



# Jeffrey Abraham

Bachelor of Science in Physics:  
Comprehensive Physics  
Minor in Applied Mathematics  
Spring 2021

Hometown: Evanston, IL

Jeff was a curious student on a quest for understanding. Physics fulfilled this pursuit and enabled him to follow his passion for learning. Outside of the physics curricula, Jeff was involved in the UW Formula Motorsport team where he was able to explore hands on applications of his learning and earn capstone credit.

Jeff would like to thank his family, friends, team members, and classmates for their roles in his success, and support in these transformative years.

# SARA AHANCHI MARKAZ

BACHELOR OF SCIENCE IN PHYSICS:  
APPLIED PHYSICS AND ASTRONOMY  
SUMMER 2021

HOMETOWN: TEHRAN, IRAN

Sara fell in love with experimental physics and loved her particle physics coursework. She was the President of the Society of Physics Students and did research with professor Seidler, learning about scientific instrumentation. After discovering her passion for Physics through the DRiP program she decided to pursue a PhD physics as well and will be attending the University of Maryland starting next Fall.

Sara is grateful to her advisors, professor Seidler, Professor Olmstead and other mentors for offering so much help and expertise. She thanks her mom, dad and brother for supporting her through her studies at UW!







# Brandon Bosworth

Bachelor of Science in Physics  
Applied Physics  
Bachelor of Science in Astronomy  
Minor in Mathematics  
Spring 2021

Brandon loved his physics courses, and enjoyed learning about how the universe works and problem solving with his peers. One experience in particular that stands out to him was getting to use Apache Point Observatory. He looks forward to taking the skills he has learned and applying them to whatever comes next.

Brandon thanks his friends for all the great memories, and his family for their love, support, and for always encouraging him to be curious about the world.



# Stephen Tate Braden

Applied Physics B.S.

Spring 2021

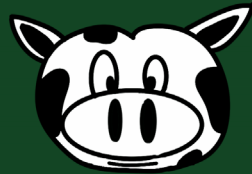
Favorite equation:

$$\nabla \cdot E = \frac{\rho}{\epsilon_0}$$

Favorite Physics Joke:



$\mu$



$\mu_0$

"So long, and thanks for all the fish"







# Collin Michael Bruner

Bachelor of Science in Physics:  
Applied Physics  
Spring 2021 Hometown:  
Tucson, AZ



Collin enjoyed his engineering and physics coursework along his applied physics path here at the University of Washington. He will begin his next adventure attending the prestigious European Nations Joint-Jet Pilot Training (ENJJPT) Program at Shepard AFB in Texas where he will train to become a fighter pilot with other premier candidates. Collin hopes to attend the Air Force's Test Pilot School with a long-term career goal of being a test pilot.

Collin thanks Profs. Taulu and Pengra for showing him the beauty behind complex physics, the Cadre and Cadets at Detachment 910 for training and support along the way, his good friend Audrey and her folks for being his family away from home, and most importantly Collin's parents Teresa and Tony for their love, support, and life-long sacrifices that got him where he is today.



# Arden Chaing

**Bachelor of Science in Physics:  
Applied Physics  
Minor in Mathematics  
Spring 2021**

**Hometown: Kirkland, WA**

Arden enjoyed his physics coursework and the time he spent as part of UW's Formula Motorsports team. He loved spending endless hours working on the electric race car with his friends and teammates. His time at SpaceX over the summer was super inspiring and reinforced the importance of the fundamentals taught in thermodynamics and advanced kinematics. Utilizing his technical and interpersonal experience and skills, Arden plans to pursue a career in product management. Therefore, to further his career he is interning with Hover Inc as a product manager this upcoming summer.

Arden thanks Profs. Tolich and Pengra for their instrumental teachings, his best friends Isabelle, Alex, and Albert for the great memories, the formula motorsports team for the hands-on experience, and of course his family for their love and support.



# DARCY CHEN

Darcy is graduating with a degree in Applied Physics. He enjoyed learning how the universe behaves and relating theories to practical solutions. He's grateful for the opportunity to work on the NOMR capstone, bringing Virtual Reality to undergraduate physics labs. Heading into the telecommunication industry, he'll soon apply the knowledge and skills learned to a fast-paced, cross-disciplinary environment.







# Helen Chen

## Bachelor of Science Comprehensive Physics Minor in Mathematics Spring 2021

Helen enjoyed her learning in physics and math and valued the inclusive environment fostered by the UW physics community. Her interest in applying physics to environmental issues motivated her to continue her study in physics. Next fall, she will enter the physics PhD program at the UW, carry on her exploration under the guidance of the supportive faculties.

Helen thanks Profs. Hsu and Gupta for introducing her to the world of cutting-edge research and teaching her how to be a researcher, all the graduate students in their labs for their valuable mentorship, her lab/study partner Lucas for the comradeship for combating difficult assignments, the Moes for treating her as part of the family, and her family back in Taiwan for all their love, support, and trust.



# Vincent Chen (Xingyu)

Bachelor of Science in Physics:  
Comprehensive Physics  
Spring 2021

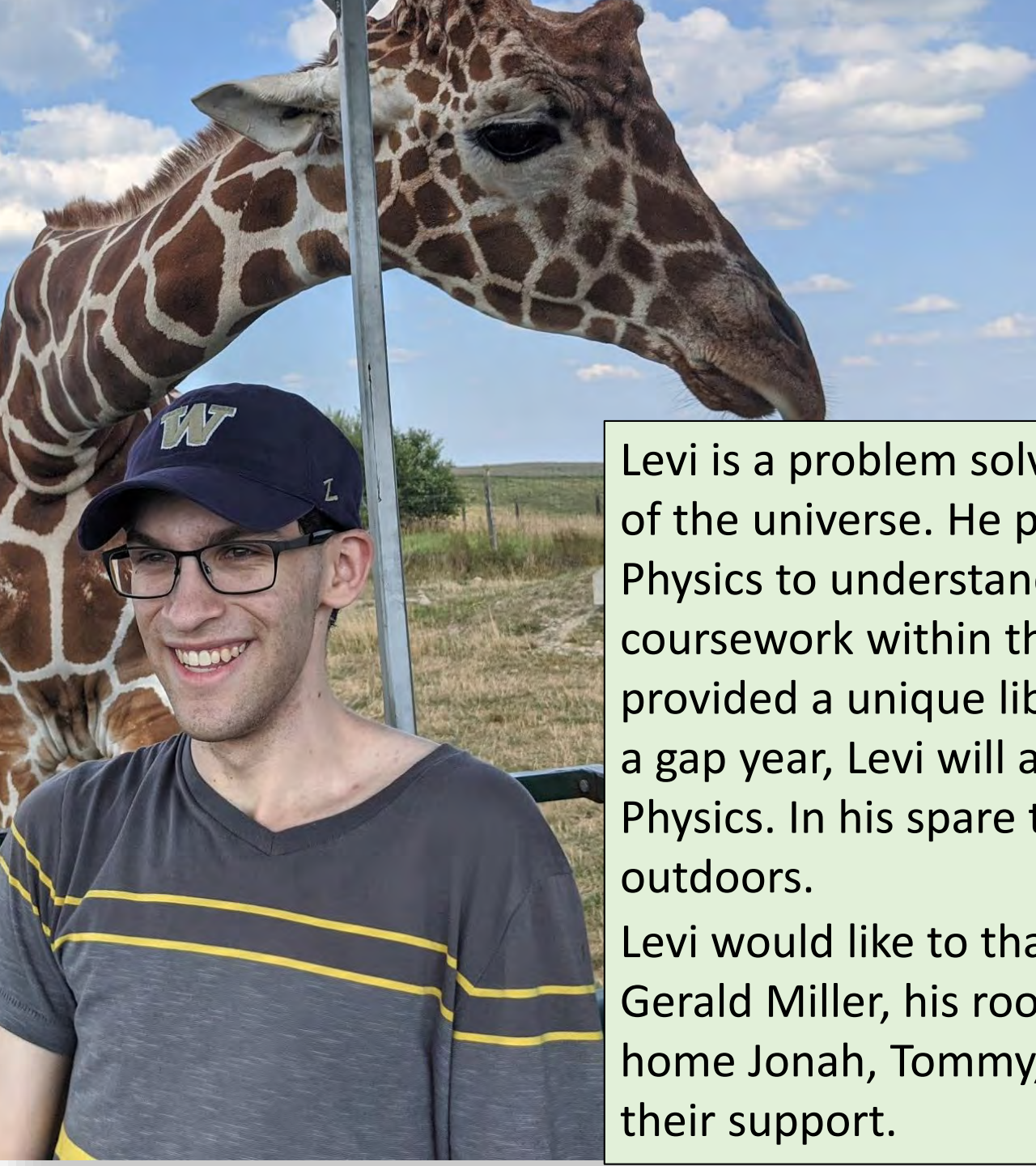
Hometown: Guangzhou GD, China

Vincent is increasingly excited about exploring the world of physics with the help from his professors and peers. He will continue studying physics in his Elementary Particle Experiment Group and will prepare to apply for graduate physics in the foreseeable future.

Vincent wants to express his gratitude and appreciation to Profs. Blinov, Morales, and Pengra who taught him crucial ideas in learning physics; his guru Ryan L., and his friends Hao Z. and Zeyu Y. for helping him along the way.







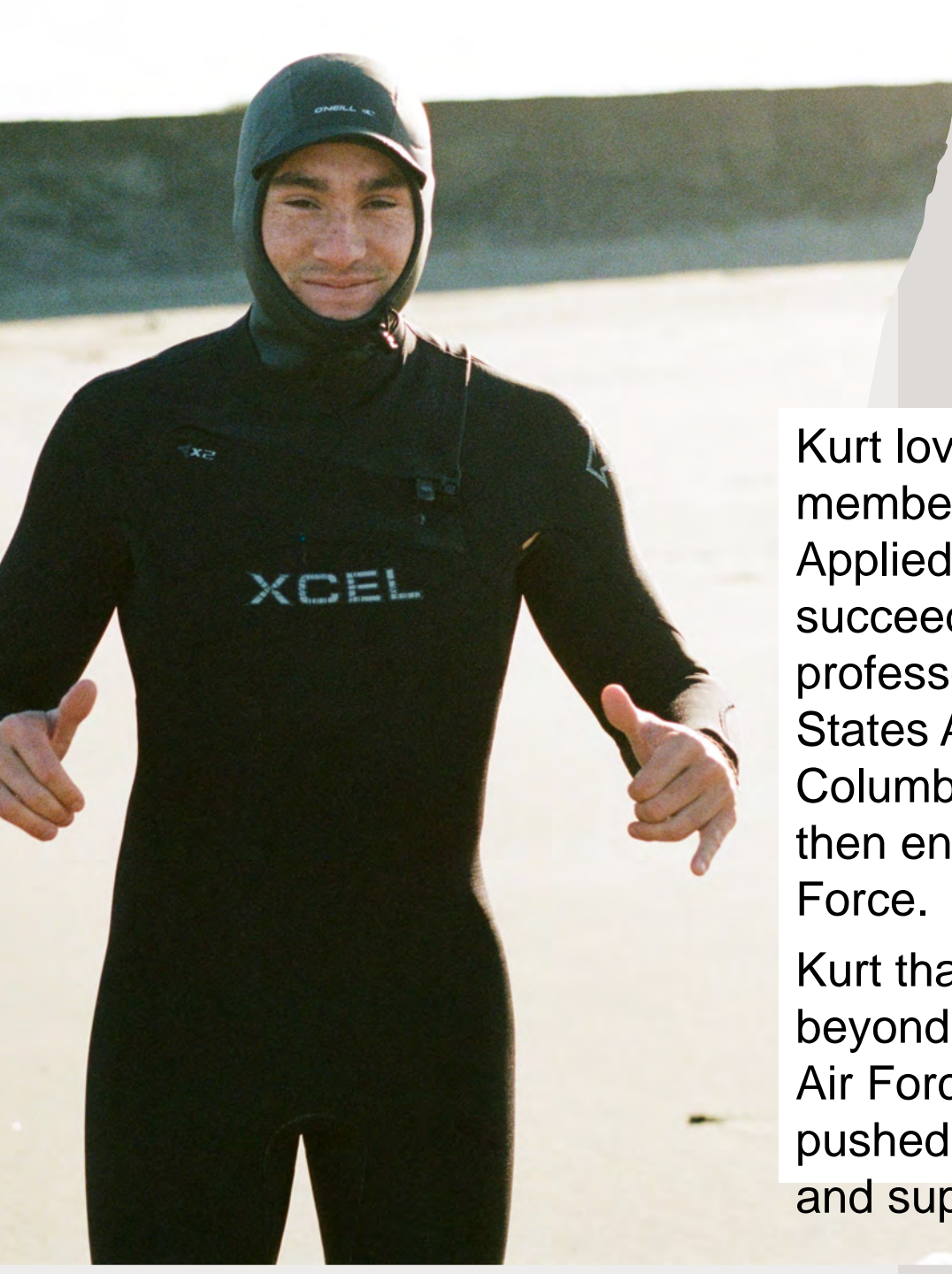
# Levi Condren

Bachelor of Science in Physics  
Bachelor of Arts in Mathematics  
Summer 2021  
Hometown: Vancouver, WA

Levi is a problem solver who has always loved discovering the secrets of the universe. He pursued a double major in Mathematics and Physics to understand the world at the most fundamental levels. His coursework within the UW Interdisciplinary Honors program provided a unique liberal arts dimension to his time in college. After a gap year, Levi will attend graduate school and earn a PhD in Physics. In his spare time, he enjoys chess, board games, and being outdoors.

Levi would like to thank his amazing family, his research mentor Gerald Miller, his roommates Mika and Mason, his friends from back home Jonah, Tommy, and Andrew, and his girlfriend Haley for all their support.





# KURT CRAPO

Bachelor of Science in Physics: Applied Physics

Minor in Aerospace Studies, Spring 2021

Hometown: San Clemente, CA

Kurt loved his four years studying Applied Physics and being a member of the Air Force ROTC program. Although challenging, the Applied Physics program at UW helped Kurt learn what it takes to succeed with the help and example of his talented peers and professors. Kurt is commissioning as a 2<sup>nd</sup> Lieutenant in the United States Air Force and will be attending Undergraduate Pilot Training at Columbus Air Force Base in Mississippi. His goal is to fly C-17's and then enter the commercial airline career field after his time in the Air Force.

Kurt thanks all his professors who have taught him countless lessons beyond physics that he will take with him as he enters a career in the Air Force, his friends in the 17<sup>th</sup> Ave house who have consistently pushed him in his faith, and his family and girlfriend for all their love and support.

# Tzvetelina Anguelova Dimitrova

Bachelor of Science in Physics:  
Comprehensive Physics, Astronomy

Minor in Earth & Space Sciences

Spring 2021

Hometown: Sammamish, WA

Tzvetelina will always value the skills she learned from her undergraduate degree and be grateful to the professors and friends who helped her along the way. Her astronomy research in the Massive Stars Group inspired her to continue her education. This fall, she will be entering the astrophysics doctoral program at Arizona State University.

Tzvetelina thanks her research mentors, Dr. Kathryn Neugent and Prof. Emily Levesque, for a wonderful research experience. She thanks her incredible family for all their immense love and support.





# Haoran Du

Bachelor of Science in Physics:  
Applied Physics

Spring 2021

Hometown: Anhui, China



Haoran thanks Professor Pengra, Heckel and Garcia for teaching him knowledge required to pursuing his further education, Advisor Nims and Professor Olmstead for hearing him out, all the classmates and lab partners for spending their time and patience. Special thanks to his mom and dad for their support all the time. 谢谢，辛苦了





# Evan Arlon Einloth

Bachelor of Science in Physics: Applied Physics and Astronomy  
Spring 2021

Hometown: North Kingstown, RI

Evan loved the past four years he spent at UW. He found motivation in his desire to learn more about the universe and the processes that govern it. Evan cherishes all the connections and memories he created in Seattle.

Evan would like to thank his family, friends, and classmates for their support throughout his education.





# Fernando Eizaguirre

Bachelor of Science in Physics:  
Comprehensive Physics  
Minor in Dance  
Spring 2021

Fernando would like to thank his family for their unwavering support! He would also like to thank Professor Andreev for making the physics department feel like a place he belonged in. As well as Stuart Anderson, Steve Anderson, Byron MacKenzie and everyone at the IC for being a home when on campus. He would also like to thank Brian J Evens, Dani Tirrell, Michael O'Neal and Kelly Canaday.

# Maxwell Addison Elliot

Degrees: Bachelors of Physics Education & Astronomy

Hometown: Lake Stevens, WA

Maxwell is looking forward to a career in Physics Education as a high school teacher and has enjoyed his time volunteering at the Planetarium for the last 4 years.

Maxwell would like to thank his family, Cheryl, Quentin, and Oliver, and his friends, Sophie, Donovan, Anna, and everyone else for the support for the last 4 years.

