The National Cancer Institute’s Bypass Plan and Budget
FY 2004

Cherie Nichols
Office of Science Planning and Assessment, NCI
Covered in this Presentation

- The Setting
- FY 2004 Bypass Plan and Budget
- Thinking Ahead to FY 2005 and Beyond
How We Get Funded: The Setting

NCI’s Bypass Plan and Budget

NIH/DHHS Budget

President’s Budget Request

Congress

Appropriation
Bypass Requests and Appropriations of the NCI
1990-2003

Dollars in thousands

- Appropriated
- Bypass
Provides a blueprint – a national strategy to reduce the burden of cancer:
- What we need to discover, develop and apply
- How we do it
- Where we are making progress
- What resources are needed

Focal point for planning and priority setting

Provides a framework to galvanize the cancer research community
The Nation’s Investment in Cancer Research
NCI’s Bypass Plan and Budget

- President and Congress
- Advisory groups
- NCI staff
- Research community
- Professional organizations
- Cancer information, education, and advocacy organizations
- Public and private policy makers
- Government and industry partners
Covered in this Presentation

- The Setting
- FY 2004 Bypass Plan and Budget
- Thinking Ahead to FY 2005 and Beyond
The Nation’s Investment in Cancer Research: Four Approaches for FY 2004

- Building Cancer Research Capacity
  NCI’s Challenge
- Advancing Discovery and Application
  Extraordinary Opportunities for Investment
- Addressing Areas of Special Concern
  Public Health
- Research on Specific Cancer Types
  Planning National Agendas for Disease-Specific Research
The Nation’s Investment in Cancer Research: The Plan

FY 2004 Building Cancer Research Capacity areas include:

- Enhancing Investigator-Initiated Research
- Expanding the Capacity of Centers, Networks, & Consortia
- National Clinical Trials Program in Treatment and Prevention
- Developing Bioinformatics for Cancer Research
The Nation’s Investment in Cancer Research: The Plan

FY 2004 Extraordinary Opportunities include:

– Genes and the Environment
– Signatures of the Cancer Cell and Its Tumor Microenvironment
– Cancer Imaging and Molecular Sensing
– Molecular Targets of Prevention & Treatment
– Cancer Communications
The Nation’s Investment in Cancer Research: The Plan

FY 2004 Areas of Special Concern include:

– Research on Tobacco & Tobacco-Related Cancers
– Improving the Quality of Cancer Care
– Survivorship: Improving Treatment Outcomes and Quality of Life
– Reducing Cancer-Related Health Disparities
FY 2004 Areas of Research on Specific Cancers include:

- Gynecologic Cancers
- Lung Cancer
- Kidney and Bladder Cancer
How the Community Participated in Development of the FY 2004 Bypass Plan

- Extraordinary Opportunities solicitation
- PRG process
- Bypass external review
- Informal ideas from NCI advisory groups, both standing and ad hoc
- Substantial input from NCI staff, many of whom talk regularly with members of the cancer community
Solicitation for FY 2004 New Extraordinary Opportunities

Brochure Distribution to About 8,000

- Sent with targeted letters to wide distribution
  - NCI staff
  - Advisory groups
  - Professional organizations
  - Advocacy organizations
  - Grantees

- Distributed at meetings and by other organizations
Solicitation for FY 2004 New Extraordinary Opportunities: Results

- 37 Suggestions for New Areas
  - Tumor Microenvironment
  - Cancer and the Immune System
  - Aging and Cancer
  - Cancer Survivorship
  - Palliative Care
  - Physical Activity and Exercise
  - Biosensors and Nanotechnology

- 5 Letters Endorsements on Tobacco Investment Area
Solicitation for FY 2004 New Extraordinary Opportunities: Application

- Tumor Microenvironment
  Refocused and expanded the Signatures EO

- Cancer Survivorship
  Established as a new investment area

- Cancer and the Immune System
  Added new objectives to Microenvironment and Molecular Targets EOs

- Aging and Cancer
  Added a feature article that describes the issues and research
FY 2004 New Extraordinary Opportunity: Application

- Palliative Care
  Added a new objective in Quality of Cancer Care

- Physical Activity and Exercise
  Clarified information in Genes and the Environment

- Biosensors and Nanotechnology
  Added new objectives in Cancer Imaging, Molecular Targets, and Microenvironment
PRG Themes Addressed in NCI Challenge Initiatives

- Cross-disciplinary collaborations and consortia focused on disease-specific research
- Enhanced bioinformatics
- Disease-specific training and career development opportunities
- Tissue resources
- Preclinical models
Genetic and environmental factors and their interactions
Molecular pathways and cellular interactions
Molecular profiling
Molecular targeted therapy
Improved imaging
Outcomes studies and cohort registries
Provider and patient education
Bypass 2004 External Review: Solicitation and Results

- Solicitation went to over 200 individuals and organizations
  - NCAB, BSA, BSC, PCP, and DCLG members
  - Cancer Center and SPORE directors
  - PRG chairs
  - 100 professional and advocacy organization representatives
  - Other interested parties

- We received a total of 36 responses
Bypass 2004 External Review: Application

We have made changes to make the document better

- Added new objectives and milestones
- Described connections among our various priority areas
- Changed narrative throughout to reflect concerns expressed through the review
### NCI Strategic Planning Model: Bypass Budget Annual Development Process

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- **Development of Section on Disease-Specific Research, Highlights of Progress, People’s Stories, Story of Discovery, Spotlights on Research, etc.**

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- **Document Design**
- **Online Version Up**

- **Director, Champions, OSPA Staff**
- **Champions, OSPA Staff**
- **OSPA Staff in Consultation with Various Others**
Covered in this Presentation

- The Setting
- FY 2004 Bypass Plan and Budget
- Thinking Ahead to FY 2005 and Beyond
Increasing Meaningful Involvement in the Planning Process

The Need

- Establish a broad-based, systematic process
- Establish a climate of partnership for both planning and implementation
- Solicit contributions in formulation stage in addition to external review stage
- Bring diverse perspectives to the table
- Ensure that people have ample opportunity to respond
NCI Strategic Planning Model: Bypass Budget Annual Development Process

**Kick off process for including broad community input**

- **Nov**
  - Kick-off Meeting
  - Director/Champion Meetings
- **Feb - Apr**
  - Draft Plan & Progress Report Development
- **May**
  - Internal Review & Revisions

**Development of Section on Disease-Specific Research, Highlights of Progress, People’s Stories, Story of Discovery, Spotlights on Research, etc.**

- **Jul**
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- **Dec**
  - Document Design

**Responsibilities:**
- Director, Champions, OSPA Staff
- Champions, OSPA Staff
- OSPA Staff in Consultation with Various Others
Increasing Meaningful Involvement in the Planning Process

▪ Our Thoughts
  – EO-like process for other investment areas
  – "NCI Listens" sessions and town meetings
  – Professional societies
  – Federal Register Notice
  – Expert panels
  – Electronic communication

▪ Your Thoughts???