Strategic planning pool
### NIH Strategic Plans and Visions

#### Institutes and Centers

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<th>NIH-Wide</th>
<th>Topical</th>
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<td>Center for Information Technology (CIT)</td>
<td>Center for Scientific Review (CSR)</td>
<td>John E. Fogarty International Center (FIC)</td>
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<td>National Center for Complementary and Alternative Medicine (NCCAM)</td>
<td>National Heart, Lung, and Blood Institute (NHLBI)</td>
<td>National Cancer Institute (NCI)</td>
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<td>National Institute of Allergy and Infectious Diseases (NIAID)</td>
<td>National Institute of Arthritis and Musculoskeletal and Skin Diseases (NAMS)</td>
<td>National Human Genome Research Institute (NHGRI)</td>
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Strategic Planning Process Timeline

- Small group discussions with staff: Dec 2014-Apr 2015
- Focus groups develop RFI topics: Aug 2015
- Publish RFI and Strategic Plan website: End-Sep 2015
- Conduct Town Hall webinars: Oct-Nov 2015
- Analyze stakeholder feedback: Dec 2015-Jan 2016
- Update Council/CAN RB: Jan 2016
- Draft, review and publish Strategic Plan: Spring 2016
Stage 1 - Internal NCATS Discussion

• Small group discussions with all NCATS staff about NCATS’ vision and foundational strategy
  ➢ Dec 2014-April 2015: 27 meetings, 252 staff

• Feedback analysis underway

• Will inform the development of the strategic plan
Stage 2 - Gathering Feedback from External Stakeholders

• Stakeholders include among others:
  - Patients and members of the health advocacy community
  - Basic, translational and clinical scientists at universities and research institutions
  - Biotechnology and pharmaceutical industry members
  - NIH colleagues
  - Other government agencies (e.g., FDA, EPA, DoD)
  - Policy-makers and funders
  - As well as the general public

• August - calls with NCATS staff and Council/CAN RB members to develop the key strategic planning topics
Proposed Thematic Areas

- Improving the Drug Development Process
- Pre-Clinical Innovation: Testing & Predictive Models
- Repurposing Drugs
- Re-Engineering the Clinical & Translational Process
- Accelerating & Supporting Rare Diseases Research
- Partnerships with Stakeholder Groups

Obviously - overlap among the areas.

Feedback will be integrated.

Continuing the discussion today...
Improving the Drug Development Process

Some possible RFI topics raised on call:

- Importance of inter-operability of bioinformatic systems
- Integrating patient data into pre-clinical research
- Focus on the precompetitive space
- Expanding therapeutic modalities
Pre-Clinical Innovation: Testing & Predictive Models

• Some possible RFI topics raised on call:
  - Approximating the human condition
  - Range of data needed for robust models
  - Innovative mechanisms for data collection and analysis
  - Engaging patient community in study design
Re-Engineering the Clinical & Translational Process

• Some possible RFI topics raised on call:
  - Connecting research and researchers along the translational science spectrum (“de-siloizing”)
  - Measuring innovation in translation
  - Skillsets and core competencies needed in translational science
  - Defining and developing clinical informatics
Repurposing Drugs

• Some possible RFI topics raised on call:
  ➢ Systematic approaches
  ➢ Innovative partnerships to facilitate repurposing
  ➢ Involving the community in repurposing efforts
Accelerating & Supporting Rare Diseases Research

Some possible RFI topics raised on call:

- Examination of commonalities
- Defining rare diseases in an ‘omics era
- Engagement of new partners
- Patient-driven research
Partnerships with Stakeholder Groups

Some possible RFI topics raised on call:

- Engaging with the patient community: a bidirectional process
- Nature of the “on-ramp”
- Innovative partnership models
- Modern communication and educational tools
Other Thematic Areas?
What we need next from Council/CAN RB

• Please send any additional comments on key topics/questions for stakeholder engagement in the next 10 days
• When released, publicize and encourage your networks to respond to RFI and to participate in subsequent Town Hall webinars
• Provide your own feedback
“It’s a Team Sport”

NCATS Strategic Planning Team

- Penny Burgoon
- Taylor Gilliland
- Christine Cutillo
- Cindy McConnell
- Megan Cowles

- 250+ NCATS staff who participated in small group discussions
- Council and CAN Review Board members