ONIS Newsletter Vol. 3, no. 1 (September 1, 2021)

The ONIS newsletter is a semi-monthly record of news concerning applications for nationally and internationally competitive scholarships, primarily for undergraduates and primarily for the Twin Cities campus of the University of Minnesota. If you would like to have a copy emailed directly to you, please send a request to natschol@umn.edu. Follow ONIS on Twitter (@natscholUMTC) for the latest news and updates.

Celebrations:

ESPM major Karly Beaumont was selected as one of 125 Ernest Hollings Scholars by the National Oceanic and Atmospheric Administration (NOAA) and was awarded Honorable Mention by the Udall Foundation in its undergraduate scholarship selection. The junior Honors student is a member of the Environmental Student Association and the Institute on the Environment Leaders Program, and she is Co-Leader and Outreach Coordinator for Students for Climate Justice. In the latter role she persuaded MSA to pass referenda on divestment from fossil fuels and declaration of a climate emergency. She has also conducted field research in the Boundary Waters Canoe Area on the impact of sulfide-ore mining on the watershed and on the presence of microplastics in lakes. She plans to complete a law degree and work for environmental justice.

The Hollings Scholarship is awarded to sophomores who demonstrate leadership, public service and academic accomplishment and who plan to have careers related to the mission of NOAA. Recipients are awarded up to $9500 for both their junior and senior year as well as a paid internship with NOAA for the summer in between.

Math and Physics major Sauviz Alaei and Aerospace Engineering major Nathan Pharis have been awarded Astronaut Scholarships for 2021-22. Sauviz been working for two years in the condensed matter physics lab of Professor Dan Dahlberg. In his first project there, Sauviz created an apparatus to measure the frequency response of a new magnetostrictive material developed in the lab and will publish the results in a forthcoming issue of the Journal of Applied Physics. Nathan has been active in several projects in aerospace research, primarily working with Professors Graham Candler and James Flaten on employing high-altitude balloons to
measure particulates in the stratosphere. As project lead creating a payload for NASA’s High Altitude Student Platform, he assessed innovative techniques for collecting samples from the low-density air in the upper atmosphere, and he has been the primary developer of the control systems to maneuver balloons and execute data gathering. He plans to complete a PhD in Aerospace Control Systems and would like to help develop interplanetary navigation systems.

**Scholarship Deadlines for 2021-22:**

- **Fulbright U.S. Student Program** (Seniors and grads: Full support for a year of research, study, or teaching English abroad): August 26 (campus), October 12 (national)

- **Schwarzman Scholarship** (Seniors and grads: Full support for one year of study at Tsinghua University in Beijing): September 22 (national)

- **Knight-Hennessey Scholarship** (Seniors and grads: Full support for a graduate program at Stanford University): October 6 (national)

- **Gates-Cambridge Scholarship** (Seniors and grads: Full support for a graduate program at Cambridge University): October 13 (national—US citizens), December 1 (national—non-US citizens)

State Department awards to encourage women and students from other groups underrepresented in the Foreign Service to prepare for careers in international relations. They all include two summer paid internships.
**Rangel Scholarship** (Seniors: Up to $42,000/year to support a two-year graduate degree in preparation for a career in the Foreign Service): September 29 (national)

**Pickering Fellowship** (Seniors: Up to $42,000/year to support a two-year graduate degree in preparation for a career in the Foreign Service): September 21 (national)

**Payne Fellowship** (Seniors and grads: Up to $48,000/year to support a two-year graduate degree in preparation for a career in International Affairs): November 1 (national, EXPECTED)

**Foreign Affairs IT Fellowship** (Sophomores or Seniors/grads: Up to $37,500/year to support two years of undergraduate or graduate education leading to an IT degree in preparation of a career in information management with the Foreign Service): February 12 (national, EXPECTED)

**Hertz Fellowship** (Seniors and grads: Up to $250,000 for five years of graduate study in a STEM field): October 29 (national)

**PPIA Junior Summer Institute** (Juniors: All expenses of an academic summer program at one of five graduate schools of public affairs + $5000 graduate scholarship): November 1 (national)

**National Science Foundation Graduate Research Fellowship** (Seniors and grads: $34,000/year for three years of graduate study in a STEM field or STEM education): October 18-22 (national)

**National Defense Science and Engineering Graduate Fellowship** (Seniors and grads: Full tuition plus $38,500/year for three years of graduate study in fields of science and engineering of interest to the Department of Defense): November 1 (national)

**DAAD Study Scholarship** (Seniors and grads: Full support for a one or two-year Master’s degree at a German University): November 4 (national)

**Yenching Scholarship** (Seniors and grads: Full support for a Master’s degree in China Studies at Peking University): November 1 (campus), December 3 (national)

**Critical Language Scholarship** (Students: Fully-funded 10-week study of a critical language in a foreign country): November 16 (national)

**DAAD RISE Internship** (Sophomores and juniors: Summer research internships in STEM fields in Germany): December 15 (national)

**Goldwater Scholarship** (Sophomores and juniors: $7500 toward undergraduate educational expenses for future STEM researchers): November 21 (campus), January 28 (national)
James Gaither Fellowship (Seniors: One year research internship with the Carnegie Endowment for Peace): December 3 (campus), January 15 (national)

Boren Scholarship/Fellowship (Students: Up to $30,000 toward expenses of language-focused study abroad): January 3 (campus), January 26/February 2 (national)

Beinecke Scholarship (Juniors: $34,000 for graduate education in the Arts, Humanities and Social Sciences): January 13 (campus), February 9 (national)

Hollings Scholarship (Sophomores: $19,000 toward two years of undergraduate expenses + a paid internship with NOAA): January 31 (national)

Astronaut Scholarship (Sophomores and juniors: $10,000 toward undergraduate educational expenses for future STEM researchers): February 14 (campus)

Udall Scholarship: (Sophomores and juniors: $7500 toward undergraduate expenses for students working to solve environmental challenges or serve the policy and health care interests of Native American communities): January 31 (campus), March 1 (national)

Truman Scholarships: (Sophomores: $30,000 toward graduate education for students committed to public service): April 1 (campus)

Rhodes, Marshall and Churchill Scholarships: (Juniors, Seniors and grads: Full support for 1-3 years of graduate study at Oxford, Cambridge or other British universities): April 1 (campus)