## NIH DIRECTOR'S

## WEDNESDAY AFTERNOON LECTURE SERIES 2023-2024

2:00 p.m.-3:00 p.m. Lipsett Amphitheater Building 10

FALL 2023 -



**SEPTEMBER 13, 2023** William E. Paul Lecture Diane Mathis Thymic Mimetic Cells: Tolerogenic Masqueraders



**SEPTEMBER 20, 2023** G. Burroughs Mider Lecture **Dale Sandler Prospective Cohort Studies for** Environmental Health Research



SPRING

2024 -

MARCH 6, 2024 **Beth Shapiro** A History of the North American Buffalo in Three Acts



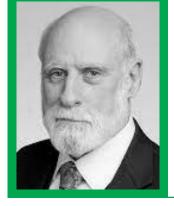
MARCH 13, 2024 **Wendell Lim** Generative Biology: Learning to **Program Cellular Machines** 



SEPTEMBER 27, 2023 **Heran Darwin** The Aldehyde Hypothesis



OCTOBER 18, 2023 Zhijian "James" Chen The Dark Side of DNA - How the Immune System Senses DNA as a Danger Signal



MARCH 19, 2024 J. Edward Rall Cultural Lecture **Vincent Cerf** The Promise and Perils of Al in Biomedical Research and Healthcare Delivery \*Masur Auditorium, 1:30-2:30 p.m.



MARCH 20, 2024 **Christopher A. Walsh** You Contain Multitudes: Somatic Mutation and Genomic Diversity in Human Brain



OCTOBER 25, 2023 **Nancy Moran** The Lives of Bacteria Inside Insects



NOVEMBER 1, 2023 Astute Clinician Lecture **Cynthia L. Sears** Sleuthing the Microbiome Reveals Undercover Agents of Oncogenesis



MARCH 21, 2024 Lin He Transposons, a Selfish Friend in Mammalian Preimplantation Development \*Thursday Lecture



APRIL 3, 2024 NIH Director's Lecture Phyllis C. Zee Dynamic Interplay of Circadian Rhythms and Sleep on Health



NOVEMBER 8, 2023 DeWitt Stetten Jr. Lecture **Ryland Young** The Great Escape: Phage Lysis and Its Control



**NOVEMBER 15, 2023 Frank Lin** Hearing Loss & Dementia: From Epidemiological Insights to the **ACHIEVE Trial and Public Policy** in the U.S.



APRIL 10, 2024 **Chrisitian Happi** Genomic Surveillance and Characterization of Microbial Threats Facilitates Early Detection and Containment of Disease Outbreaks in West Africa



APRIL 16, 2024 NIH Director's Lecture Jennifer A. Doudna The Future of CRISPR: What's Ahead for Genome Editing \*Location - Masur Auditorium



NOVEMBER 29, 2023 Marshall W. Nirenberg Lecture **Erich D. Jarvis** The Neurobiology and Evolution of Vocal Learning and Spoken Language



APRIL 17, 2024 **Debra Moser** Cardiovascular Disease Disparities in Rural America: Can This House of Cards Be Saved?

MAY 1, 2024

**Jenny Tung** 

The Social Genome in

Nonhuman Primates



APRIL 24, 2024 C. Noel Bairey-Merz Not Your Father's Heart Disease: The 'Herstory' and the NHLBI WISE







**JANUARY 17, 2024** NIH Director's Lecture **David Hemenway** Reducing Firearm Violence:

A Public Health Approach



MAY 15, 2024 Robert S. Gordon Jr. Lecture **Leonard E. Egede** Racism, Social Determinants,



MAY 8, 2024 Florence Mahoney Lecture on Aging **Jennifer J. Manly** From Policies to pTau: Exposing Social and Structural Drivers of Alzheimer's Disease and Opportunities for Brain Health Justice



JANUARY 31, 2024 **Richard Tsien** Leveraging genetics and cell signaling to decipher disorders of excitability

**Neuron-Glial Interactions** 

Health and Disease: From

Cognition to Cancer



FEBRUARY 7, 2024 Nancy J. Cox Prioritizing Genetics to Reduce **Existing Health Disparities** 



Addressing Health Disparities in Diabetes: Intersection of Structural and Racial/Ethnic Disparities



MAY 22, 2024 **Maria Rosario** (Happy) Araneta Type 2 Diabetes Among Asian-Americans: Elevated Prevalence and Novel Risk Factors



FEBRUARY 21, 2024 **Laura Niedernhofer** 

Tale of Two Cities:

or Geroscience?

Disease Based Research



FEBRUARY 28, 2024 Rolla E. Dyer Lecture **Stacy Shultz-Cherry** Influenza Pathogenesis and

Therapeutics in Vulnerable

**Populations** 



SUMMER

2024

JUNE 5, 2024 **Jonathan Weissman** CRISPR-based Single Cell Approaches for Mapping Gene Function and Tumor Evolution



George Khoury Lecture **Susan Weiss** Coronavirus Activation and Antagonism of Innate Immune Pathways

MAY 29, 2024



JUNE 12, 2024 Benjamin A. Garcia Quantitative Proteomics for Understanding Mechanisms in Human Disease



JUNE 26, 2024 Margaret Pittman Lecture **Carolyn Bertozzi** Bioorthogonal Chemistry, the Journey from Basic Science to Clinical Translation



