



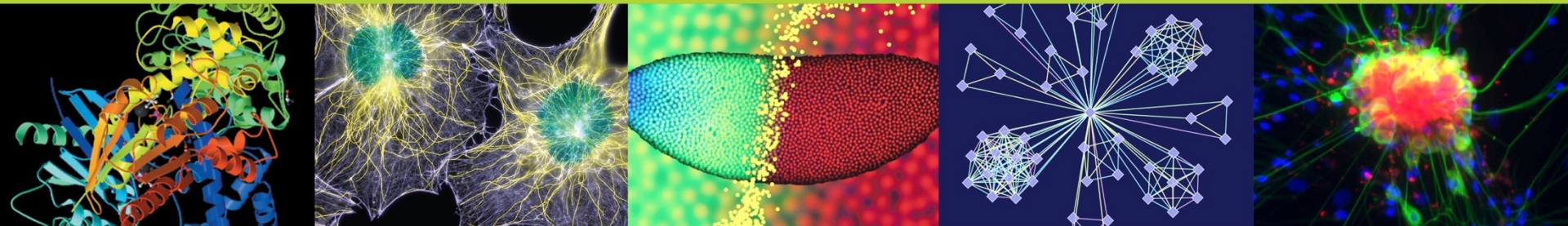
National Institute of
General Medical Sciences



National Advisory General Medical Sciences Council

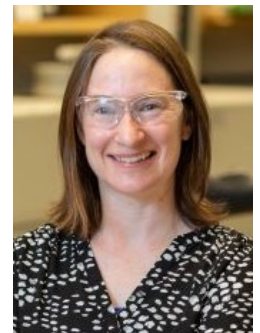
May 21, 2020

Jon R. Lorsch, Ph.D., Director
National Institute of General Medical Sciences



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



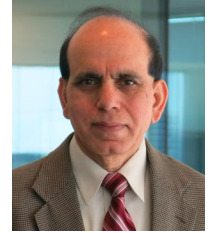
Reassignments

- **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

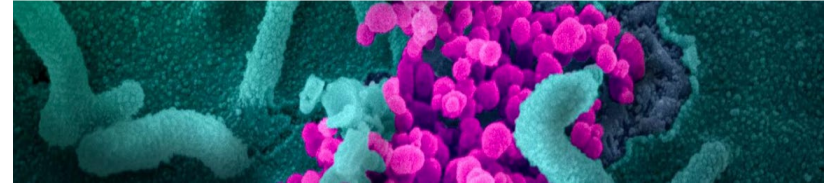
John J. Ngai, Ph.D.

- 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

CORONAVIRUS DISEASE 2019 (COVID-19)
Information for Applicants and Recipients



- 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!

<https://grants.nih.gov/policy/natural-disasters/corona-virus.htm>

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



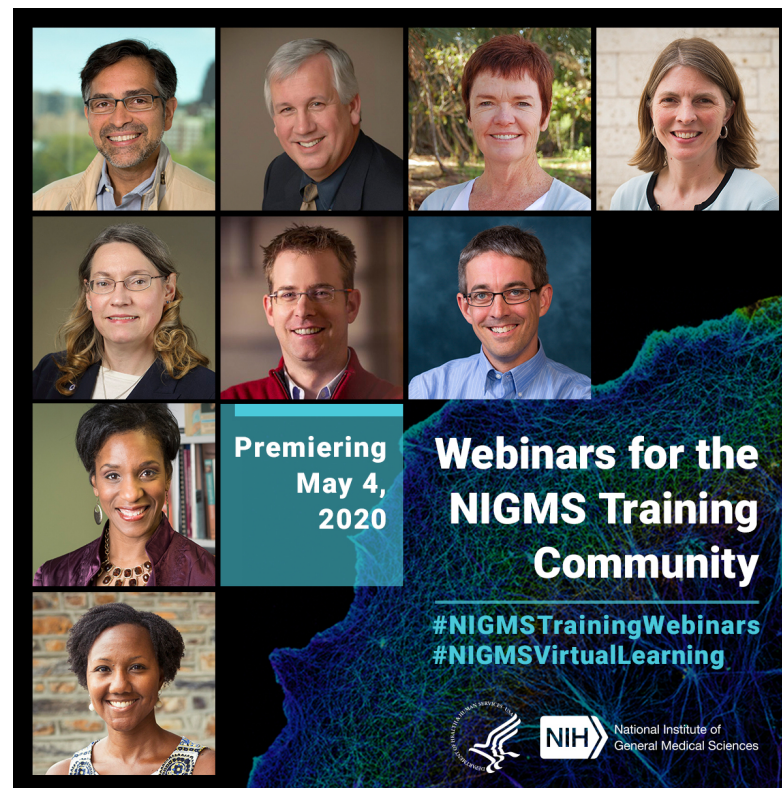
- Coordinates and facilitates infectious disease modeling research
- Provides access to curated data sets, models, algorithms, code, parameters, and cloud computing services
- Serves as point of contact for public health agencies
- MIDAS network currently has nearly 400 members funded by NIH, NSF and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

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>

- Lab safety and training (NEW!)
- Training modules on rigor and reproducibility

- iBiology, <https://www.ibiology.org>



- National Research Mentoring Network (NRMN), <https://nrmnet.net>



- Postdoc Academy, <https://www.postdocacademy.org>



#NIGMSVirtualLearning: STEM Resources

- **K-12 science education materials for parents, teachers, students, and others**

- NIGMS Science Education Materials

<https://www.nigms.nih.gov/science-education>

- *Pathways* (collaboration with Scholastic)

<https://www.nigms.nih.gov/education/pathways>

- NIGMS Pinterest Boards (NEW!)

<https://www.pinterest.com/nigms>

- SEPA Teaching Resources (Funded by NIGMS)

<https://www.nigms.nih.gov/education/sepa-teaching-resources>



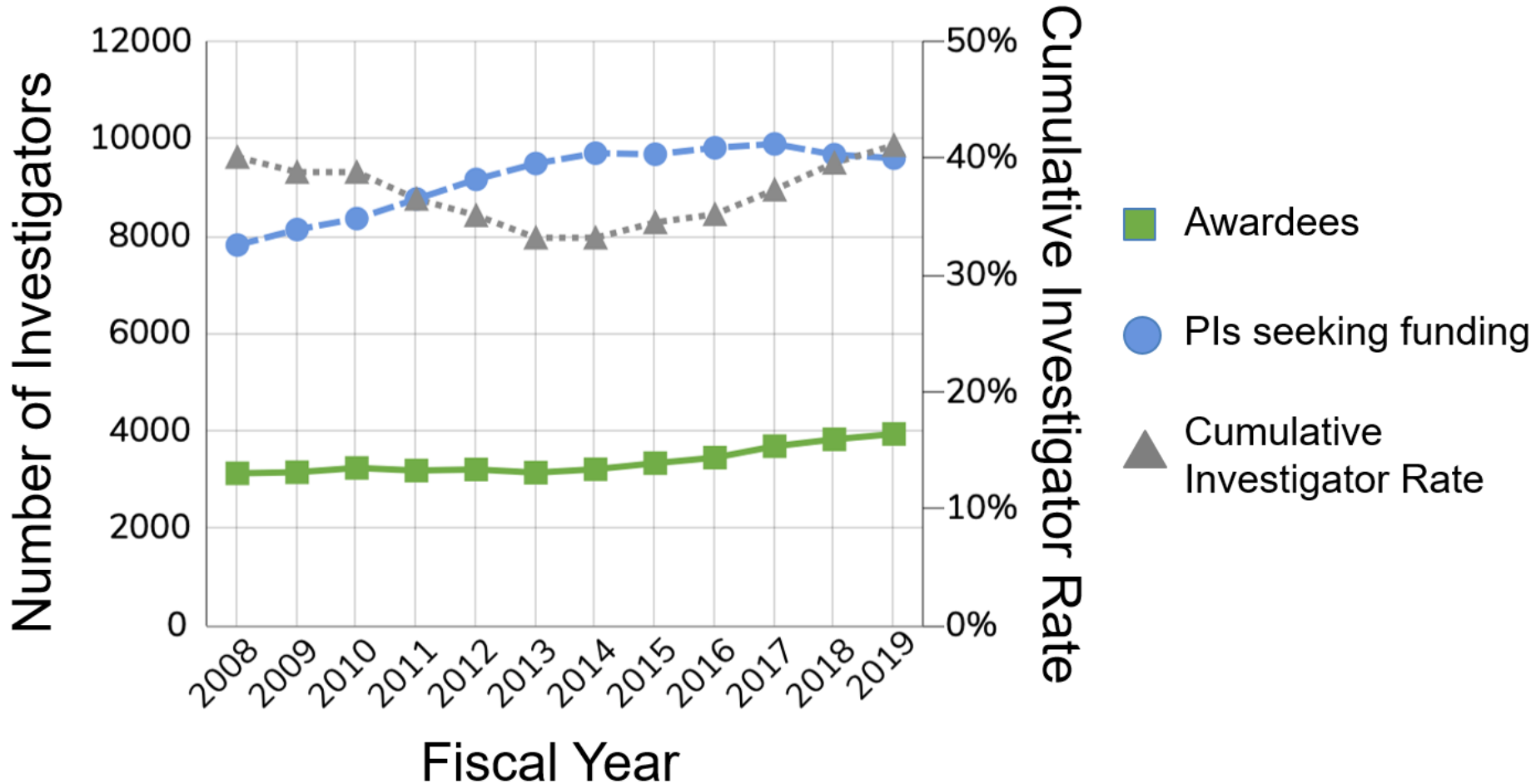
MIDAS Student Reporting Labs Video

- 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



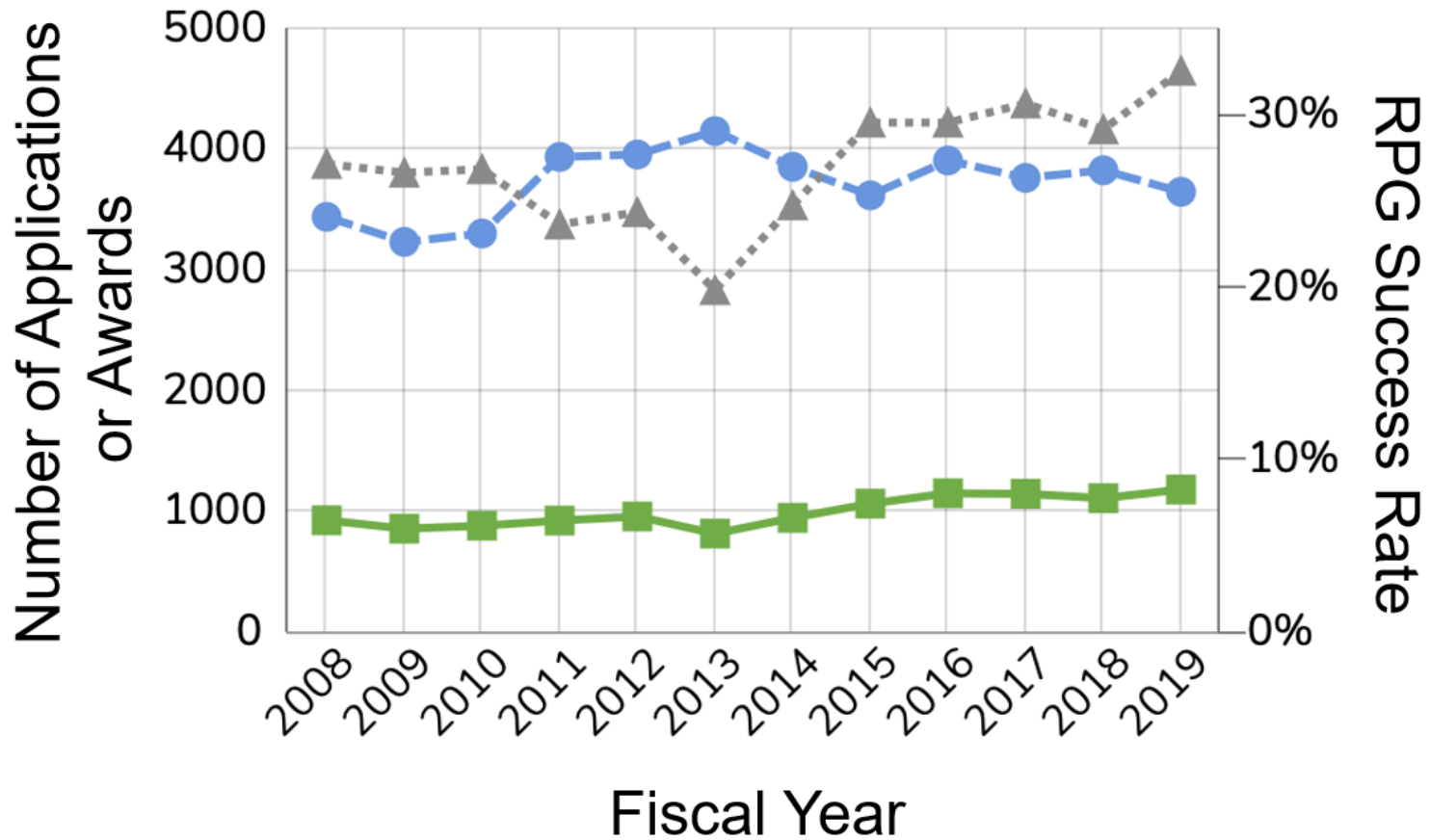
<https://www.youtube.com/watch?v=p0kkcTDGSik>

Increase in the Number of Funded PIs

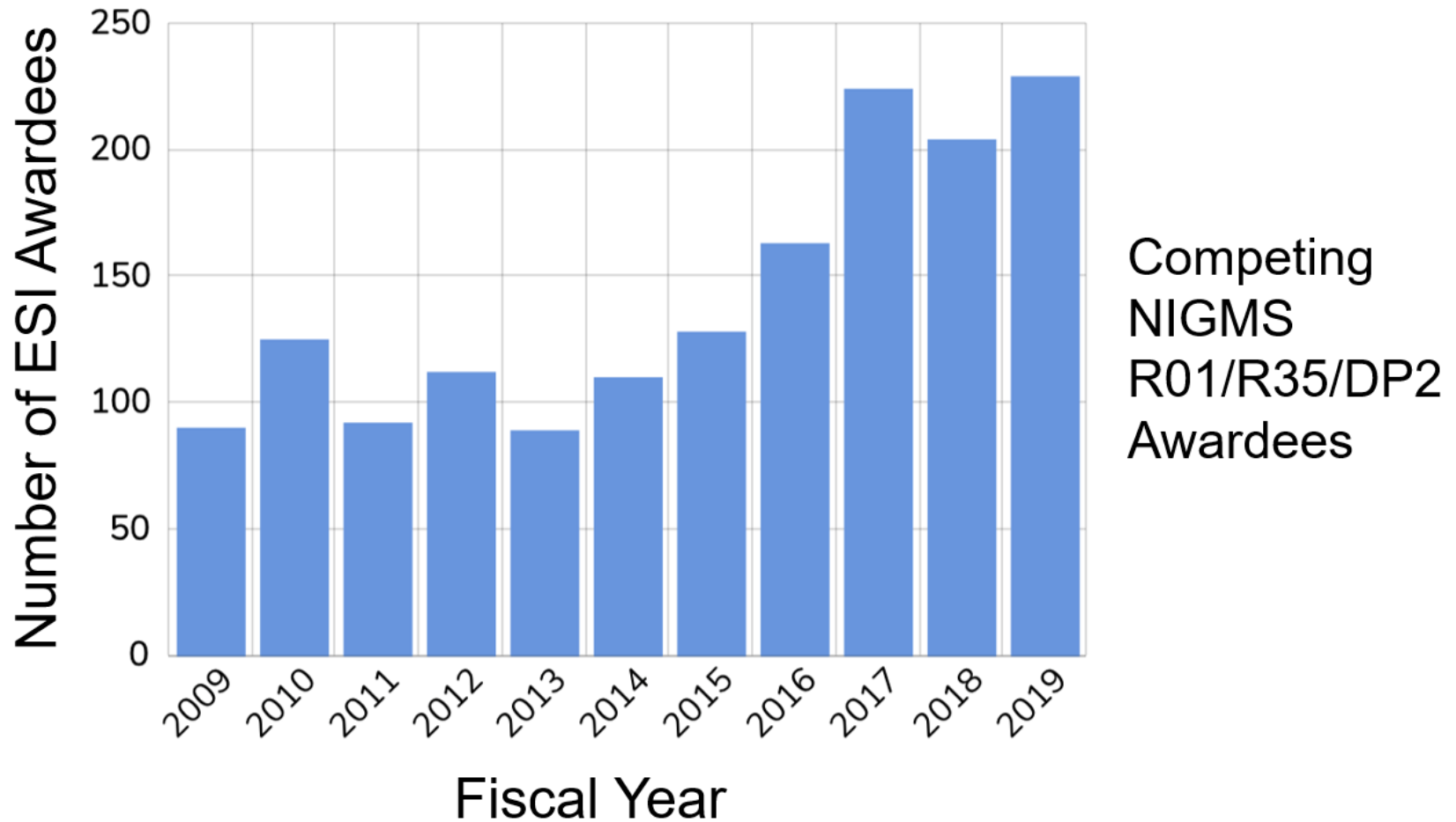


NIGMS RPG Success Rate Was Over 30%

● RPG Applications ■ Funded RPGs ▲ RPG Success Rate



Record Number of ESIs Funded



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

