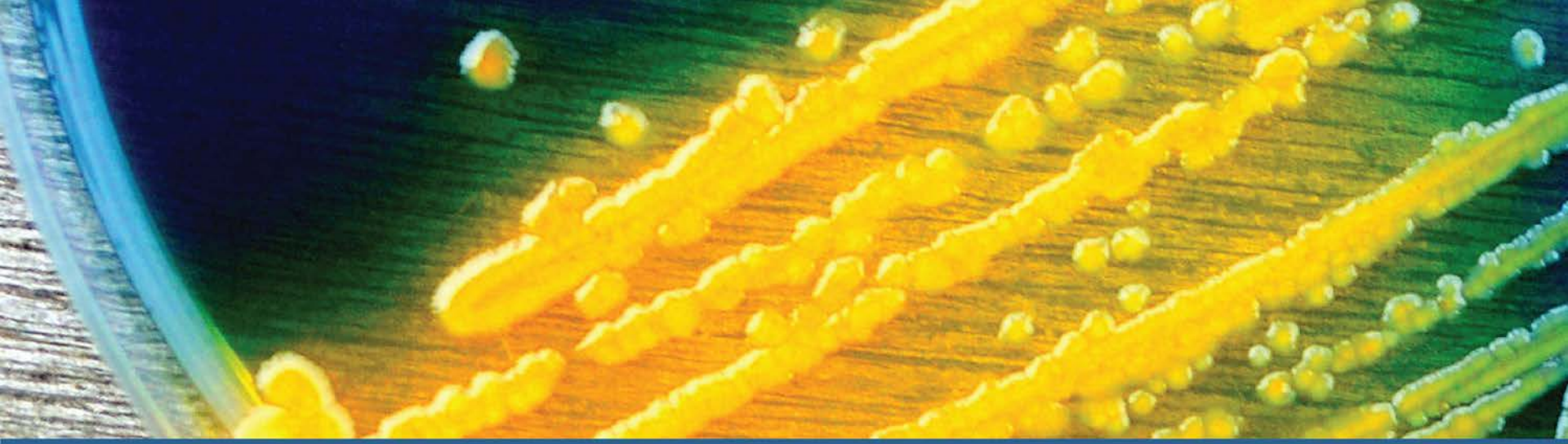
Infectious Diseases Research Careers Meeting 2015

June 4 – 6 | Bethesda, MD

This meeting is presented by

The National Institute of Allergy and Infectious Diseases & the Infectious Diseases Society of America



NIAID IDSA INFECTIOUS DISEASES RESEARCH CAREERS MEETING

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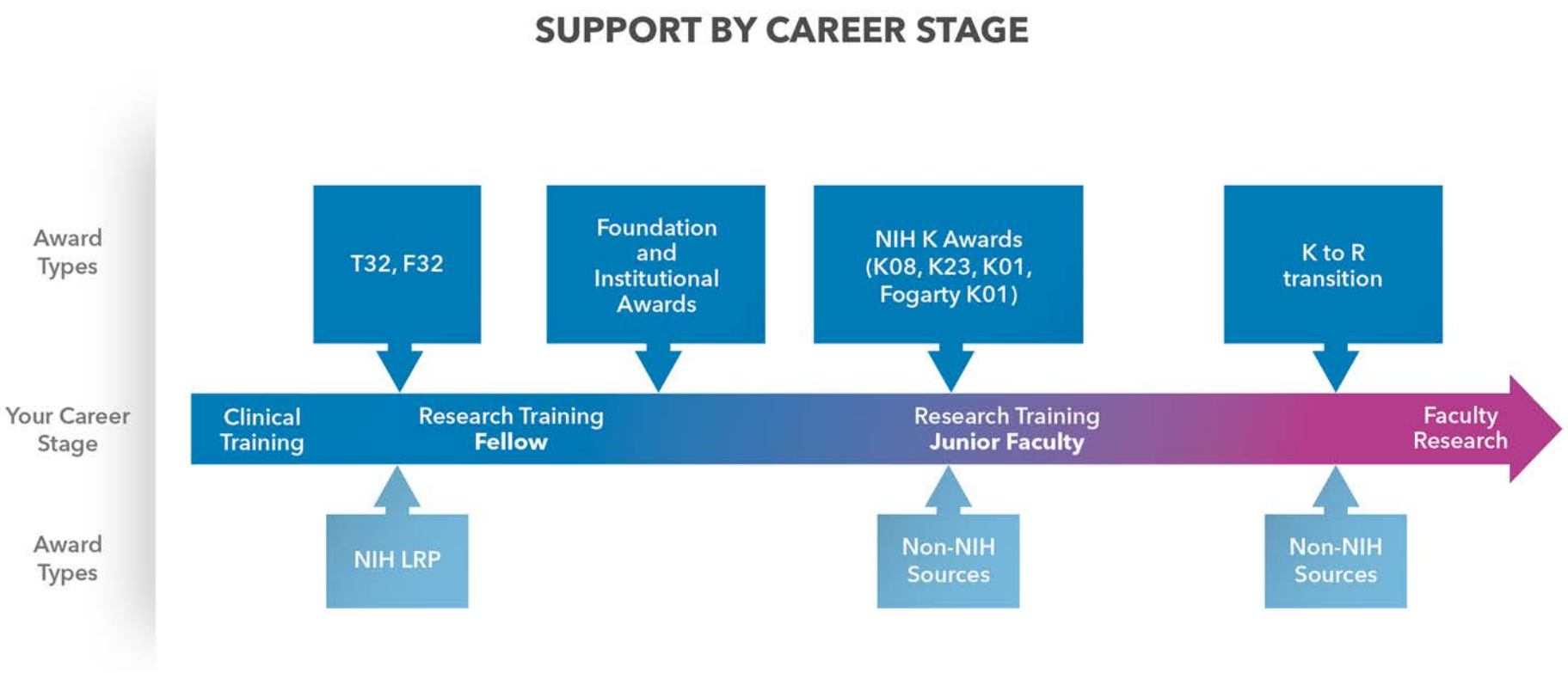
SUMMARY OF THINGS TO BE COVERED IN THE MEETING



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SUMMARY OF THINGS TO BE COVERED IN THE MEETING

- How to Select a Mentor
- How to Pick a Project
- How to Make a Presentation
- How to Write a Paper
- How to Write a Grant
- How to Search for a Job

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MENTORING MATTERS

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A FEW KEY THOUGHTS

- Mentor should particularly provide input at key branch points along the way
- Mentor should also help with introductions to other key people
- Studies show a correlation between the size and diversity of mentoring input and the future research success of an individual
- Start with a project that the mentor and research group focus on. At least one project at end should be different than mentor's
- Importance of protected time, and role of K award
- Individual versus team science – some of both
- Later in career, big ideas sell

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IDWEEK MENTOR PROGRAM

Links medical students, residents and fellows with ID mentors in their respective areas of interest.

Deadline: June 8
Apply when you register for IDWeek.

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PHYSICIAN SCIENTIST WORKFORCE REPORT AND IDSA'S ROLE

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KEY RECOMMENDATIONS IN NIH PHYSICIAN SCIENTIST (PS) WORKFORCE REPORT

- **Expand the NIH Loan Repayment Program "21st Century Cures" legislation proposes to expand annual loan repayment cap from $35K to $50K per year**

- **Establish a new granting mechanism to facilitate PS transition to independence PS "Pathway to Independence" (PSPI) award**

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KEY RECOMMENDATIONS IN NIH PHYSICIAN SCIENTIST (PS) WORKFORCE REPORT

- **Sustain support for PS Research**
  Increase salary caps for K awards to $120K

- **Support novel approaches to improve or shorten PS research training**
  NIH exploring unconventional residency training programs

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KEY AREAS IDSA IS FOCUSING ON IN THE RESEARCH AREA

- Continuing to attract the best and brightest to our field
- Increase size of NIH budget
- Increased salary on and number of K awards
- Particular focus on K to R transition; R29 grants for new investigators
- Less administrative burden
- Perhaps caps per individual PI to allow more grants awarded overall

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IN ADDITION TO NIH, DIVERSIFY FUNDING SOURCES.

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EXAMPLES AT THE FELLOW LEVEL:

- Bristol-Myers Squibb Virology Research Training Program
- Burroughs Wellcome Foundation/American Society of Tropical Medicine and Hygiene Post-doctoral Fellowship in Global Health
- Charles A King Trust PDF
- Creative and Novel Ideas in HIV Research (CNIHR)
- NIAID ARLG Fellowship
- Grant specific to area – heart, lung, GI etc., or disease (CF Foundation, TB, etc)

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EXAMPLES AT THE JUNIOR FACULTY LEVEL:

- AHRQ
- American Sexually Transmitted Disease Association
- Bill and Melinda Gates Foundation
- Burroughs Wellcome Foundation Career Award in Medical Sciences
- CDC
- Charles Hood Foundation
- Crohns and Colitis Foundation

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EXAMPLES AT THE JUNIOR FACULTY LEVEL:

- DoD (DARPA, ONR, etc)
- Doris Duke Charitable Research Foundation
  Clinical Scientist Development Award
- IDSA
  ASP-IDSA Young Investigator Award in Geriatrics
  IDSA Pfizer Young Investigator Award in Vaccine Development
  NIAID ARLG ESI Awards (50K for 5 people)
- PCORI
- PIDS Young Investigator Award

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WHY IS ID SUCH A WONDERFUL CAREER FOR THOSE INTERESTED IN BEING PHYSICIAN-SCIENTISTS?

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WHY IS ID SUCH A WONDERFUL CAREER FOR THOSE INTERESTED IN BEING PHYSICIAN-SCIENTISTS?

- Many of the most important and timely questions lie in this field (new organisms, new diseases, new therapies discovered almost every year)
- Easy synergy between research and patient care parts of career
- Enormous impact possible with research
- Many new and exciting tools
- Think of synergies with other fields, such as engineering, chemistry, bioinformatics, genomic and transcriptional analysis, microbiome sciences, population sciences and many more
- Love what you do and do what you love

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BENEFITS OF IDSA MEMBERSHIP

- Mentors and connections with colleagues
- Subscriptions to *CID* and *JID*, and author discounts at *OFID*
- Discounts on IDWeek registration
- Conferences like this one

- 1st Year in Fellowship … IDSA Membership is FREE
- 2nd Year in Fellowship … Discounted
- First Year after Fellowship … Discounted

http://www.idsociety.org/membership.aspx

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