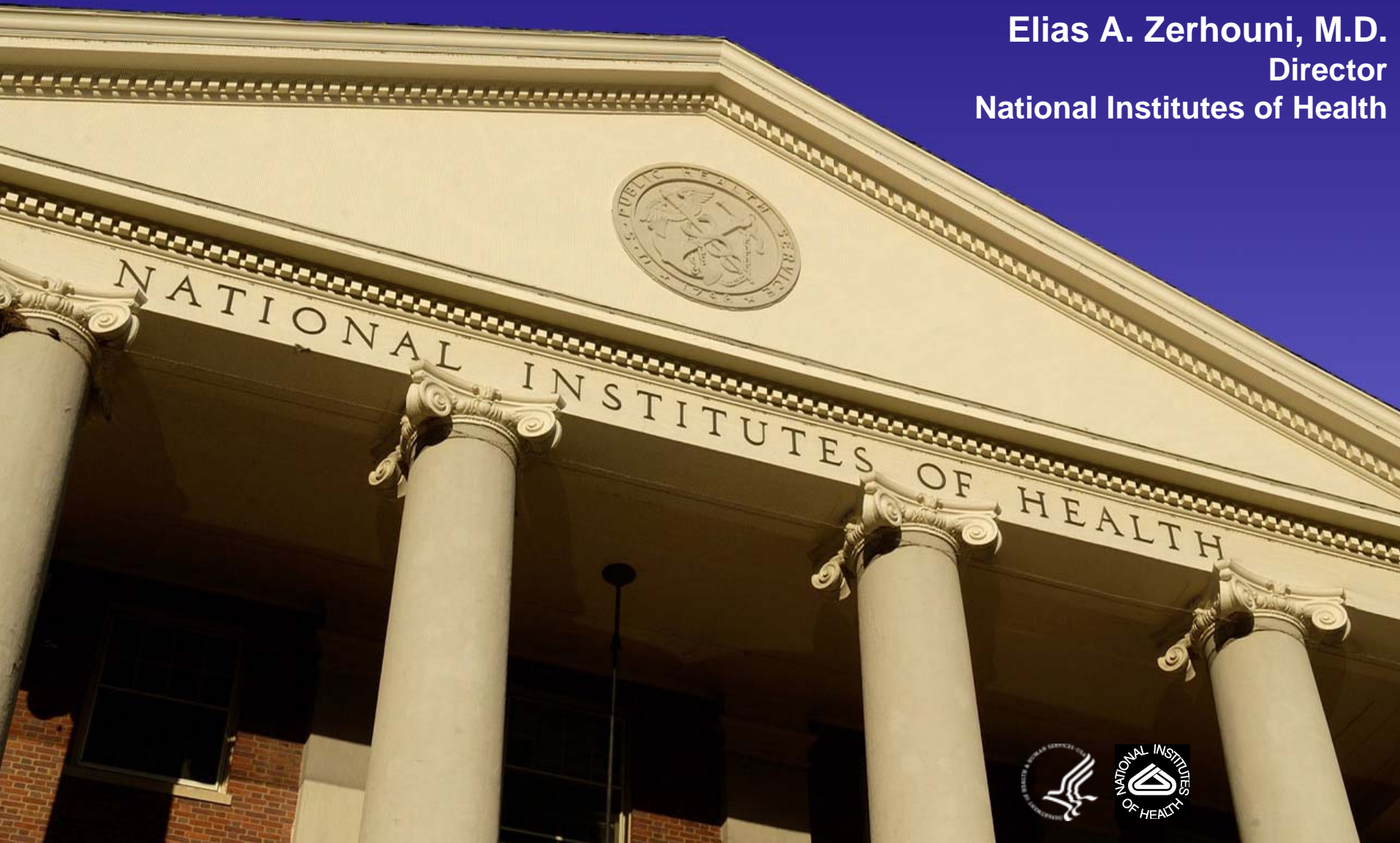


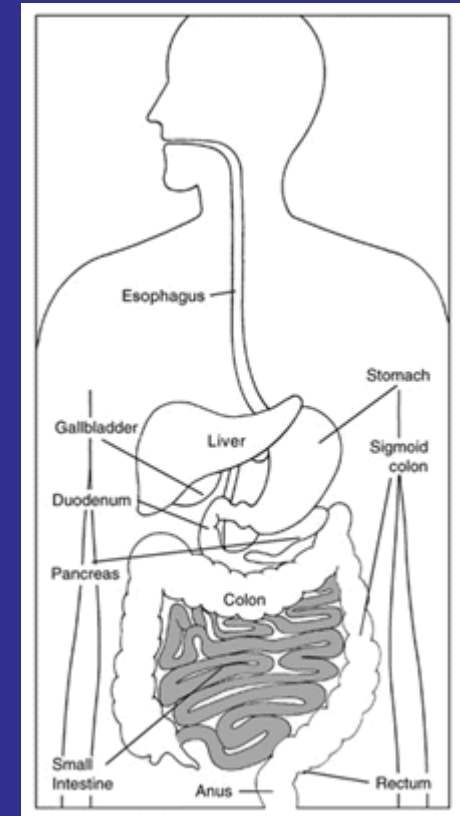
National Commission on Digestive Diseases: Remarks from the NIH Director

Elias A. Zerhouni, M.D.
Director
National Institutes of Health



Digestive Diseases in the U.S.

- >70 million people affected
- 1.4 million disabled
- ~\$86 billion in annual direct medical costs
- Wide range of organs affected
- Spectrum of conditions
- Society uncomfortable with openly discussing digestive dysfunction



Digestive Diseases in the U.S.



Spinach Scare



- September 2006:
E. coli 0157:H7 outbreak in U.S.
- **Severe diarrhea and 3 deaths linked to tainted spinach**
- **~200 people affected across 26 states**



NIH-supported Research Progress in Digestive Diseases

- **Inflammatory Bowel Disease:** understanding of immune basis, genetic risk factors, and development of therapies
- **Colon Polyps/Cancer:** natural history and prevention
- **Viral Hepatitis:** groundbreaking research leading to interferon therapy for hepatitis C; work leading to highly effective hepatitis B prevention in the U.S.



National Commission on Digestive Diseases

- Established July 2005 based on shared interest of NIH, Congress, and stakeholders in strengthening efforts to combat digestive diseases
- Chair: Dr. Stephen James, Director, Division of Digestive Diseases and Nutrition, NIDDK
- Members: 16 external, appointed members; ex officio members from NIH and other agencies
- Stakeholder input



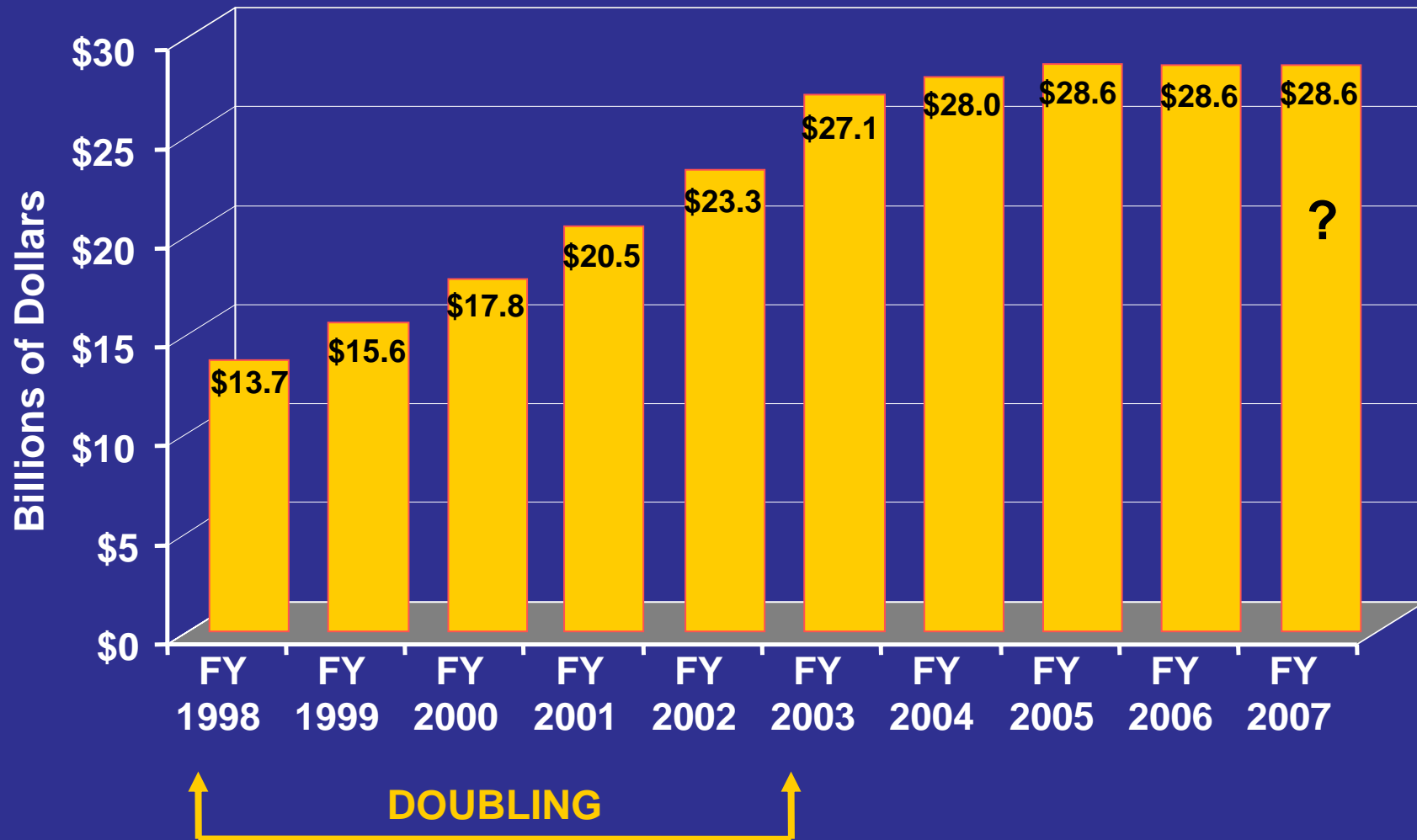
National Commission on Digestive Diseases

Charge

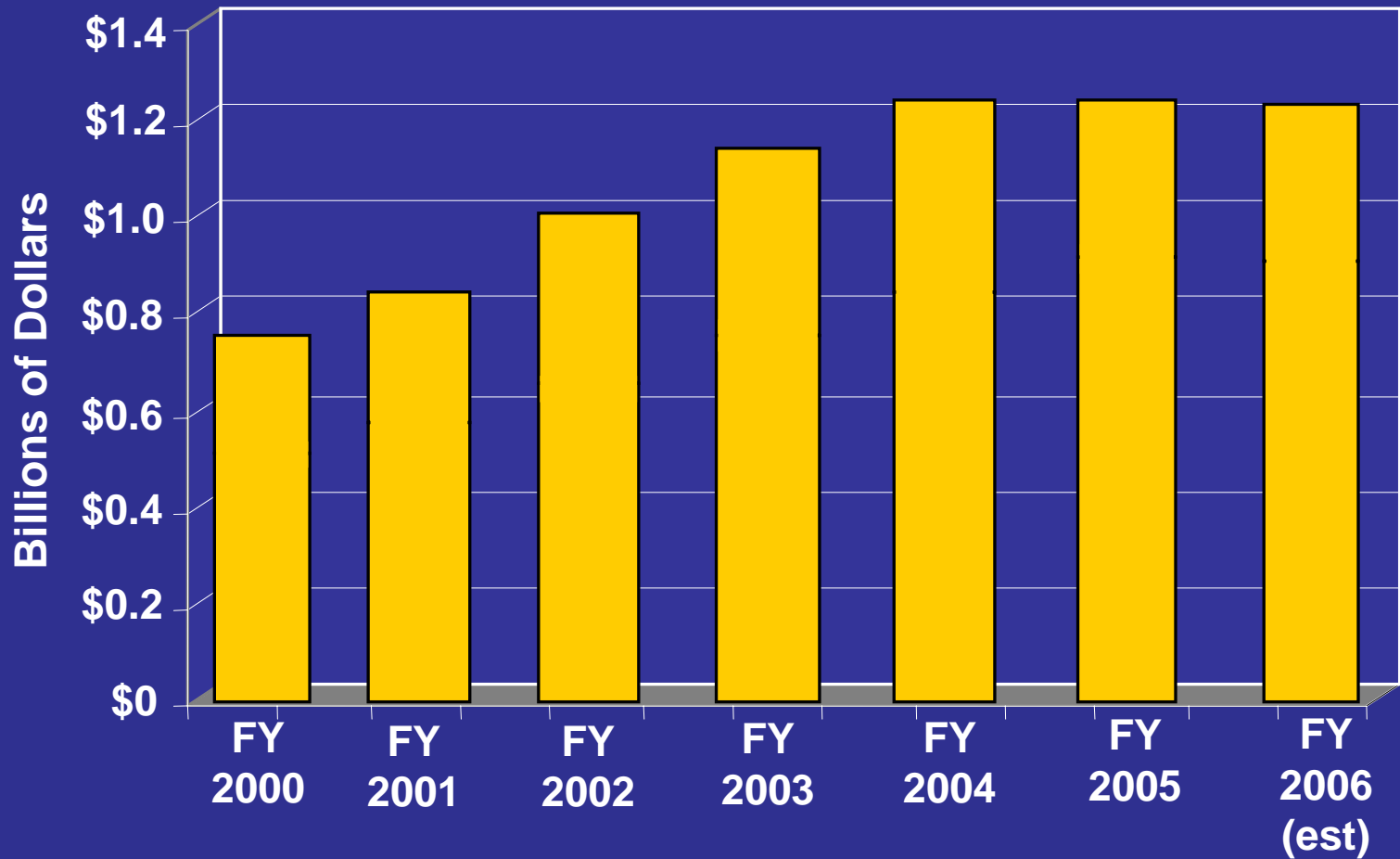
- (1) Conduct overview of the state-of-the-science in digestive diseases research**
- (2) Develop a long-range (10-year) plan for digestive diseases research that is consistent with the NIH research mission and recommends to the NIH and Congress ways to propel future research advances, with the ultimate focus of improving the nation's health**



NIH Congressional Appropriations



NIH Digestive Diseases Research Funding



Bold Vision for Challenging Times



NIH Roadmap for Medical Research

Themes include:

- Broadening the NIH vision through stronger **trans-NIH research** coordination and planning
- Promoting research to **transform medicine**
- Protecting **new investigators**
- Improving **communication** of the return on NIH research investments



Importance of NIH Digestive Disease Research Planning in Challenging Times

- Digestive diseases span missions of several NIH components
- During periods of tight NIH budgets, strategic research planning takes on even greater importance for maximizing research/health “return” on the investment of limited funds



Strengthening Trans-NIH Coordination and Research Planning

FY 2006

NCDD

National Commission on
Digestive Diseases

Involves 13 Institutes and Centers

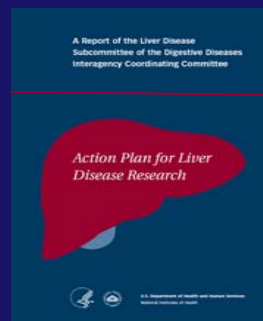
FY 2004



**Roadmap for
Medical Research**

Involves entire NIH

FY 2005



**Action Plan for
Liver Disease
Research**

*Involves 17 Institutes
and Centers*

FY 2007



**Office of Portfolio
Analysis and
Strategic Initiatives**

Involves entire NIH



Promoting NIH's Vision for the Future of Medicine



Predictive ↔ **Personalized** ↔ **Preemptive**



Participatory



Protecting Future Investigators



Pathway to Independence Award

- Five years of support consisting of two phases
- Phase I provides 1-2 years of mentored support for advanced post doctoral fellows- 90k per year
- Phase II provides up to 3 years of independent R01 equivalent research support - 250k per year
- NIH aiming for 150-200 awards per year
 - Received ~700 applications so far
 - First award announcements this Fall

http://grants1.nih.gov/grants/new_investigators/index.htm



Proactive Communication about Investment in NIH

Research Results
for the Public



- **NIH Homepage**

- More than 40 Fact Sheets
- State-by-state Funding Data
- Newsletter from NIH Director

<http://www.nih.gov/about/researchresultsforthepublic/index.htm>



Coming to Your Doctor's Office: Free, Authoritative, Up-to-Date Health Information

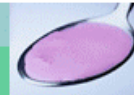


National Digestive Diseases Information Clearinghouse



National Digestive Diseases Information Clearinghouse (NDDIC)

A service of the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK), NIH



Digestive Diseases

Statistics

Clinical Trials

in Spanish

Resources

Order

About Us

<http://digestive.niddk.nih.gov/>



*Celiac Disease
Awareness Campaign*

From the National Digestive Diseases Information Clearinghouse

A service of the National Institute of Diabetes and Digestive and Kidney Diseases, NIH

<http://www.celiac.nih.gov/>



NIH-supported Digestive Diseases Research Efforts in the News

 CBS NEWS

Exercise May Cut Men's Colon Cancer

Sep 12, 2006

By Miranda Hitti

Reviewed by Louise Chang

Copyright 2006, WebMD Inc. All rights reserved.



(AP)



Image © Science magazine, March 2005

The Washington Post

Legion of Little Helpers in the Gut Keeps Us Alive

{FINAL Edition}

The Washington Post - Washington, D.C.

Author:

Rick Weiss

Date:

Jun 5, 2006

January 15, 2006

Gluten intolerance more common than thought

Susan FitzGerald, Knight Ridder Newspapers



(National Digestive Diseases Information Clearinghouse)

August 15, 2006

American Academy of Family Physicians Newsletter

Liz Smith

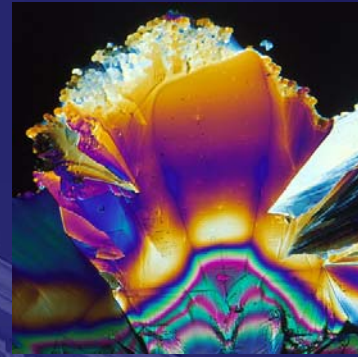
NIH Launches Campaign to Promote Awareness of Celiac Disease



Guidance for the Commission

- **Consider opportunities for synergy between the research plan for digestive diseases and areas emphasized in the NIH vision**
- **Consider that effective recommendations for advancing NIH-supported digestive diseases research will:**
 - **Be ambitious but feasible**
 - **Promote cross-cutting and innovative research**
 - **Identify opportunities for translating research from basic to clinical settings**
- **Continue to benefit from broad stakeholder input**





NIH *Transforming medicine and health through discovery*

