Applications for the 2022 ASSIP program are now open. If you know a student who may be interested, please share this opportunity and encourage them to apply.

ASSIP 2022 Session:
Join Mason’s Interdisciplinary Program in Neuroscience for a free screening of the documentary and discussion with panelists from IPN, LGBTQ+ Faculty/Staff Alliance, and Disability Services at Mason.

Free Screening: Oliver Sacks: His Own Life
February 2, 2022 | 4:30 to 7:30 p.m. | Johnson Center Cinema

Climate Action Plan Townhall
January 28, 2022 | Noon to 1:30 p.m. | Virtual

#FacultyFriday
This week’s #FacultyFriday highlights SSB and neuroscientist Nadine Kabbani, Associate Professor, Neuroscience. This course fulfills the Mason Core Natural Science Non-Lab requirement - if you know of any seats available for Kabbani’s NEUR 101: Intro to Neuroscience, take part in the first of a five-part series of “skill shops” that hone the skills for holding difficult conversations featured in “Crucial Conversations: Tools for Talking” to achieve more positive and constructive results.

Excellence in Research Awards
Mason will recognize outstanding faculty with the expanded Excellence awards.
Submit nominations for the Presidential Awards for Faculty Excellence, the Cherry Award, and the AOES Distinguished University Professor of the Year Award.

#TragedyInScience
Today we mourn the loss of two giants in science and conservation, Thomas Lovejoy and E.O. Wilson.

In happier news, the National Oceanic and Atmospheric Administration’s (NOAA) Air Resources Laboratory’s wind-blown dust emission model had improved dramatically since its inception in 2013.

Tong is the creator of the original FENGSHA model. Impending dust storms are forecasted to update the FENGSHA wind-blown dust emission model resulting in more accurate predictions of the time, location, and magnitude of dust transport. In 2013, the model was validated across the United States, Canada, and Mexico.

As the new semester begins, we are coming off a winter break that offered at least some moments of rest and joy. If you were able to get some much-needed downtime, you begin the new year and the 2022-2023 academic year ready to take on the challenges ahead.

Although we just experienced a very difficult year, one with many changes. The Delta and Omicron variants of COVID-19 continue to disrupt our lives and we continue to endure the pain of loss. In 2021 our Mason community experienced the loss of two giants in science and conservation, Thomas Lovejoy and E.O. Wilson.

As we enter the new year, let’s honor these incredible scientists by increasing our commitment to environmental causes while inspiring and enthusiastically educating the next generation of scientists.

### IN THE NEWS

- **Exploring Jupiter’s moons for signs of life**
  - The European Space Agency will soon send JUICE, or Jupiter Icy Moons Explorer, on a mission to monitor the Jupiter Icy Moons Explorer, on a mission to monitor Jupiter’s moons for signs of life. Spacecraft will help scientists understand the origin and evolution of the solar system. The mission will study the composition of the icy moons in more detail.

- **The search continues for signs of life on Jupiter’s moons**
  - The search continues for signs of life on Jupiter’s moons. The Jupiter Icy Moons Explorer mission will study the composition of the icy moons in more detail.

- **A. Alonso Aguirre: 1937-2021**
  - J. Christopher R. Bearden, professor of physics and astronomy and professor of planetary science at the Department of Physics and Astronomy, has compiled a list of A. Alonso Aguirre’s contributions to science. Aguirre was the co-founder of the Astrophysics Sciences Program at the University of Virginia in 1964, where he served as its first associate director. He continued to serve in that role until 1979 when he became the associate director of the Center for Astrophysics and Space Sciences.

- **Read ESPs tribute**
  - When Stakes Are High.” To register for skill shop event, go on the skills for holding difficult conversations featured in “Crucial Conversations: Tools for Talking” to achieve more positive and constructive results.

- **Submit a nomination**
  - Mason will recognize outstanding faculty with the expanded Excellence awards.

- **Submit nominations for the Presidential Awards for Faculty Excellence, the Cherry Award, and the AOES Distinguished University Professor of the Year Award.**

- **FENGSHA**
  - T. Daniel Tong and his colleagues. His loss is felt world-wide, with tributes appearing in countless graduate students, researchers, and faculty colleagues. His loss is felt world-wide, with tributes appearing in countless graduate students, researchers, and faculty colleagues. Tong is the creator of the original FENGSHA model. Impending dust storms are forecasted to update the FENGSHA wind-blown dust emission model resulting in more accurate predictions of the time, location, and magnitude of dust transport. In 2013, the model was validated across the United States, Canada, and Mexico.

- **Lee Talbot**
  - Lee Talbot, Professor, Department of Physics and Astronomy was named a Distinguished University Professor of the Year. Talbot is the founding Scientific Director of the AOES. He is renowned for his contributions to the field of atmospheric science.

- **Read the College of Science’s latest annual report**
  - TheCollege of Science’s latest annual report highlights the work of our faculty and students.

- **Submit nominations for the Presidential Awards for Faculty Excellence, the Cherry Award, and the AOES Distinguished University Professor of the Year Award.**

- **Read ESPs tribute**
  - When Stakes Are High.” To register for skill shop event, go on the skills for holding difficult conversations featured in “Crucial Conversations: Tools for Talking” to achieve more positive and constructive results.

- **Submit a nomination**
  - Mason will recognize outstanding faculty with the expanded Excellence awards.

- **Submit nominations for the Presidential Awards for Faculty Excellence, the Cherry Award, and the AOES Distinguished University Professor of the Year Award.**

- **FENGSHA**
  - T. Daniel Tong and his colleagues. His loss is felt world-wide, with tributes appearing in countless graduate students, researchers, and faculty colleagues. Tong is the creator of the original FENGSHA model. Impending dust storms are forecasted to update the FENGSHA wind-blown dust emission model resulting in more accurate predictions of the time, location, and magnitude of dust transport. In 2013, the model was validated across the United States, Canada, and Mexico.

- **Lee Talbot**
  - Lee Talbot, Professor, Department of Physics and Astronomy was named a Distinguished University Professor of the Year. Talbot is the founding Scientific Director of the AOES. He is renowned for his contributions to the field of atmospheric science.

- **Read the College of Science’s latest annual report**
  - TheCollege of Science’s latest annual report highlights the work of our faculty and students.

- **Submit nominations for the Presidential Awards for Faculty Excellence, the Cherry Award, and the AOES Distinguished University Professor of the Year Award.**

- **Read ESPs tribute**
  - When Stakes Are High.” To register for skill shop event, go on the skills for holding difficult conversations featured in “Crucial Conversations: Tools for Talking” to achieve more positive and constructive results.

- **Submit a nomination**
  - Mason will recognize outstanding faculty with the expanded Excellence awards.

- **Submit nominations for the Presidential Awards for Faculty Excellence, the Cherry Award, and the AOES Distinguished University Professor of the Year Award.**

- **FENGSHA**
  - T. Daniel Tong and his colleagues. His loss is felt world-wide, with tributes appearing in countless graduate students, researchers, and faculty colleagues. Tong is the creator of theoriginal FENGSHA model. Impending dust storms are forecasted to update the FENGSHA wind-blown dust emission model resulting in more accurate predictions of the time, location, and magnitude of dust transport. In 2013, the model was validated across the United States, Canada, and Mexico.