This WSU News megamail is in honor of mathematician and computer scientist Donald Gomulkiewicz, whose 1984 WSU Honors graduation marked the beginning of a military career that enabled his impact research through the U.S. Air Force, particularly in population genetics and non-linear dynamical systems. Gomulkiewicz was appointed Honors Distinguished Professor from 2018 to 2021, and is currently appointed as an Honors Faculty Fellow for 2022-2023.

### Dick Gomulkiewicz

Dick Gomulkiewicz is a professor and the associate director for graduate studies in the School of Biological Sciences. He researches on mathematical biology, theoretical population genetics, and evolutionary biology. Gomulkiewicz was appointed Honors Distinguished Professor from 2018 to 2021, and is currently appointed as an Honors Faculty Fellow for 2022-2023.

Gomulkiewicz attended his research leading to the publication of his 2021 paper “Evading resistance to gene drives” in the prominent journal *Proceedings of the National Academy of Sciences*. The study was co-authored by Honors College students Mackenzie Schillinger and James Bull. The paper was featured in *The New York Times*, *Time*, *Science News*, *Science Daily*, and *Nature*.

Evolutionary Applications, entitled “Gene drive escape from resistance toward a general gene drive design.” The first author of that study is current Honors College sophomore Forest Cook. Since 2019, Gomulkiewicz has taught a course in the Honors College on how science works, which focuses on both the logical, psychological, historical, and social aspects of science. He holds an Honors Distinguished Professorship, and he is currently appointed as an Honors Faculty Fellow from 2018 to 2021, and is currently appointed as an Honors Faculty Fellow for 2022-2023.

### Lisa Guerrero

Lisa Guerrero is a professor in the Department of English, the School of Languages, Literature, and Cultural Studies in the College of Arts and Sciences. She researches on race in literature and the media. She was appointed as an Honors Faculty Fellow in 2019, and she has mentored and funded research by several Honors College students. Guerrero also serves in the provost’s office as associate vice provost for equity and inclusive excellence, where she played a pivotal role in the Washington State University President’s Task Force on Contemporary Issues of Social Justice.

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### Owen Canterbury

Owen Canterbury was a doctoral candidate in the Department of Plant Pathology at Washington State University. He received a prestigious Fulbright fellowship in 2021 to conduct research in biochemistry at Germany’s Heidelberg University. While in Germany, Owen will investigate the mechanisms involved in bacterial pathogenesis, focusing on the interaction between the plant pathogen Candidatus Liberibacter asiaticus (Ca. L asiaticus) and its host, citrus trees. His research will contribute to our understanding of the complex relationship between the pathogen and its host, which is crucial for developing strategies to control this devastating disease.

Owen began his research on citrus late blight disease during his undergraduate studies at the University of North Carolina-Chapel Hill. Early in his undergraduate career, Owen got involved in research working with Michael Varnum, an associate professor in Integrative Physiology and Neurosciences in the College of Medicine. Among the research projects Owen worked on at the Varnum lab was the study of the impact of alcohol metabolism on heart rate variability as a potential risk indicator for cardiovascular diseases. This paper was co-authored by Honors College students Mackenzie Schillinger and James Bull. The paper was featured in *The New York Times*, *Time*, *Science News*, *Science Daily*, and *Nature*. This research was presented at the 2021 annual meeting of the Society for Neuroscience in Vancouver, British Columbia.

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### Go Cougs!

**Save the Date**

- **V.N. Bhatia Lecture**
  - Featuring: Michelle Ybarra
  - Sunday, March 4, 2022
- **Honors College Commencement**
  - Friday, May 6, 2022
- **Honors College Convocation**
  - Friday, December 9, 2022

**Distinguished Scholarships**

- **Fulbright Scholarship**
- **Candidat Liberibacter asiaticus**
- **Biochemistry**
- **Coastal Carolina University**
- **The Next 100**
- **Five Reasons to be an Honors Student**
Family Helps Shape the Honors Community

Honors Members of the first MIRA cohort develop and participate in a research career.

- Learning to work independently
- Having tolerance for obstacles

Some of those students were the first cohort in our recently funded ESTEEMED program. They will do lab rotations with any of 30 participating faculty members who have received a total of 129 grants from the National Institutes of Health (NIH) since 2015. The students chose to be part of the Honors College. The WSU program, which was launched in 2004 with funding from the National Science Foundation, is made possible by a collaboration between WSU and the local community. The program offers participants the opportunity to work with some of the nation's leading mentors in multiple disciplines and is designed to provide research opportunities for many of our students. The program offers an opportunity for students to gain experience in research and to develop skills that will be valuable in their future careers. The students have the opportunity to work with some of the nation's leading mentors in multiple disciplines and are provided with the opportunity to conduct research and to develop skills that will be valuable in their future careers. The students have the opportunity to work with some of the nation's leading mentors in multiple disciplines and are provided with the opportunity to conduct research and to develop skills that will be valuable in their future careers.

Applications are now open to incoming students. The program offers participants the opportunity to work with some of the nation's leading mentors in multiple disciplines and is designed to provide research opportunities for many of our students. The program offers an opportunity for students to gain experience in research and to develop skills that will be valuable in their future careers.

Alumni Reflections

The Herzog Family

The Herzog Family has been a part of our community for generations. They are active in our community and have made many great friends and connections during our time here.

What Does Honors Mean to You? Sibling Edition:

Olivia Hayden

Brookside '21

A huge thank you to our students who participate in the Honors College. The college is a great place for students to grow, learn, and develop as individuals. Our campus is a vibrant and diverse community, and we are proud to be a part of it.

Linda Infranco, CFRE, Senior Director of Development

As always with alumni throughout the world, we always encourage you to bring your students to our campuses and get involved with the community. Our staff is here to help you make the most of your experience at WSU. We are proud to be a part of the WSU community and look forward to seeing you soon!