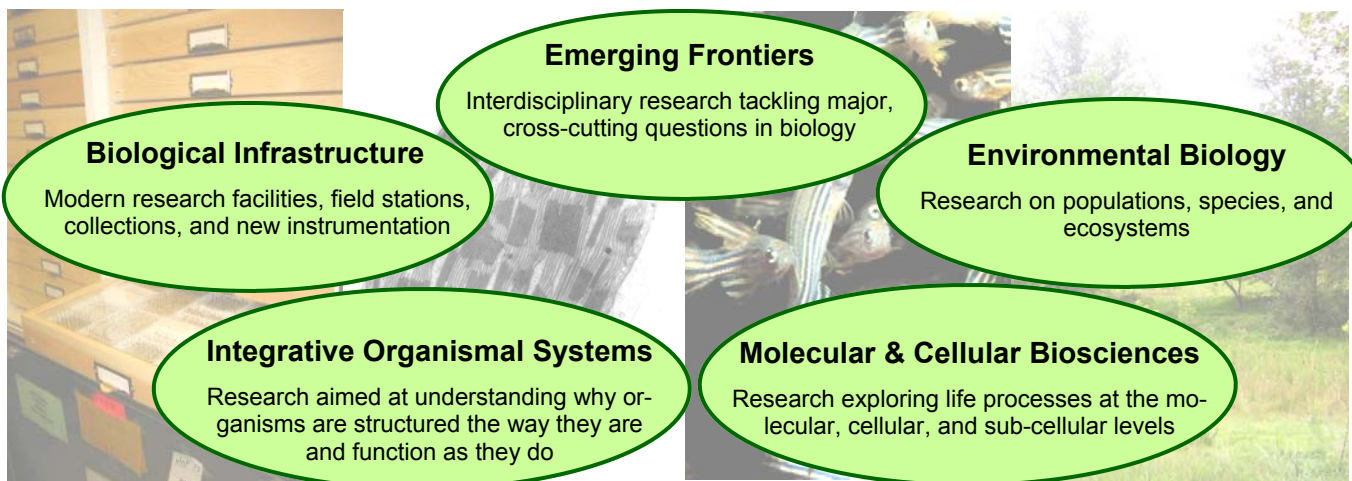


# The 21st century is the 'Age of Biology'

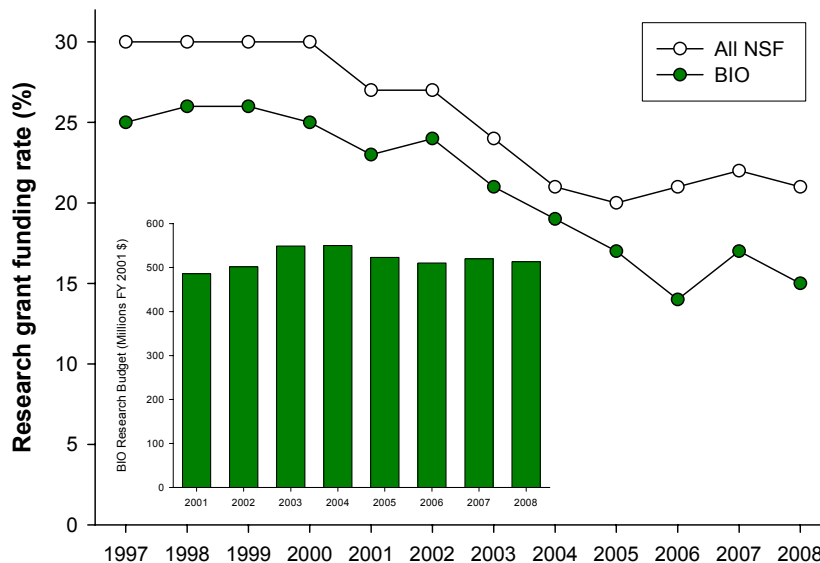
Biological information is exploding as new tools are developed that allow us to gain greater insight to the living world. On the heels of these advancements, biologists, and non-biologists alike, are turning to living systems for solutions to some of the most important challenges of our time — protecting the environment, conserving biodiversity, and developing new bio-inspired technology.

The National Science Foundation supports biological research in:



## THE ISSUE: Insufficient funding for NSF-BIO research

- *The NSF BIO directorate provides 67% of federal support for non-medical biological research.*
- *BIO research funding has remained relatively flat since FY 2001.*
- *Since 1997, BIO research grant submissions have increased 50%; and the funding rate declined to an all-time low of 14% in 2006.*



**Advancements in biology require sustained and substantial investments in research funding.**

## THE SOLUTION:

Increased investment in NSF-BIO will allow us to capture the benefits of transformative research.

In this 'Age of Biology', scientists funded by NSF-BIO have tackled important problems, advanced our understanding of life, and produced new tools and technologies.



NSF-BIO is leading the way in exciting research areas:

- Emerging diseases
- Ecosystem services
- Genomics
- Global change biology
- Nanotechnology
- Biodiversity
- Sustainable resources
- Complex systems

***Research is not a short-term expense;  
It is an investment for the future.***

For more information, please contact:



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of Biological Sciences**

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