New Council Members

• Amy Rosenzweig, Ph.D.
  Professor
  Departments of Chemistry and Molecular Biosciences
  Northwestern University

• Melanie Sanford, Ph.D.
  Professor
  Department of Chemistry
  University of Michigan

• Danielle Li, Ph.D.
  Associate Professor
  Technology, Innovation, Entrepreneurship, and Strategy Group
  Massachusetts Institute of Technology
  Sloan School of Management
Early-Career Investigator Ad Hoc Council Participants

- Cecilia P. Chung, M.D., M.P.H
  Associate Professor
  Department of Rheumatology and Immunology
  Vanderbilt University Medical Center

- Brian Munsky, Ph.D.
  Assistant Professor
  Department of Chemical and Biological Engineering
  Colorado State University
Reassignments

• Darren Sledjeski, Ph.D., Deputy Director, Division of Extramural Activities

• Sailaja Koduri, Ph.D., Program Director, Division of Pharmacology, Physiology, and Biological Chemistry

• Linda Sarden, Staff Assistant, Division of Extramural Activities
Promotions

• Michele McGuirl, Ph.D., Chief, Research Advancement Programs Branch, Division for Research Capacity Building

• Krishan Arora, Ph.D., Chief, Networks and Development Programs Branch, Division for Research Capacity Building

• Clau Gonzalez, Ph.D., Chief, Management Analysis and Policy Section, Division of Management

• Darlene Lee, Chief, Business Policy and Operations Section, Division of Management
New Hires

• **Ronald Adkins, Ph.D.**, Program Director, Division of Genetics and Molecular, Cellular, and Developmental Biology

• **Robert Coyne, Ph.D.**, Program Director, Division of Genetics and Molecular, Cellular, and Developmental Biology
Departures

• Anna Calcagno, Ph.D., Scientific Data Analyst, Division of Data Integration, Modeling, and Analytics (move to NLM)
• J. Rafael “Raffy” Gorospé, M.D., Ph.D., Medical Officer, Division for Research Capacity Building (move to OD/DPCPSI)
• Mercedes Rubio, Ph.D., Program Director, Division of Training, Workforce Development, and Diversity (move to NCATS)
• Amanda Melillo, Ph.D., Program Director, Division of Genetics and Molecular, Cellular, and Developmental Biology (move to NIDCR)
• Alisa Machalek, M.S., Science Writer, Communications and Public Liaison Branch (move to NIAMS)
NIH Appointment

John J. Ngai, Ph.D.

- Director of NIH’s Brain Research through Advancing Innovative Neurotechnologies (BRAIN) Initiative
- Long-time professor of neuroscience in the Department of Molecular and Cell Biology at the University of California, Berkeley
- Ph.D. in biology from California Institute of Technology
- Joined NIH in March
NIH Has Announced a Variety of Administrative Flexibilities

- Can pay trainees and staff while in stay-at-home status
- Can donate PPE and other supplies
- Late applications accepted (NOT-OD-20-09 and NOT-GM-20-029)
- ESI, K99, fellowship eligibility can be extended – ask!
- Prior approval waivers & reporting extensions (NOT-OD-20-086)
- More!

Visit this page and check back often for updates!

NIGMS Urgent Competitive Revision Supplements for COVID-19 Research

• Infectious disease modeling research
  ○ Including incorporation of modeling of economic impact

• Repurposing of developmental therapeutics or diagnostics originally targeted at other indications (SBIR/STTR only)

NOT-GM-20-025
NOT-GM-20-027
MIDAS Coordination Center

- Coordinates and facilitates infectious disease modeling research
- Provides access to curated data sets, models, algorithms, code, parameters, and cloud computing services
- Serves as point of contact for public health agencies
- MIDAS network currently has nearly 400 members funded by NIH, NSF and other U.S. and international organizations

https://midasnetwork.us
Critical Need for Modeling Research: Better Access to Data

• Individual-level data
• Also, e.g., policy, demographic, geographic, & mobility data
• Needs to be as close to real-time as possible
• These are the “known unknowns”
• There are also unknown unknowns, which is why modeling research is essential
#NIGMSVirtualLearning: Trainee Webinars

- Series of 8 webinars held throughout May 2020 for students, postdocs, and faculty
- Range of biomedical and career development topics

https://www.nigms.nih.gov/News/meetings/Pages/webinars-for-trainees.aspx
#NIGMSVirtualLearning: Training Resources

- Training resources for scientists at all career stages (undergraduate through faculty)
  - NIGMS Resources
    - [https://www.nigms.nih.gov/research-training/resources](https://www.nigms.nih.gov/research-training/resources)
    - Lab safety and training (NEW!)
    - Training modules on rigor and reproducibility
  - iBiology, [https://www.ibiology.org](https://www.ibiology.org)
  - National Research Mentoring Network (NRMN), [https://nrmnet.net](https://nrmnet.net)
  - Postdoc Academy, [https://www.postdocacademy.org](https://www.postdocacademy.org)
#NIGMSVirtualLearning: STEM Resources

• K-12 science education materials for parents, teachers, students, and others
  
  o NIGMS Science Education Materials
  
  o Pathways (collaboration with Scholastic)
  
  o NIGMS Pinterest Boards (NEW!)
    https://www.pinterest.com/nigms
  
  o SEPA Teaching Resources (Funded by NIGMS)
    https://www.nigms.nih.gov/education/sepa-teaching-resources
MIDAS Student Reporting Labs Video

- PBS NewsHour student reporter Maddie Marks interviewed epidemiologist Dr. Wilbert Van Panhuis on the MIDAS network and infectious disease modeling
- Shared on social media as part of our #NIGMSVirtualLearning promotion

https://www.youtube.com/watch?v=p0kkcTDGSik
Increase in the Number of Funded PIs

![Graph showing the increase in the number of funded PIs over fiscal years 2008 to 2019. The graph compares the number of awardees, PIs seeking funding, and the cumulative investigator rate.]

- **Awardees**
- **PIs seeking funding**
- **Cumulative Investigator Rate**

**Fiscal Year**


**Cumulative Investigator Rate**

0%, 10%, 20%, 30%, 40%, 50%

**Number of Investigators**

0, 1000, 2000, 3000, 4000, 5000, 6000, 7000, 8000, 9000, 10000, 11000, 12000
NIGMS RPG Success Rate Was Over 30%
Record Number of ESIs Funded

Number of ESI Awardees

Fiscal Year


Competing NIGMS R01/R35/DP2 Awardees
NIGMS Strategic Planning

• Summary of key outcomes from the 2015-2020 strategic plan was circulated to Council and will be made available on NIGMS’ website

• A draft framework for the 2021-2025 NIGMS strategic plan was also circulated to Council

• The draft framework plus a Request for Information (RFI) will be released for public comment in the next few weeks

• Council input and RFI results will be used to refine the framework and develop a full draft of the strategic plan
Questions & Comments