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ARCS SCHOLAR

Susana Simmonds Bohorquez 2020-2023
Bioengineering, University of Washington



2023-2024

ARCS Foundation Seattle Chapter Scholars

Our Mission:

ARCS® Foundation advances science and technology in the United States by providing financial awards to academically outstanding U.S. citizens studying to complete degrees in science, engineering, and medical research.

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Recipient Schools:

University of Washington and Washington State University

Esteban Abeyta – MD/PhD - Molecular and Cellular Biology

University of Washington

Sandra and Kent Carlson (5th)



Esteban received a Master of Philosophy in Biological Sciences Biochemistry degree from the University of Cambridge in addition to bachelor's degree in Biochemistry with a minor in Honors Interdisciplinary Liberal Arts Studies degree from the University of New

Mexico. He has always been interested in the investigation between human genetics and rare diseases including the causal mutations and mechanisms underpinning neuromuscular/neurodegenerative phenotypes. Esteban has additional interests in genomics, innate immunity, and infectious disease research. In his career, he hopes to lead a strong research team in a collaborative research center and assist patients with rare, hereditary disorders to understand the cause of their physical manifestations and to develop personalized medicine to help them manage their illnesses. Esteban was born and raised in Northern New Mexico and can trace his ancestry back at least 8 generations in the state. He enjoys reading nonfiction, running, cycling, traveling internationally, and returning home to spend time with his family.

Genevieve Aguilar – Nursing Science

University of Washington

Pamela H. & Donald W. Mitchell ARCS Endowed Fellowship in Nursing Science (8th)



Genevieve received her bachelor's degree in Nursing Science from Seattle University. She was drawn to nursing by the health disparities she saw in the healthcare system. As a research fellow at her hospital, she surveyed hospital-wide about the barriers nurses face when providing interpretation and translation

services. Her research and desire to make a difference for the Latinx/e community compelled her to pursue her PhD. Genevieve currently serves on the nursing faculty of Heritage University in Toppenish, WA. Heritage is a Hispanic Serving Institution and a Native American Serving Non-Tribal Institution. She hopes to continue serving this community through her teaching and research. Genevieve is bilingual, bicultural, and was born and raised in the borderland of El Paso, Texas. She came to the Pacific Northwest twenty years ago and has two sons, five birds, and a Chihuahua.

Hailey Akins – Chemistry

University of Washington

Gladys Harrington in honor of Eve Alvord ARCS Endowed Fellowship (27th)



Hailey received a bachelor's degree in Chemistry from the Georgia Institute of Technology where she worked with Dr. Henry La Pierre. Her research focused on the synthesis of new, weak-field ligands for isolating tetravalent lanthanides. While Hailey has always enjoyed working in the lab, her research made her realize her love for inorganic, synthetic chemistry. In graduate school, she hopes to apply this interest towards solving problems in clean energy because she is passionate about using research to solve global environmental issues. Specifically, Hailey is interested in studying inorganic complexes and materials that can catalyze energy relevant reactions. Furthermore, she enjoys teaching chemistry labs and hopes to continue in graduate school. Outside of the lab, Hailey enjoys spending time with her friends, trying new restaurants and experiences, and playing roller derby.

Celine Atkinson – Oral Health Sciences

University of Washington

Washington Research Foundation ARCS Endowed Fellowship (135th)



Celine received her bachelor's degree in Microbiology and her master's degree in Biology: Cell and Molecular Biology track from the University of South Florida. Celine has always wondered how diverse microbial communities can coexist and thrive within their environments. Fueled by her curiosity, she looks forward to examining similar concepts in her doctoral degree at UW. Currently, Celine is exploring bacterial strain-variation and bacteriophage dynamics in the gut microbiome. This research has allowed her to characterize trends between microbial populations in a microbiome, as well as gain an understanding towards how the innate immune system recognizes and responds to these populations. Celine is passionate about representation, mentorship, and outreach, and prioritizes these tenets in her academic work. Celine loves to run, cook, and drink oat milk cappuccinos in her spare time.

Megumi Azekawa – *Nursing Science*

University of Washington

Doris L. Carnevali ARCS Endowment in Nursing (3rd)



Megumi holds a master’s degree in Music Therapy from Colorado State University. Over the course of her career as a music therapist, Megumi has gained a wide range of clinical experiences at different care settings, and has served a variety of populations including refugees, immigrants, and migrants. Both her clinical and

personal experience as an immigrant sparked her curiosity to explore how grief and loss due to migration (“migratory loss”) may be linked to possible health consequences, and how music therapy may contribute to prevention, treatment, and wellness. By blending nursing science and music therapy, she seeks to research the development and promotion of innovative and culturally-responsive approaches to close racial gaps in mental health care access and provision. In her free time, Megumi enjoys exploring and hiking with her family, cooking Japanese food, and playing in a saxophone quartet and other ensembles.

Jeffrey (Tanner) Badigian – *Molecular Biosciences*

Washington State University

Washington Research Foundation (133rd)



Tanner received a bachelor’s degree in Biochemistry from the University of Idaho after 3.5 years of study. In that time, he performed 2 years of undergraduate research on antifungal killer toxins produced by yeast, encoded by dsRNA satellites, and their potential as a therapy for vaginal yeast infections. He loves his field of study because

it taught him how different life forms interact with and infect each other, sometimes benefiting both organisms. Tanner wants to study the same types of interactions in plants and their pathogens. He hopes to eventually expand this research into something that can allow plants to survive more diverse traumatic events. He enjoys going for hikes and spending time in nature more than anything, and if he can work towards preserving that, he will.

Raelynn Cameron – *Nursing Science*

University of Washington

Joanne & Bruce Montgomery ARCS Endowment (12th)



Raelynn received a bachelor's degree in Nursing Science from Linfield College. She also received a master's degree in Nursing Science and minor in Palliative Care from the University of Pennsylvania. Raelynn researched how different diuretic treatment plans would improve patient outcomes in her master's degree. Her career has been in cardiology, specifically heart failure, for the past 12 years. Working as an RN and now ARNP at UW Montlake Cardiac ICU, she sees gaps in healthcare and it excites her to fill those gaps with evidence. Raelynn's main research interests are in heart failure and palliative care. Being able to change practice, improve patient outcomes, and motivate new nurses towards research is what excites her in starting a PhD at UW. In Raelynn's free time, she enjoys kayaking, stand up boarding, and meandering through the numerous parks of Seattle.

Hank Cheng – *MD/PhD - Genome Sciences*

University of Washington

Washington Research Foundation ARCS Endowed Fellowship (136th)



Hank received his bachelor's degree from the University of Washington, where he majored in Biology and minored in Applied Math. He conducted research in medical genetics at the UW and spent a year at the NIH after graduation to work in bioinformatics. The fulfillment and excitement of discovering genetic causes for patients at the UW motivated him to return to the UW to pursue an MD/PhD with a PhD in Genome Sciences. He currently works in Andrew Stergachis' lab which uses chromatin sequencing to study the impact of non-coding and epigenetic variation on human disease. Hank is grateful to be back at UW and grateful for the support from ARCS. His goal is to become a skilled clinician and researcher. In his free time, he enjoys cooking, kayaking, and watching K-Dramas.

**Nikol Damato – *Environmental and Forest Sciences*
*University of Washington***

Kathy Fraser (4th) with Sally and David Wright (4th)



Nikol received a master's degree in Marine Affairs from the University of Rhode Island and bachelor's degrees in History, Environmental Affairs, and Sustainability from Slippery Rock University of Pennsylvania. Inspired by her love of marine mammals and her interest in the complex relationships between human communities and marine systems, Nikol's research focuses on the human dimensions of marine conservation and policy. As an interdisciplinary social scientist, she examines governance and decision-making for endangered species and marine mammal conservation to balance diverse perspectives and values throughout the policy process. Her research at the UW will focus on recovery of the endangered Southern Resident killer whales in the Salish Sea. In her free time, Nikol enjoys being in and near the water, spending time with family, and visiting local cafes.

**Kimberly Derderian – *Neuroscience*
*University of Washington***

ARCS Light in honor of Marcia Lewis



Kimberly received a bachelor's degree in Neuroscience with minors in Computer Science and Biotechnology from Santa Clara University. In her past research experience, she developed an interest in computational neuroscience and neurotechnology. Kimberly has begun exploring the intersection of technology and neuroscience by constructing a device used to study visual reflexes and utilizing Deep Learning models for cognitive and behavioral neuroscience research. She hopes to continue using technology in interdisciplinary neuroscience research to advance diagnostics, therapeutics, and patient care. Kimberly also enjoys baking, playing video games, and dancing.

**Alex Doan – MD/PhD - Molecular and Cellular Biology
University of Washington**

**Joanne & Bruce Montgomery ARCS Foundation Endowed Fellowship in
Honor of the American Lung Association (5th)**



Alex received a bachelor's degree with honors and a master's degree in Biology at Stanford University. Fueled by scholarly interest and the impact cancer has on his friends and family members, he decided to pursue cancer research and is interested in discovering novel targetable vulnerabilities in tumor cells that could guide better developments in cancer immunotherapies. Alex worked in the lab of Julien Sage at Stanford studying the RB tumor suppressor protein and is now an MD/PhD student at UW investigating small cell lung cancer in the lab of David MacPherson at the Fred Hutchinson Cancer Center. He looks forward to pursuing a career as a physician scientist, tackling cancer both at the lab bench and at the bedside. Alex identifies as first-generation and is also passionate about health and research equity. In his free time, Alex enjoys playing board games, cooking, watching movies, and exploring the city.

**Kathleen Durkin – Aquatic and Fishery Sciences
University of Washington**

**Keith & Mary Kay McCaw Family Foundation ARCS Endowed
Fellowship (21st)**



Kathleen graduated from Harvey Mudd College with a bachelor's degree in Mathematical and Computational Biology, and an emphasis in Environmental Analysis. For the past several years, she has been studying methods of species delimitation in octocorals to improve estimates of biogeographical diversity, while also informing future conservation efforts. Kathleen is interested in pursuing a more applied field of ecology with conservation implications, which has motivated her decision to study marine invertebrate stress response at UW. In her free time, Kathleen enjoys reading, biking, baking, and seeing musical theatre productions.

Kaitlin Flores – *Computer Science and Engineering*
University of Washington

Lindsay Eberts & Patti Paxton Eberts (2nd) with ARCS Foundation



Kaitlin obtained her bachelor's degree in Biomedical Engineering from Yale University, where her fascination with medicine took root. With a genuine passion for leveraging computer science to enhance global healthcare, she eagerly embraces the opportunity to develop innovative computer vision techniques at UW. Currently, Kaitlin has been working on utilizing machine learning for advancing digital pathology, specifically automating the detection of different cell types in liver cancer. Through her research experience, she has gained a deep appreciation for the transformative potential of computer vision in the medical field. Her aspiration is to utilize computer vision as a means to enhance healthcare accessibility on a global scale. Outside of academia, Kaitlin finds joy in connecting with nature through hiking, surfing, and the strategic pursuit of chess.

Maria Garcia – *Biology*
University of Washington

Camille & Jim Uhlir ARCS Endowment (17th)



Maria received a bachelor's degree in Biology (Evolution, Ecology, Marine Biology) with honors and Romance Languages and Literatures (French and Spanish) from Bowdoin College. Her research involves considering how anthropogenic activities alter marine foundation species and extend through the rest of the community. Foundation species are important for both humans and ecosystem functioning. In the past, Maria has worked in researching bull-kelp and eelgrass ecosystems. In graduate school, Maria is looking forward to continuing understanding eelgrass and other mudflat ecosystems in the Ruesink Lab. With her research involving field experiments, she hopes to have impact, both for the conservation of the environment, and for the people that depend upon it. In her free time Maria enjoys riding horses and spending time outside with her dogs.

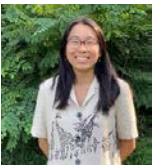
Julianna Gilson – *Immunology and Infectious Diseases*
Washington State University
ARCS Light in honor of Kitti Lile



Julianna received her BS in Biology at Simpson University and her MPH&TM at Tulane University. She has always been interested in patterns of infectious disease and how they interact with hosts to move through populations. Working for the Frank Lab at Tulane University, Julianna focused her interests on bats and developed a fascination for how the bat's immune system interacts with viruses. In continuing her research in this field at WSU, she hopes to generate useful descriptions of bat host-viral interactions that will uncover mechanisms of zoonotic spillover. In her free time, you can find Julianna exploring National Parks, climbing mountains, and writing fiction.

Maya Gong – *Oceanography*
University of Washington

Alicia & Jeff Carnevali ARCS Endowment in Oceanography (3rd)



Maya received a bachelor's degree in Mathematics from Haverford College in 2023. She has always been interested in studying climate change and the environment but discovered a love for math during her first year of college after taking linear algebra. She worked in a physical oceanography research group for a summer as an undergraduate and found it the perfect way to combine her interests in climate science and math. Her research interests are in ocean mixing and how ocean mixing affects the global climate system. She hopes to use her research to better understand the effects of climate change. In her free time, Maya enjoys hiking, baking, and crocheting.

Sarah Hadley – *Medicinal Chemistry*

University of Washington

Allison and Steve Harr (3rd)



Sarah received a bachelor's degree in Biochemistry with a minor in Science Education from UCLA in 2015. She spent six years at two pharmaceutical development companies, first working in project management and then moving into analytical chemistry. During this time,

Sarah became passionate about using analytical techniques to quantify the physical and chemical characteristics of disease-relevant molecules. She decided to pursue graduate school to gain expertise in pharmaceutically-relevant analytical techniques as well as to learn more general skills about strategically approaching scientific questions and problems, understanding the existing relevant work, and presenting her findings in a clear and contextual way. She plans to return to pharmaceutical development to utilize these skills upon graduation. In her free time, Sarah likes to hike/birdwatch, explore Seattle, and pester her cat, Barry Manilow.

Luan Heywood – *Earth and Space Sciences*

University of Washington

Karyl and Elias Alvord (5th)



Luan holds a bachelor's degree in Geoscience from the University of Iowa and a master's degree in Geology from Western Washington University. Most recently, she worked in a joint position as a Research Associate at the International Ocean Discovery Program (Texas A&M University) and on the R/V JOIDES Resolution, a scientific

ocean drilling vessel. Luan is interested in studying how subduction zones (such as the Cascades, as well as underwater subduction zones such as the Izu-Bonin subduction zone in the Western Pacific) create magmas, and how geochemistry controls the location, shape, and eruptive potential of volcanoes. Luan also serves on the Steering Committee of Asian Americans and Pacific Islanders in Geosciences (AAPiG, <https://www.aapigeosci.org/>), a new affinity group designed to provide a space for networking, education, and advocacy, by and for the AAPI earth sciences community.

Ula Jones – *Earth and Space Sciences*

University of Washington

Margery S. Friedlander ARCS Endowed Fellowship (8th)



Ula received a bachelor's degree in Geophysics and Environmental Science from Western Washington University with minors in Math, Astronomy, and Honors, as well as an Associate of Science in Life Sciences from Seattle Central College. Her research interests include the structures of planetary interiors, the potential habitability of icy moons and exoplanets, and high-pressure mineral physics, particularly exotic phases of water ice. These interests have resulted from a lifelong curiosity about large-scale planetary systems and space sciences in general (especially the intersections between these topics). She looks forward to refining her focus during graduate school and contributing to interdisciplinary projects through the UW astrobiology program. In her free time, she enjoys doing amateur astronomy, reading science fiction novels, and spending time outdoors.

Jane Keth – *Chemical Engineering*

University of Washington

Althea Stroum Endowment (34th)



Jane received a bachelor's degree from the University of New Mexico. In her undergraduate career, Jane gained a wide range of professional and research experience working in the Organic Materials Science division at Sandia National Laboratories, where she characterized materials using nuclear magnetic resonance spectroscopy techniques. Her motivation for attending graduate school at the University of Washington comes from wanting to tackle emerging engineering challenges related to sustainable research. In her free time, Jane enjoys climbing, hiking, and photography.

**Mitch Kluesner – MD/PhD - Molecular and Cellular Biology
University of Washington**

Washington Research Foundation ARCS Endowed Fellowship (137th)



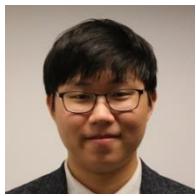
Mitch received a bachelor's degree in Biochemistry and Neuroscience from the University of Minnesota. Mitch's motivation to pursue a career as a physician-scientist largely stems from his experience of losing his best friend to a rare bone cancer, osteosarcoma, while in high school. Mitch's past research

experiences include designing immune stimulating small molecule drugs, genetic engineering to enhance T cell based immunotherapies, developing a suite of bioinformatic tools to aid researchers in genetic engineering, and public health research into text messaging health system in Uganda to provide health literacy and care to pregnant persons in rural settings. Following completion of his MD/PhD training, Mitch aims to do a residency in pediatric or adult internal medicine, followed by a hematology-oncology fellowship. His long term goals are to see patients with cancer, as well as lead a research laboratory investigating the biology of his patient's conditions while developing improved therapies. Beyond research and medicine, Mitch loves to cook, mushroom hunt, spend time outside, make music, and travel back home to Minneapolis to see his friends and family.

Yongjun (Joseph) Kwon – Chemical Engineering

Washington State University

WSU Vice Provost for Graduate and Professional Education



Joseph received his undergraduate and Master of Philosophy degrees from the Hong Kong University of Science and Technology. His interest in mitigating the ozone hole sparked his curiosity about global warming and the potential solutions to this environmental issue. In Professor Minhua Shao's lab, Joseph

synthesized thermal catalysts to increase the production of butanol from ethanol and tested electrocatalysts with a polymer coating to discover reaction pathways for carbon reduction. His research focuses on the synthesis of electrocatalysts that react with carbon dioxide to produce higher-value products like ethanol and ethylene. His passion for understanding and discovering new solutions to this topic is what motivates him to pursue a Ph.D. Joseph enjoys hiking, biking, and playing games with his friends and family.

Medina Lamkin – *Computer Science and Engineering*
University of Washington

Virginia M. Dickenson Memorial ARCS Endowment (9th)



Medina received a bachelor's degree in Computer Science from Portland State University. As an undergraduate student, she worked on a machine learning project which inspired her to pursue a career in research. Following her graduation, she decided to explore different areas of research.

Through her work at the Oregon Health and Science University, she discovered how effective data visualization was at communicating research results across different fields. This has led to her decision to pursue a PhD in computer science to study the development and improvement of data visualization tools and resources. After obtaining her PhD, Medina hopes to become a professor and design interactive data visualization tools to engage students in STEM education. In her free time, Medina enjoys relaxing with her two cats, gardening, and crocheting.

Chloe Leach – *Immunology and Infectious Diseases*
Washington State University

Janis Mercker



Chloe received a bachelor's degree in biochemistry from Smith College. She has researched novel drug treatment for lymphatic filariasis, and from this work has gained an increasing fascination with infectious disease research and drug development. Chloe looks forward to learning more about the pathogenesis of infectious diseases at WSU in the

hopes to gain more insight into possible treatment methods. She hopes to continue drug development research in an industrial setting by examining the mechanisms pathogens employ to survive. Chloe loves to spend her free time playing guitar and exploring local nature.

Kate LeBlanc – MD/PhD - Molecular and Cellular Biology

University of Washington

Keith & Mary Kay McCaw Family Foundation ARCS Endowed Fellowship (19th)



Kate received a bachelor's degree in Biology and a master's degree in Bioengineering from Stanford University. Her fascination with the brain started in high school, when she was lucky enough to work in a laboratory studying alcohol use disorders and circadian rhythms. She has had a wide variety of other neuroscience research experiences but was ultimately drawn to Alzheimer's disease as the focus of her graduate work. Kate is passionate about taking insights from the clinic and the lives of patients into the laboratory and vice versa. She is in the Molecular and Cellular Biology Program and works in the Kraemer Lab at UW where she studies the effects of pathological tau in *C. elegans*. Upon completing her MD/PhD, Kate hopes to work in academics as a physician scientist, splitting her time between the clinic and the laboratory. When not looking at *C. elegans* in the microscope, Kate enjoys snowshoeing, hanging out with her classmates, and visiting the octopus at the Seattle Aquarium.

Casmali Lopez – Mathematics

University of Washington

Walker Family ARCS Endowment (13th)



Casmali received a bachelor's degree in Mathematics from Colorado College. He is interested in using pure mathematical approaches to solve real world problems related to algebraic optimization and graph theory. He has done work in pseudo-random generators, ensemble analysis, mathematical biology, mathematical economics, and is passionate about this type of interdisciplinary mathematical work. In the future Casmali hopes to continue doing research in mathematics either in industry or within academics. Casmali is a Dark Water Paddler, a member of the Chumash Inter-Tribal Singers, a member of Syuxtun Plant Mentorship Collective, and a subsistence Hunter.

Nancy MacKenzie – *Neuroscience*

University of Washington

John W. and Elaine A. Zevenbergen, Sr. ARCS Endowment (36th)



Nancy received a bachelor's degree in Biomedical Physics and a minor in Neuroscience from Portland State University. A chronic illness led her to explore neuroscience, where she became interested in the neural mechanisms underlying everyday experience. In her undergraduate research, Nancy used machine learning to

study information processing in artificial systems. In her graduate work, she aims to use computational models to understand how spatial and temporal relationships in neural networks give rise to information processing in the brain. She is also excited to explore experimental design to ground her theoretical models in biology. After graduating, Nancy plans to continue in research, leading and collaborating with others to unfold principles of information processing. Nancy enjoys anything explorative or creative in her free time, from foraging and trail running, to cooking and painting.

Taydin Macron – *Entomology*

Washington State University

Zevenbergen Captial Investments (35th)



Taydin received bachelor's degrees in both Physics and Philosophy from Loyola Marymount University in the summer of 2021. His post-undergraduate career in clinical research coupled with a preexisting love of insects fueled his decision to pursue a PhD in Entomology. At WSU, he will be studying the stability of

pollinator health for commercial agriculture, and his research aims include detailing the intricate relationships between growers, beekeepers, and honeybees along with exploring novel methods to better pollinator health within the industry. Taydin is eager to work with pollinators as well as conduct research contributing to sustainable agricultural practices. After completing his degree, he plans to either complete a post doc or work within commercial bee keeping. In his free time, Taydin enjoys reading, writing poetry, and camping.

Alyssa Maine – *Immunology and Infectious Diseases*

Washington State University

Alicia and Jeff Carnevali in Honor of Sophia R. Carnevali (3rd)



Alyssa received her B.S. in Biology from Evangel University and M.S. in Applied Ecology and Conservation Biology from Frostburg State University. A self-described Renaissance woman, Alyssa enjoys learning new skills and has worked in a variety of positions including optometric technician, Microbiology lab assistant, veterinary technician, phlebotomist, field research technician and Immunological research assistant. Her research interests include vector-borne diseases, specifically tick-borne disease. She appreciates the interdisciplinary approach to this particular field to tackle the issue of vector-borne disease using a One Health approach. Specifically, she is interested in the variation of how microbes interact with different species or individuals to cause disease in some but not others. She believes understanding these interactions can help prevent or treat disease to ultimately decrease suffering. Her goal is to have a career in academia as a researcher and professor. Outside of academics and work Alyssa enjoys outdoor activities with her beagle Ranger, weightlifting, spending time in local coffee shops, and baking.

Gygeria Manuel – *MD/PhD - Molecular and Cellular Biology*

University of Washington

Chisholm Foundation Fellowship (15th)



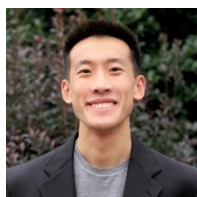
Gygeria received her bachelor's degree in Biochemistry from Spelman College, Summa Cum Laude. Her passion for research started in high school and persisted through many diverse undergraduate projects, including the investigation of the link between Alzheimer's Diseases and Type 2 Diabetes and Induction of Vascular Progenitor Cells from Endothelial Cells. She is a student in the Morehouse School of Medicine (MD) and UW (PhD) combined MD/PhD program. Her research interests include maternal- fetal health, specifically preterm birth and fetal injury related to Group B Streptococcus. She is passionate about understanding the host and immune factors that contribute to the progression of an invasive infection compared to those that are resolved, and hopes to determine the major factors to help develop therapeutics for preterm birth caused by infectious disease. She plans to become a devoted physician-scientist who changes medicine by performing clinical and translational research that predominantly affects underserved communities. She loves traveling, workout classes, going to concerts and spending time with her family and friends.

Kaylie McCracken – *Chemistry*
Washington State University
WSU Pullman Chancellor



Kaylie received an interdisciplinary bachelor's degree in chemistry-Environmental Studies from Whitman College in Walla Walla, WA. She conducted research that examined the kinetic pathways of nickel uptake in thin films, and she continued this work the year after graduation as a full-time researcher. Kaylie decided to attend graduate school to further her knowledge of chemistry and learn advanced analytical techniques. She is starting work with the Moreau Group this fall, where she will have the opportunity to work on a project that can benefit environmental remediation applications in radiochemistry. Kaylie loves being outdoors and loves to ski, hike, and camping with family and friends.

Eric Mei – *Atmospheric Sciences*
University of Washington
Rosa Ayer ARCS Endowment (11th)



Eric holds both a bachelor's and a master's degree in Environmental Engineering from the Georgia Institute of Technology. During his master's thesis research on air quality, he developed a curiosity with broader questions regarding atmospheric composition. This interest led him to his current research project at the University of Washington, where he aims to investigate the various factors influencing the emissions and decay of atmospheric methane in the past and modern atmosphere. Through this research experience, Eric hopes to gain valuable expertise for a career using satellite measurements and machine learning techniques to examine changes in atmospheric composition relevant for climate and air quality. In his free time, Eric finds joy in rock climbing, and as an amateur runner, he is thrilled to have relocated to Seattle.

Bria Metzger – *Molecular and Cellular Biology*

University of Washington

Tina & Karl Neiders (4th)



Bria received her bachelor's degree with dual honors in Biology and Nonfiction English Writing from Brown University. Bria's early fascination for the ocean brought her to the Marine Biological Laboratory in Woods Hole, where she joined the lab of Dr. Duygu Özpölat studying germline regeneration in marine annelids. Bria moved with the lab to Washington University in St. Louis and wrapped up her work on how a master hormone system coordinates regeneration with the rest of the life cycle. She hopes that continued research into development and regeneration will make regenerative medicine an accessible, everyday reality that transforms our quality of life and care. Outside of the lab, Bria writes science fiction and fantasy novels, and enjoys taking photos of ice with her treasured macro lens.

Angela Montemayor – *Computer Science and Engineering*

University of Washington

Vicki & Gary Glant ARCS Endowed Fellowship (11th)



Angela received both a bachelor's degree and a master's degree in Computer Science at Stanford University. She is largely interested in networked systems and performance, specifically within the context of large-scale cloud computing. At Stanford, her work mainly focused on functional operating systems and how determinism can fundamentally change the way users interact with their cloud providers. At UW, she is looking forward to joining the Center for the Future of Cloud Infrastructure (FOCI), with an emphasis in reducing carbon emissions in data centers and developing the next generation of cloud systems. As a Latina, she is passionate about encouraging fellow Latinos to pursue higher education, particularly graduate school. In her free time, she enjoys crocheting, exercising, and spending time with her family.

Peter (Wes) Maughan – *Crop & Soil Science*

Washington State University

Cassa Hanon (2nd) with ARCS Foundation



Wes received two bachelor's degrees from Brigham Young University, B.S. in Landscape Management and B.A. Portuguese Studies; as well as a M.S. in Plant Science from Utah State University. For Wes, early classes in crop pest management and plant health diagnostics soon developed into graduate research in invasive plant management. His research at Utah State University sought to further develop herbicide-based strategies for restoring degraded rangelands from invasive annual grasses. Currently, as a graduate student at WSU, he hopes to further his invasive plant science skills in the agricultural environment. He is passionate about working towards increasing plant growth and production, whether those be in wildland or farmland settings, and hopes to run a lab of his own in the near future. Wes loves fishing, writing, and spending time with his kids.

Manali Nayak – *Atmospheric Sciences*

University of Washington

Becky & Jack Benaroya ARCS Endowed Fellowship (18th)



Manali received a bachelor's degree in Physics from The Ohio State University in 2023. As an undergraduate, she pursued research opportunities in climate modeling and physical oceanography as they allowed her to apply her knowledge of physics to an interdisciplinary field with problems relevant to current times. As a graduate student at the Department of Atmospheric Sciences at UW, Manali aims to gain a better understanding of questions in large scale climate dynamics, such as what sets patterns of global sea-surface temperature and how these patterns affect the atmosphere. Aside from research, Manali enjoys teaching and K-12 outreach, and aspires to have a career as a university professor. In her free time, she likes to read, do yoga, and go on long walks along scenic trails.

Caitlin Ottaway – Neuroscience

Washington State University

Loch Anderson & Allyn Perkins Second ARCS Endowment (7th)



Caitlin Ottaway was born and raised in Bellevue, Washington, after which she earned her bachelor's degrees in neuroscience and psychology at Washington State University. She worked in human and animal research labs during her undergraduate degree and was a member of the Students Targeted Towards Advanced Research Studies program. She is specifically interested in continuing her neuroscience education by studying different disorders and influences related to neurological, psychiatric, and developmental disorders. In Caitlin's free time, she enjoys working on mental health advocacy, spending time with her friends and family, kayaking, swimming, and doing art projects.

Karina Pastrana – Molecular Biosciences

Washington State University

Washington Research Foundation (134th)



Karina received a Bachelor of Science in cell and molecular biology from San Diego State University. Her research interests lie in immunology and regenerative medicine. As an undergraduate, she worked in a microbiology lab where she studied the gut microbiome of patients with inflammatory bowel disease. Afterward, she completed an internship at the University of California, San Diego where she used induced pluripotent stem cells (iPSCs) to study nonalcoholic fatty liver disease. Karina refined her research interests to include research projects with translational potential. She is passionate about using research to uncover the molecular mechanisms of disease and aspires to become a senior scientist in the industry. Her dream is to contribute to the development of therapeutics for some of the major pressing health issues we face today. In her free time, Karina enjoys spending time with her loved ones, traveling, hiking, and camping.

Sean Perez – *Genome Sciences*

University of Washington

Candice Rosenberg Peterson ARCS Endowed Fellowship (17th)



Sean received a bachelor's degree in Biology from Pomona College with an interdisciplinary focus on Mathematics. Throughout his research career, Sean has investigated bioinformatic applications to clinical and environmental research and aims to find overlap in future conservation genomics research. He is also passionate about community health, inclusivity, and education, and hopes to pursue a career in academia as a professor with the intention of creating engaging and encouraging classroom and lab spaces. Outside of the lab, Sean is passionate about sharing music, watching movies, and exploring the outdoors.

Pip Petersen – *Astronomy*

University of Washington

ARCS Foundation Seattle Chapter



Pip earned two bachelor's degrees in Astronomy & Astrophysics and Mathematics from Pennsylvania State University and a master's degree in Physics from Case Western Reserve University. He has done research at the intersection of quantum physics and cosmology, studied the shape of the universe, and will study the interaction of galaxies with their environments at UW. Pip comes from a family of artists, which has shaped his scientific pursuits and communication goals. He hopes to become a professor in Astrophysics with an emphasis on science communication. His long term dream is to become an astronaut. Pip grew up in NYC and Philadelphia, and spends his time rock climbing, collecting decks of cards, and playing board games. He hopes to learn to ski after moving to the West Coast.

Morris Richardson III – *Aeronautics and Astronautics*
University of Washington

Micki E. and Robert J. Flowers ARCS Endowed Fellowship (10th)



Morris earned his master's degree in Mechanical Engineering from Kettering University while simultaneously working at Johns Manville's Research and Development Center, where he conducted advanced materials and structures research and was awarded two multi-national patents as the sole inventor. In his professional career, Morris has gained extensive professional, scientific, and research experience in various areas, such as advanced materials modeling and development, structural design for extreme environments, large-scale technology deployment, advanced manufacturing methods, and research program management. His research interests include developing hybrid adaptive structures, fuel cell technology, smart materials, and novel computational methods. Morris is enthusiastic about promoting philosophical stewardship in engineering and leveraging his expertise to drive technological advancement toward a world where all living things can benefit from technological innovation. Outside of work, Morris enjoys spending time in nature, volunteering, practicing meditation, and supporting his family and community.

Clare Riley – *Chemistry*
Washington State University

ARCS Foundation Seattle Chapter

Clare received Bachelor's in both Chemistry and Vocal Performance from Pacific University. She has always been fascinated with the makeup



of the objects that form the foundation of our world and universe. To this end, her prospective research is in inorganic chemistry, possibly in geochemistry or planetary geochemistry. She plans to continue in this vein in the future as a researcher. She is a musician, singing and playing the violin. She also enjoys knitting, sewing, and making origami. She also enjoys hiking and sailing. In her spare time, she fosters cats.

Gabriel Rodriguez – *Aeronautics and Astronautics*
University of Washington

Dorothy Lewis Simpson ARCS Endowment (19th)



Gabriel received a Mechanical Engineering degree from Florida International University. He has always had a fascination for space and the hidden mysteries of the universe. His research interests lie in space propulsion, in particular, innovative and advanced methods or techniques such as fusion propulsion.

Gabriel has hopes of becoming an astronaut in the future to further humanity's advance into space and the stars beyond. He recently worked as an Intern at NASA's Goddard Institute for Space Studies, developing a data driven climate game designed to teach current and future generations about climate change and how our decisions have lasting impacts - both good and bad. In his free time, Gabriel loves to program and create games, as well as play them!

Amanda Rokicky – *Biology*
University of Washington

Jeff & Jana Foushée Family ARCS Endowment (5th)



Amanda received a Honours Bachelor of Science degree as a Lester B. Pearson International Scholar from the University of Toronto (Major in Genome Biology; Major in Ecology and Evolutionary Biology; Minor in Contemporary Asian Studies). Throughout her education, she has had the opportunity to conduct research in genetics/genomics at the University of Toronto, ecology at the Koffler Scientific

Reserve, and paleobotany at the Cleveland Museum of Natural History. Even though Amanda is interested in all aspects of biology, she is especially intrigued by research on aging. At the University of Washington, Amanda plans on using genomics/genetics, along with behavioral and molecular methods, to understand aging, senescence, and death in cephalopods and bees. Amanda seeks to continue researching to achieve her goal of becoming a research professor. In her free time, Amanda can be found outdoors hiking and climbing, or indoors fencing and reading.

Annabelle Souza – Pathobiology

University of Washington

Melissa and Eric Jones



Annabelle graduated from the University of Central Florida with a bachelor's degree in Biology and a minor in Music, specializing in the violin. Her academic focus has been on genomics, particularly in host-pathogen interactions and viral replication. Annabelle gained valuable research experience in Dr.

Britt Glaunsinger's lab at UC Berkeley, where she studied Kaposi's sarcoma-associated herpesvirus. As a graduate student in the UW Pathobiology program, she is driven by a strong commitment to advancing scientific knowledge, specifically in understanding the evolution and mechanisms of viral replication. Annabelle is also passionate about empowering women in STEM fields and actively seeks opportunities to mentor aspiring scientists. In her free time, Annabelle enjoys playing with her cat, Venus, playing music, and just playing in general.

Mary Steele – Plant Pathology

Washington State University

Alice Gautsch Foreman (1st) with Missy and Kurt Zumwalt (2nd)



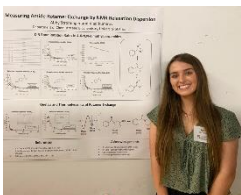
Mary received a bachelor's degree in biology and a master's degree in agriculture from Cal Poly, San Luis Obispo, CA. She has always been passionate and curious about how life, plants and microorganisms in particular, operate, and has found an intensely practical side of this through agriculture. Plant pathology has allowed Mary to

ask complex questions about plant-microbe interactions that have crucial applications to our food supply. At Cal Poly she researched soilborne pathogens of strawberries, and at WSU she will be researching gray mold of blueberries. She is excited to apply her plant pathology knowledge to climate-smart agricultural practices. Outside of the lab, Mary loves to be outdoors. She especially enjoys hiking, camping, and mountain biking.

Abby Strominger – Chemistry

University of Washington

Mark A. Jones ARCS Endowed Fellowship (6th)

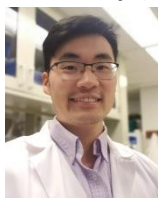


Abby received a bachelor's degree in Chemistry from University of Arizona and an Associate's of Science from Highland Community College. In her professional career, Abby participated in a wide variety of research including computational chemistry, plant composition research, and nuclear magnetic resonance (NMR) method development. She took a great interest in protein NMR spectroscopy following her graduation from the University of Arizona. Her interest in this field of research motivated her to pursue further education in protein spectroscopy research. She plans to research electron paramagnetic resonance (EPR) spectroscopy methods of in cell protein structure determination during her time in graduate school. Abby aspires to build a career in the field of biophysics using spectroscopy to further her knowledge in protein structure and dynamics. In her free time, Abby enjoys hiking, weightlifting, and traveling.

Derrick Tang – Oral Health Sciences

University of Washington

Keith & Mary Kay McCaw Family Foundation ARCS Endowed Fellowship (20th)



Derrick received a master's degree in Computer Science and a bachelor's degree in Neuroscience from the University of Chicago. He has worked on a wide array of projects in both dry and wet labs including neural signal decoding, cancer biology, neurotrauma, generative language models, and blood bank donations. These projects often involve large data sets and utilize machine learning techniques to more effectively answer research questions. At UW, Derrick hopes to combine computational and biological methods to solve problems in neurodegenerative disease research, especially Alzheimer's. He is passionate about free inquiry, philosophy, and fitness. He skis and gardens in his free time.

Justin Thomas – MD/PhD - Molecular and Cellular Biology
University of Washington

Michael & Marti Young ARCS Endowment (3rd)



Justin Thomas is currently an MD/PhD student in the combined University of Washington/Morehouse School of Medicine Medical Scientist Training Program (MSTP). His research experience spans 10 years of training in the areas of hematology, developmental biology, and molecular biology. As a stem cell biologist, he has explored how pluripotent stem cells can be utilized to model hematopoietic development and hemoglobinopathies. He has also studied the use of various gene therapy vectors as therapeutic delivery agents to alleviate the pathophysiology of hematopoietic disorders. His clinical scholarship interest is in how identity plays a role in the interactions of patients within the health care system. Justin's ultimate career goal is to pursue an academic career as a physician-scientist hoping to study how stem cell identity impacts functionality and can be manipulated to produce better therapies for patients. In his free time, Justin enjoys trying out new bakeries and cafes in the Seattle area.

Rebecca Villa – Pathobiology
University of Washington

Carlyn & George Steiner ARCS Endowment (12th)

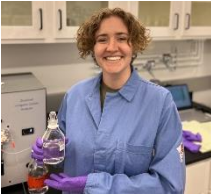


Rebecca received bachelor's degrees in Biology and in Anthropology from Grinnell College and a master's degree in Epidemiology with a Certificate in Emerging Infectious Diseases from the University of Iowa. Rebecca is passionate about the intersection between science and social justice and believes that UW's interdisciplinary Pathobiology program is the perfect place to advance this passion into meaningful infectious disease research. She plans to focus specifically on researching Mycobacterium tuberculosis where she can work towards developing a vaccine, treatment, or diagnostic test to help address this disease's global burden. She hopes to become an advocate for the global eradication of tuberculosis disease throughout her future career as a public health researcher and scholar. In her free time, Rebecca enjoys running and competing in track and field.

Stevie Walker – *Oceanography*

University of Washington

Kristin N. Kenefick & Nancy P. Norberg ARCS Endowment (4th)



Stevie received a bachelor's degree in Environmental Geoscience from Boston College. During their undergraduate studies, Stevie became engrossed in the intersection of oceanography and climate science. Stevie began working with global climate models as an intern at NOAA, and published a first-author paper developing temperature and salinity projections for Puget Sound. This experience confirmed Stevie's interest in pursuing a career conducting climate change-relevant research. They are interested in the ocean's role in the climate and how biogeochemical processes contribute to carbon sequestration. Stevie wants to advance their data analysis and machine learning skills in graduate school, and they plan to use autonomous sensors and global climate models to research the biological carbon pump. In their free time, Stevie enjoys biking, climbing, hiking, and playing the guitar.

Olivia Waltner – *Genome Sciences*

University of Washington

Nancy & John Zevenbergen ARCS Endowment (37th)



Olivia received a bachelor's degree in Biology from Whitman College. She has always been fascinated with complex cellular networks like the immune system. Her desire for an advanced degree stems from her drive to have more technical (computer science, genomics) skills and the ability to drive cutting edge research. She currently works at Fred Hutch Cancer Center in Dr. Scott Furlan's lab. She specializes in collaborative, single cell analyses that address important topics in pediatric cancer and immunotherapy. The experience she has thus far have given her applied computational skills that can translate to meaningful, clinical research. Olivia loves thrifting, running, playing pool, and her cat.

**Amelia Wilhelm – MD/PhD - Molecular and Cellular Biology
University of Washington**

Julie Tall ARCS Endowed Fellowship (8th)



Amelia received a bachelor's degree in Chemistry from Bates College in Lewiston, Maine. She previously worked with Dr. Lindsey George at the Children's Hospital of Philadelphia studying gene therapy for the treatment of hemophilia A, where she became interested in novel gene and cell-based therapies. She

is pursuing her PhD in Dr. Shivani Srivastava's lab at the Fred Hutch Cancer Center, and her research interests currently lie in better understanding the basic biology of engineered T cells and current limitations to cell-based therapies for the treatment of solid tumors. She is additionally interested in the immunological implications of pregnancy. After her training is complete, Amelia hopes to balance her time in the clinic and in her lab as a physician-scientist with an emphasis on mentorship. In her free time, Amelia enjoys ceramics, hanging out with her two cats, and enjoying the beauty of Seattle.

**Riku Yasutomi – MD/PhD – Genome Sciences
University of Washington**

Eve and Chap Alvord (26th)



Riku received his bachelor's degree in Molecular and Cell Biology from the University of California, Berkeley. Through his childhood fascination with insects and fish, Riku became interested in how animals form and grow throughout life. At Berkeley, he was introduced to fruit fly genetics and studied development and

regeneration in the Hariharan Lab. Riku is currently interested in developing and applying new tools to quantitatively study developmental processes. In the Moens and Trapnell Labs, he studies the mechanisms of vertebrate brain development using genomic, statistical, and genetic methods in Zebrafish embryos. He aspires to train as a physician-scientist to apply methods and insights from basic developmental biology to better understand and confront illness. Outside of lab, Riku spends his time cycling, skiing, and fishing.

**Brayden Young – *Immunology and Infectious Diseases*
Washington State University**

Jenny and Scott Wyatt (4th) with Debbi and John Wilson (4th)



Brayden received a Bachelor of Science in Microbiology from San Diego State University. Inspired by his love for science podcasts and non-fiction novels, he seeks to understand the vast world of viruses. Brayden aims to enter this research field alongside the faculty and viral research community at Washington State University. His current research investigates the host-parasite interactions between *Trichomonas vaginalis* and the female reproductive tract. This research, alongside his health and community history, motivates him to better understand immunology and how infectious disease impacts human health. Brayden aims to become a professional researcher and aspires to become a professor of biology. Outside of academia, Brayden is a rugby player, a long-distance runner, and a video game coder.

SECOND YEAR SCHOLARS

**Mark Andrade – UW MD/PhD - *Molecular & Cellular Biology*
Washington Research Foundation (131st)**

**Ky Aryeh – UW *Pharmaceutics*
Krissy & Mark Grey**

**Freddy Barragan – UW *Biostatistics*
Bill & Melinda Gates Foundation ARCS Endowment (4th)**

**Shiven Bhardwaj – UW *Health Economics & Outcomes Research*
Candice Rosenberg Peterson ARCS Endowment (16th)**

**Christina Bjarvin – UW *Environmental & Forest Sciences*
Elizabeth and Johnathan Roberts (3rd)**

**Becca Blyn – UW *Pathobiology*
Kristin N. Kenefick ARCS Endowment (2nd)**

**Cassidy Burke – UW MD/PhD - *Neuroscience*
Lisa & Jim Koch**

**Emily Callen – UW *Health Economics & Outcomes Research*
Vicki & Gary Glant ARCS Endowment (10th)**

**Caleb Carr – UW MD/PhD - *Genome Sciences*
Lynn Pigott Mowe (4th)**

**Hannah Cook – WSU *Entomology*
Jeff & Jana Foushée Family ARCS Endowment, Second (3rd)**

**Cameron Coyle – WSU *Veterinary Microbiology & Pathology*
Eve & Chap Alvord (24th)**

**Samantha Dilday – WSU *Entomology*
ARCS Seattle Chapter**

**Augusta Finzel – WSU *Molecular Plant Sciences*
Pendleton & Elisabeth Carey Miller Foundation (8th)**

**Kailie Franco – WSU *Veterinary Microbiology & Pathology*
Rick & Jacque Doane ARCS Endowment (6th)**

**Anthony Garcia – UW *Biology*
Gladys Harrington in honor of Eve Alvord ARCS Endowment (24th)**

**Antonio Glenn – UW *Computer Science & Engineering*
Dooley-Short ARCS Endowment (5th)**

**Siena Glenn – WSU *Veterinary Microbiology and Pathology*
Mani Barrier (7th)**

**Angela Gonzalez – UW *Environmental & Forest Sciences*
Cheryl & David Hadley (4th)**

**Mathew Heaney – WSU *Chemistry*
ARCS Seattle Chapter**

**Tia Hoisington – WSU *School of Molecular Biosciences*
Zevenbergen Capital Investments (33rd)**

**Joshua Grady Holder – UW *Aeronautics & Astronautics*
MAC Consortium ARCS Endowment (8th)**

**Julisa Juarez – UW *Chemistry*
Mark A. Jones ARCS Endowment (5th)**

**J Harris Kahn – UW *Quantitative Ecology & Resource Management*
Winifred & Peter Hussey (4th)**

**Iris Kern – UW *Oceanography*
Oceanus ARCS Endowment (8th)**

**Caroline Kikawa – UW *MD/PhD - Genome Sciences*
Kathleen & Richard Gary (2nd)**

**Lucy Zhao Li – UW *MD/PhD - Molecular & Cellular Biology*
Keith & Mary Kay McCaw Family Foundation ARCS Endowment (17th)**

**Kaitlynn Lilly – UW *Applied Mathematics*
Becky & Jack Benaroya ARCS Endowment (17th)**

Yilda Macias – UW *Epidemiology*
ARCS Seattle Chapter in honor of Jeff Eby

Paul Martinez – WSU *Crop and Soil Sciences*
Ronald and Darlene Howell ARCS Endowment, WSU (1st)

Haley Masterson – WSU *Veterinary Microbiology and Pathology*
Jim & Trish Rogers ARCS Endowment (7th)

Shirley Mathur – UW *Statistics*
William & Ruth Gerberding ARCS Endowment (12th)

Jenna McHale – UW *Nursing Science*
**Pamela H. & Donald W. Mitchell & ARCS Endowment in Nursing
Science, Second (6th)**

Patrick Monreal – UW *Oceanography*
Fairway Fund ARCS Endowment (8th)

Raul Moreno – UW *Atmospheric Sciences*
Nancy Mee & Dennis Evans (4th)

Monika Perez – UW *Genome Sciences*
Washington Research Foundation (130th)

Nick Petty – UW *MD/PhD - Molecular & Cellular Biology*
Oliver W. Press ARCS Endowment (2nd)

Vyom Raval – UW *MD/PhD - Neuroscience*
Keith & Mary Kay McCaw Family Foundation ARCS Endowment (18th)

Larissa Jean Etta Robinson-Cooper – UW *Neuroscience*
Kitti & Bill Lile (3rd)

Kellen Rodriguez – UW *Computer Science & Engineering*
John W. & Elaine N. Zevenbergen ARCS Endowment (34th)

Joelle Scott – UW *Chemical Engineering*
Luciana Simoncini & Todd Scheuer (2nd)

J. S. Silviria – UW *Earth & Space Sciences*
Mary Dunnam (6th)

Chad Small – UW Atmospheric Sciences
Micki E. & Robert J. Flowers ARCS Endowment (9th)

Meg Southard – WSU *Neuroscience*
Washington Research Foundation (128th)

Ella Spurlock – UW *Chemistry*
Nicole A. Boand ARCS Endowment (5th)

Aymee Dale Steidl – UW *Nursing Science*
Pamela H. & Donald W. Mitchell ARCS Endowment in Nursing Science (7th)

Natalie Sturm – WSU *Crop & Soil Sciences*
Washington Research Foundation (129th)

Kirsten Thompson – UW MD/PhD - *Molecular & Cellular Biology*
Washington Research Foundation ARCS Endowment (132nd)

Robert Trujillo – UW *Biostatistics*
Ronald & Darlene Howell ARCS Endowment, UW (1st)

Marita White – WSU *Molecular Plant Sciences*
ARCS Seattle Chapter

Lauren Wilner – UW *Epidemiology*
Charles & Delphine Stevens Family Fndtn ARCS Endowment (2nd)

Naomi Yamamoto – UW MD/PhD - *Molecular & Cellular Biology*
Julie Tall ARCS Endowment (7th)

Jina Yoon – UW *Computer Science & Engineering*
Margaret Breen & Stewart Landefeld (4th)

THIRD YEAR SCHOLARS

**Nicole Aikin – UW *Earth & Space Sciences*
Terry David Keegan Memorial (3rd)**

**Kaylee Andrews – WSU *Veterinary Microbiology & Pathology*
Lynn & Mikal Thomsen (18th)**

**Kaylie Barton – WSU *School of Molecular Biosciences*
Loch Anderson Allyn Perkins (6th)**

**Sophie Blackburn – UW *MD/PhD - Bioengineering*
Washington Research Foundation (123rd)**

**Kimberly Brinker – UW *Nursing Science*
Bobbie & Richard Berkowitz ARCS Endowment in Nursing Science**

**Lauren Brown – UW *Chemistry*
Virginia M. Dickenson Memorial ARCS Endowment (8th)**

**Samuel Buckner – UW *Aeronautics & Astronautics*
MAC Consortium ARCS Endowment (7th)**

**Kristen Bullough – WSU *Plant Pathology*
Aven Foundation (6th)**

**Ellie Byrnes – UW *Applied Mathematics*
Diane and Kirby McDonald**

**Nathan Cheung – UW *Mathematics*
Dorothy Lewis Simpson ARCS Endowment (18th)**

**Tracy Chin – UW *Mathematics*
Althea Stroum ARCS Endowment (33rd)**

**Ron Dickerson – UW *Health Economics & Outcomes Research*
ARCS Seattle Chapter in Honor of Cindy & Stan Freimuth**

**Evan Domsic – WSU *Crop and Soil Sciences*
Lyndi & Bob Taylor (3rd) with ARCS Foundation**

Laurel Doyle – UW *Applied Mathematics*
Chisholm Foundation Second ARCS Endowment (14th)

Steven Edmonds – WSU *Veterinary Microbiology and Pathology*
Catherine Mee (5th)

Neljon Emlaw – UW *Atmospheric Sciences*
Alden Garrett and Charles Eriksen

Zac Espinosa – UW *Atmospheric Sciences*
Sally & John Morbeck (2nd) with Erin Moyer & Jason Barber

Sydney Floryanzia – UW *Chemical Engineering*
Washington Research Foundation (124th)

Alexander Galarraga – UW *Mathematics*
ARCS Foundation Seattle Chapter

Sam Garza – UW *Astronomy*
Nancy P. & Douglas E. Norberg ARCS Endowment (5th)

Kelly Heard – UW *Molecular & Cellular Biology*
Keith & Mary Kay McCaw Family Foundation ARCS Endowment (16th)

Liban Hussein – UW *Electrical & Computer Engineering*
Susan & William Potts ARCS Endowment (4th)

Daniel Jiang – UW *Computer Science & Engineering*
Walker Family ARCS Endowment (12th)

Tae Jones – UW *Computer Science & Engineering*
ARCS Light in Honor of Carmen Gayton

Laurel Kelnhofner-Millevolte – UW *MD/PhD - Molecular & Cellular Biology*
Susan Jobs with Gail Ransom (2nd)

Aaleyah Lewis – UW *Computer Science & Engineering*
Washington Research Foundation (125th)

Chris Lin – UW *Computer Science & Engineering*
Lisa & Mike Losh ARCS Endowment (7th)

Colin Marquis – UW *Materials Science & Engineering*
PACCAR Inc. (8th)

Kyra McClelland – UW *Biology*
ARCS Seattle in Honor of Mary Kay McCaw

Turtle McCloskey-Potter – UW *Environmental & Forest Sciences*
Camille & Jim Uhlir ARCS Endowment (16th)

Siegen McKellar – UW *MD/PhD - Molecular & Cellular Biology*
Zevenbergen Capital Investments LLC (32nd)

Kirsten Meltesen – UW *Biology*
ARCS Foundation Seattle Chapter

Emily Miura-Stempel – UW *Chemistry*
Andrea Ellison Hess (5th)

Andrew Mullen – UW *MD/PhD - Computer Science & Engineering*
Keith & Mary Kay McCaw Family Foundation ARCS Endowment (14th)

Anna Okounkova – UW *Physics*
Chisholm Foundation ARCS Endowment (13th)

Miguel Paredes – UW *MD/PhD - Epidemiology*
Kerr Family

Kyra Parker – WSU *Neuroscience*
Karen Cameron

James Peng – UW *Biostatistics*
Kristin N. Kenefick & Nancy P. Norberg ARCS Endowment (3rd)

Alyxandria “Danny” Powell – WSU *Veterinary Microbiology & Pathology*

Marcia McGreevy Lewis (4th) with Connie Niva (3rd)

Molly Sayles – WSU *Entomology*
Karyl & Elias Alvord (5th)

Jordan Shaker – UW *MD/PhD - Neuroscience*
Keith & Mary Kay McCaw Family Foundation ARCS Endowment (15th)

**Jeremiah Sims – UW MD/PhD - Molecular & Cellular Biology
Rhea & Clark Coler with ARCS Foundation**

**Camille Wagstaff – WSU Molecular Plant Sciences
Floyd Rogers Memorial (2nd)**

**Terrance Wang – UW Aquatic & Fishery Sciences
Polly & Andrew Kenefick with ARCS Foundation**

**Ashley Warren – WSU Veterinary Microbiology & Pathology
Kathleen & Brooks Simpson (4th)**

**Leigh West – UW Biology
Vicki J. & Thomas W. Griffin in Honor of Paige & Griffin Thoreson
ARCS Endowment (8th)**

**Alexandra Willcox – UW MD/PhD - Molecular & Cellular Biology
Carlyn & George Steiner ARCS Endowment (11th)**

**Natalie Yaw – WSU Chemistry
Washington Research Foundation (127th)**