Division of Extramural Research Update

January 18th, 2018
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Overview

• Staff Updates

• Impact of Flexible Funding Model

• Impact Analysis of Large Programs

• Progress in Clinical Trial Reforms
Staff Updates
Staff Transitions from NICHD Extramural

Tyl Hewitt
DBSVB

Kimm Witherspoon
OCM

Lorette Javois
DBSVB

David Siegel
OPPTB
Impact of Flexible Funding Model

FY16 vs. FY17
NICHD Funding the Best Science

• In FY17 NICHD moved to a model of flexibility in the payline for R01, R03, and R21 grants to fund the best science
• Branch websites highlighted priority research areas
• Director’s Blog posts
• Funding plan: Procedures and plans
• Justifications required
Increase in Reaches

R01
- FY16
- FY17

R03/R21
- FY16
- FY17
Reasons for Reaches

[Graph showing reasons for reaches by year (FY16, FY17) and type (R01, R03/R21). The graph uses color codes to represent High Program Priority, ORWH, NCMRR, and AIDS.]
Impact Analysis of Large Programs
Assessing the impact of large programs

- Development of a standardized set of metrics and methods to examine the impact of NICHD’s large programs
- Characterize and analyze the products of the large program over time through identification, assessment, and mapping of productivity, collaboration, research topics, and citation impact of papers funded by the program
## Framework

<table>
<thead>
<tr>
<th>Products</th>
<th>Impact</th>
<th>Practice</th>
<th>Public Engagement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Publications</td>
<td>Scientific Impact</td>
<td>Medical Guidelines</td>
<td>News</td>
</tr>
<tr>
<td>Clinical Trials</td>
<td>Field Saturation</td>
<td>Practice Guidelines</td>
<td>Policy</td>
</tr>
<tr>
<td>Biologics</td>
<td>Funding Impact</td>
<td>Insurance Guidelines</td>
<td>Conferences</td>
</tr>
<tr>
<td>Devices</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Patents</td>
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<td>Collaborations</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Resource Sharing</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Training</td>
<td></td>
<td></td>
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<td>Future Funding</td>
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Assessing the impact of large programs

- Variety of standardized metrics
  - Bibliometrics, such as Relative Citation Ratio (RCR)
  - Impact on the field
    - Patents, Guidelines (practice, educational, diagnostic, device), Clinical Support Tools
  - Impact on the public
- Identify comparison groups to contextualize the program and its impact
Programs

• Maternal-Fetal Medicine Units Network (MFMU)

• Learning Disabilities Research Centers and Innovation Hubs (LDRCs)

• Pediatric HIV/AIDS cohort study (PHACs)

• National Centers for Translational Research in Reproduction and Infertility (NCTRI)

• Population Dynamics Centers Research Infrastructure
Progress in Clinical Trial Reforms
Clinical Trials Policy Update

- Implementation of several NIH Clinical Trials policies this month
  - FOA submission policy
  - New HS/CT form
  - Updated Appendix Policy
  - Use of a Single IRB
  - Registration and Reporting in ClinicalTrials.gov
Clinical Trials Policy Update

- Clinical Trials FOAs
  - NICHD has issued/joined 4 FOAs for “investigator-initiated” clinical trials: R01, R21, R03, R15
  - Planning to join NIH issued SBIR/STTR Clinical Trials FOAs
  - Continue topic-specific FOAs to meet portfolio needs
Funding the Best Science at NICHD...
to Advance Science & Health for All