

College of Arts and Sciences

Faculty Achievements: Awards/Honors

Radhika Atit, Professor, Department of Biology

Principal investigator, five-year National Institutes of Health R01 award for \$2.6 million to study the role of fat cells as a new player in skin fibrosis. This grant is in collaboration with Dr. Valerie Horsley at Yale University.

Awarded two-year National Institutes of Health R21 award for \$275,000 to study the role of mechanotaxis in the expansion of skull bones to cover the head. This grant is in collaboration with Dr. Sevan Hopyan at Hospital for Sick Children in Toronto.

Hillel Chiel, Professor, Department of Biology and Peter Thomas, Professor, Department of Mathematics, Applied Mathematics and Statistics

Professor Chiel and Professor Thomas have been awarded a five-year National Institutes of Health R01 award for \$3.2 million, in collaboration with Dr. Jack Byrne (University of Texas Health Science Center in Houston, principal investigator), Dr. Elizabeth Cropper and Dr. Klaudiusz Weiss (Mt. Sinai Medical Center in New York), Dr. Avraham Susswein (Bar Ilan University in Israel), and Dr. Cynthia Chestek (University of Michigan in Ann Arbor). Part of the NIH BRAIN initiative's targeted BRAIN Circuits Project, the research project combines neural network and biomechanical modeling, intracellular recording, and voltage-sensitive-dye based large-scale recording techniques, in order to analyze functional connectomes and their combinatoric control of behavior, and how local plasticity and global dynamics mediate feeding behavior, in a small brain system, specifically that of the marine mollusk *Aplysia californica*.

Cassi Pittman Claytor, Climo Junior Professor; Acting Co-Director of African & African American Studies Minor, Department of Sociology

Recognized as 1 of 100 people Transforming Business by [*Business Insider*](#).

Georgia Cowart, Professor, Department of Music, Interim Chair, Department of English

Elected to Honorary Membership, Society for Seventeenth-Century Music, for [outstanding achievement and contributions to the study and presentation of 17th-century music](#).

Professor Cowart is one of 12 individuals so designated since the Society was founded in 1992. In receiving the membership, Cowart was cited for the “virtuoso performances” of her books and articles on the intersections of the arts, aesthetics, culture and politics, and for her mentorship and service to the profession.

Kevin Inouye, Assistant Professor, Department of Theater

Awarded Visiting Artist Fellowship support from the Association of Theatre Movement Educators to assist in bringing a guest artist to Case Western Reserve University (virtually).

Lydia Kisley, Warren E. Rupp Assistant Professor, Department of Physics

Received Notice of Award, American Chemical Society Petroleum Research Fund, “Single molecule imaging of catalysis in complex petroleum environments,” \$110,000. Grant will support research from 2021-2023.

Scialog Fellow, Chemical Machinery of the Cell. Fellowship supported by the Research Corporation for Science Advancement (RCSA) and the Gordon and Betty Moore Foundation.

Harsh Mathur, Professor, Department of Physics

Elected Fellow of the American Physical Society. The fellowship program began in 1921 and recognizes members of the American Physical Society who have made advances in physics through original research and publication.

Pavel Fileviez Perez, Associate Professor, Department of Physics

Elected member of the [Sigma Xi](#) Scientific Research Honor Society. The Sigma Xi foundation members are elected to membership based on their research achievements and potential. Sigma Xi is an international, multi-disciplinary community of science and engineering professionals dedicated to research excellence, to promoting public engagement with science, and to fostering the next generation of researchers.

