicholas	Wei, Guojun	<b>Geosciences</b>
LaMantia, Katherine*	Wiegand, Zackery*	<b>Bachelors</b>
Larson, Cameron DM Information, Science & Tech	Williams, Timothy	Abu Hurayr, Mohammed
Leduc, Tyler	Zeng, Yunxiang	Aldulaim, Abdulrahman
Li, Yanzhao	Zhang, Weiyang	Alfayez, Naif
Lockett, Jake	Zheng, Songyi	Alhelal, Nawaf
Long, Da DM Mathematics	<b>Masters of Science</b>	Alhosani, Omar
Long, Zhiyu DD, DM Information, Science & Tech Finance	Ehsani, Sina	Aljubarah, Murtadha
Lukau, Timothy*	Ferra, Abelardo	Almutairi, Khalid
	Melzer, Ryan	
	Wan, Xueheng	

Alshehri, Majed  
Althuwaiqeb, Shaikhah  
Campbell, Colin\*  
Elser, Brooke  
Gaxiola, Gilbert  
Li, Guanhua  
Lima, Ivo  
Luango, Martin  
Lubeck, Mila  
Xavier, Dania

### **Masters of Science**

Delisser, Terrance  
Krupa, Anthony  
Lamom, Patthamaphon

### **Hydrology**

#### **Masters of Science**

De la Fuente, Luis  
Dicke, Tristan  
Emler, Lorianne  
Narkhede, Shweta  
DD Civil Engr & Engr Mechanics  
Venegas Quinones, Hector

### **Doctor of Philosophy**

De la Fuente, Luis  
Sanchez, Rodrigo  
DD, Spanish  
Venegas Quinones, Hector

### **Hydrometeorology**

#### **Masters of Science**

Schulze, Scott  
**Doctor of Philosophy**

Chang, Liling

### **Mathematics**

#### **Bachelors**

Agarwal, Taylor\*  
Casarez, Isaiah  
Earl, Jason\*  
DM Economics

Johnson, Devin  
DD, DM Mechanical Engineering  
Latocha, Wiktor\*  
Liu, Zhantao  
Mayhall, Benjamin  
McGrath, Yelainne  
Mota, Lourdes  
DD, DM Mech & Aerospace  
Engineering  
Qin, Yifei  
Yang, Chunxiaqu  
DD, DM Business Admin, MIS

### **Doctor of Philosophy**

Biegel, Hannah

### **Molecular & Cellular Biology**

#### **Bachelors**

Alatar, Anwar  
Boodry, Daniel  
Cesario, Marcello  
Damoura, Carissa  
Finnel, Ryan  
Gallego, Angel  
Klaehn, Sarah\*  
Nether, Alyssa  
Putnam, Natalie\*  
Rosales, Anakaren  
Smith, Amber

Tran, Cindy

Vu, Phuong

### **Masters of Science**

Sephus, Cathryn\*  
Turner, Emily

### **Neuroscience & Cognitive Science**

#### **Bachelors**

Callejas, Sara  
Chowdhury, Tausif  
Crenshaw, Tiffani

Eiserloh, Grace  
DM Psychology

Holst, Calvin  
DD Philosophy

Kahlon, Herman

Khattab, Salma\*

Lynch, Jennifer\*

Maneval, Ava

Nguyen, Eric  
DD Physiology

Olea-Rowe, Briana\*

Reilly, Bianca

Salim, Najat\*

Shelton, Elizabeth\*

Siwik, Jeremy\*

Smithson, Zachary\*  
DM Computer Science

Taylor, John\*

Tolbert, Kenneth

### **Physics**

#### **Bachelors**

Alshahrani, Rsheed  
Abdullah  
DM Mathematics  
Alshaikh Ali, Mohammed  
Carroll, Andrew  
Gulotta, Austin  
DM Mathematics  
Lu, Yiqian

### **Masters of Science**

Rana, Muhed  
Steinmetz, Andrew

### **Doctor of Philosophy**

Brasington, Alexandra  
Evans, Stefan  
Formanek, Martin  
Harkema, Nathan  
Hemmer, Daniel  
Hill, Andrew



Li, Shuailong  
Ortiz, Jose  
Rana, Muhed  
Sessions, Ryan  
Steinmetz, Andrew  
Yang, Cheng Tao  
Zhang, Zhiming  
Zhou, Hao

**Planetary Sciences**  
**Doctor of Philosophy**

Cambioni, Saverio  
Springmann, Alessondra  
Stone, Shane  
Sutton, Sarah  
Vriesema, Jess

**Psychological Science**  
**Bachelors**

Clifford, Hannah  
Deffner, Austin  
Dwigun, Madison  
Floyd, Jacob  
Garlant, Ian  
Gillis, Robert  
Gordy, Haley  
Gozar, Alexa\*  
Haydel, Victor  
Hernandez, Angel  
Hood, Megan  
Kiefer, Logan\*  
Krall, Delaney  
Marxman, Kayla  
Mitchelson, Lauren  
Murray, Destiny\*  
Patrick, James\*  
Piedrahita, Deanna  
Qin, Hualiang  
DM Computer Science  
Reyes, Noah

Romero, Ana  
DM Criminal Justice Studies  
Saber, Alicia  
Serna, Mauricio  
Severietti, Vincent  
Tarango, Jaime  
Thiss, Victoria  
Tibbitt, Taylor  
Watters, Cassandra\*  
DD, DM East Asian Studies,  
Psychology

**Psychology**  
**Bachelors**

Alharbi, Ahmed  
Avalos-Luera, Katarina  
Ballesteros, Corina  
Bargo, Grayson  
Barnett, Daisy  
Bentley, Anthony  
Bernard, Ashtyn  
Berres, Cassandra  
Bloomfield, Hannah  
Brown, Jayson  
Brown, Leighsah  
Bryfogle, Autumn  
Carabajal, Richard  
Castillo, Keaton  
Caudillo, Angel  
Cernetic, Luke\*  
DD, DM Computer Science, Math  
Chamas, Hassan\*  
DD, DM Physiology  
Chen, Alice  
DM Studio Art  
Christ, Allison  
TM Criminology, Anthropology  
Christensen, Hannah\*  
Cohen, Taylor  
Cooper, Samuel  
Cota, Bianca

Cortinas, Allyson  
DD, DM Communication,  
Marketing  
Cramer, Rebekah  
Crentsil, Krystal  
Cruz Talamantes, Ariel  
Cruz, Yesenia  
Daniels, Jordan  
DM Philosophy  
Davies, Joseph  
Davis, Matthew  
Derfus, McKenzie\*  
TM Chemistry, Criminal Justice  
Dunn, Dallas  
Elhajj, Aaron  
Enright, Elizabeth  
Eppert, Brooke  
DM Law  
Esquivel-Barker, Russell  
Ezeli, Patrick  
Farrow, Madison  
Ferris, Anthony  
Flores, Megan  
Foster, Joshua  
Gaffney, Gabriella  
Galloway, Claire  
Gallup, Faith  
Gann, Marley  
Garcia, April  
Garcia, Bret  
Gardner, Claire  
DM Italian  
Gardner, Max  
Garren, Joshua  
Goad, Emily  
Gonzales, Miguel Ignacio  
Gonzalez, Leslie  
Grajeda, Aili  
DM Political Science  
Granger, Liza\*

Green, Jacob  
Gutierrez, Kimberly  
Habensus, Ana  
Hamamoto, Kaiya  
Hamlin, Jennifer  
Hammann, Mark  
Hansen, Tayler  
Hilborn, Allison  
DM Communication  
Holma, Gabrielle  
DD Elementary Education  
Iradukunda, Safali Gisele  
Islam, Zara  
James, Jasmine  
Johnson, Alexandria  
Jones, Vivian  
Jordan, Jesse  
DD Criminal Justice  
Karumanchi, Cindhuri  
Koveleskie, Sophia  
Ladner, Olivia  
Lam, Ada\*  
DD, Care, Health and Society  
Larkspur, Kelli  
Ledezma, Karla  
Lerma, Matthew  
Lindemer, Shannon  
Lopez, Vivianna  
Lutz, Kerstin  
Majkowski, Lucas  
Maldonado, Jessica  
Marcus, Jennifer  
Mason, Tahtianna  
McCabe, Melissa  
McClelland, Shana  
McGowan, Matthew  
Merritt, Lily  
Mesa, Jacquelynn  
DM Sociology

Mesich, Faith  
Mesman-Hallman, Kai  
Metzler, Sophia\*  
Mills, Hannah  
Moises Ton, Abraham  
TM Political Science, Spanish  
Moreno, Alyssa-Marie  
Moreno, Amalia  
Mota Villalobos, Kareli\*  
Musfeldt, Grace  
Nakano, Dana  
Navarrete Luna, Jose\*  
Ngoma Madiata, Siraelle  
Oliver, Sheila  
Paredes, Ivy  
Parraz, Noelia  
Pearson, August  
DM Journalism  
Pearson, Sydney  
Penner, Danielle  
Perez, Luis  
DD, DM Spanish, Criminal Justice  
Petersen, Delcia  
Phelps, Margaret  
Pratt, Mattison  
Proefrock, Denisa\*  
Quinn, Kelsey  
Ramirez, Kylie  
Rhodes, Alejandra  
Riley Everett, Miracle  
Roberts, Shelyse  
Roche, Josephine  
Rodriguez, Joel  
Rogers, Demi  
Rojas, Victoria  
Roman, Tracye  
Romero, Francisco  
Rosales, Aarlin  
DM Anthropology

Rupert, Rebecca  
Santamaria, Isabella  
Smith, Janelle  
Stevens, Dianna  
Su, Jianguy  
DM East Asian Studies  
Thompson, Amanda  
Threat, Marissa  
Torres, Claudia  
Valenzuela, Alma  
Vega, Ayleen  
Walsh, Christine\*  
DD Nursing  
Washington, Jalicia  
Williams, Brandi  
Williams, Shira  
Wofford, Jessica  
Wooden, Tea  
Yepiz, Roxanna  
DM Spanish  
Zucker, Joee  
**Doctor of Philosophy**  
Dieckman, Lauritz  
Esterline, Katherine  
Penaherrera, Mateo  
**Speech, Language, &  
Hearing Sciences  
Bachelors**  
Aguilar, Michelle Renee  
DeLuna  
Guzman, Edgardo\*  
Price, Patricia

DM: double major earned

DD: double degree earned

TM: triple major earned

\*Honors attained

# The University of Arizona College of Science

## College of Science

**Elliott C. Cheu**

Interim Dean

**Rebecca L. Gomez**

Interim Associate Dean, Student  
Academic Success

**Peter Reiners**

Associate Dean, Research

**Brad Story**

Associate Dean, Faculty

## Department Heads and Directors

**Philip A. Pearthree**

Arizona Geological Survey

**Buell T. Jannuzi**

Astronomy/Steward Observatory

**Craig Aspinwall, Interim Head**

Chemistry and Biochemistry

**Mary A. Peterson**

Cognitive Science

**David Lowenthal**

Computer Science

**Michael Worobey**

Ecology and Evolutionary Biology

**Barbara Carrapa**

Geosciences

**Thomas Meixner**

Hydrology and Atmospheric Sciences

**David C. Frank**

Laboratory of Tree-Ring Research

**Douglas L. Ulmer**

Mathematics

**Joyce A. Schroeder**

Molecular and Cellular Biology

**Alan J. Nighorn**

Neuroscience

**Sumitendra Mazumdar**

Physics

**Timothy D. Swindle**

Planetary Sciences/Lunar and

Planetary Laboratory

**Lee Ryan**

Psychology

**Pélagie M. Beeson**

Speech, Language, and Hearing Sciences

## School Heads and Directors

**Barbara Carrapa**

School of Earth and Environmental  
Sciences

**Douglas L. Ulmer**

School of Mathematical Sciences

**Alan J. Nighorn**

School of Mind, Brain and Behavior

The University of Arizona sits on the original homelands of indigenous peoples who have stewarded this land since time immemorial. Aligning with the university's core value of a diverse and inclusive community, it is an institutional responsibility to recognize and acknowledge the people, culture and history that make up the Wildcat community. At the institutional level, it is important to be proactive in broadening awareness throughout campus to ensure our students feel represented and valued.



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