

# Report to the CISL High Performance Advisory Panel

October 9, 2008

Clifford Jacobs

National Science Foundation

# Outline



Competition for the  
management of NCAR



Budgets



Trends in Geosciences

# Competition for the management of NCAR



Long process – more than three years



Comments from the review panel :

- recommended “...unanimously and without reservation that NSF make an award...” to UCAR for management and operation of NCAR
- NCAR is a world leader and would be central to Earth system science



Negotiating a new Cooperative Agreement to start in October, 2008

- Five years extensible after appropriate review to ten years



Key programmatic element of agreement flexibility to address new science needs and partnerships

# FY 2009 Budget Request by Appropriations Account (millions)

Appropriations Account	FY 2009 Request	Change from FY 2008	
Research & Related Activities	\$5,593.99	\$772.52	(16.0%)
Education & Human Resources	\$790.41	\$64.81	(8.9%)
Major Research Equipment & Facilities Construction	\$147.51	\$-73.23	(-33.2%)
Agency Operations & Award Management	\$305.06	\$23.27	(8.3%)
National Science Board	\$4.03	\$0.06	(1.5%)
Inspector General	\$13.10	\$1.67	(14.6%)
<b>TOTAL, NSF</b>	<b>\$6,854.10</b>	<b>\$789.10</b>	<b>(13%)</b>

# Challenging Budget Times



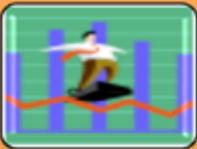
## FY 2008

- Initial 10.0 % increase approved by the House, and the initial 10.8 % increase approved by the Senate
- Omnibus bill passed with 1% increase for NSF in Research and Related
  - ATM received 0% increase
  - Used Division's flexible funds and favored NCAR, but added priorities



## FY 2009

- President's request 13.6% increase for NSF
  - ATM 13.6% increase
  - \$9M increase for NCAR



## Continuing Resolution

- All consideration of appropriation bills is on hold until after the election
- CR until March 6, 2009



## Possible Outcomes

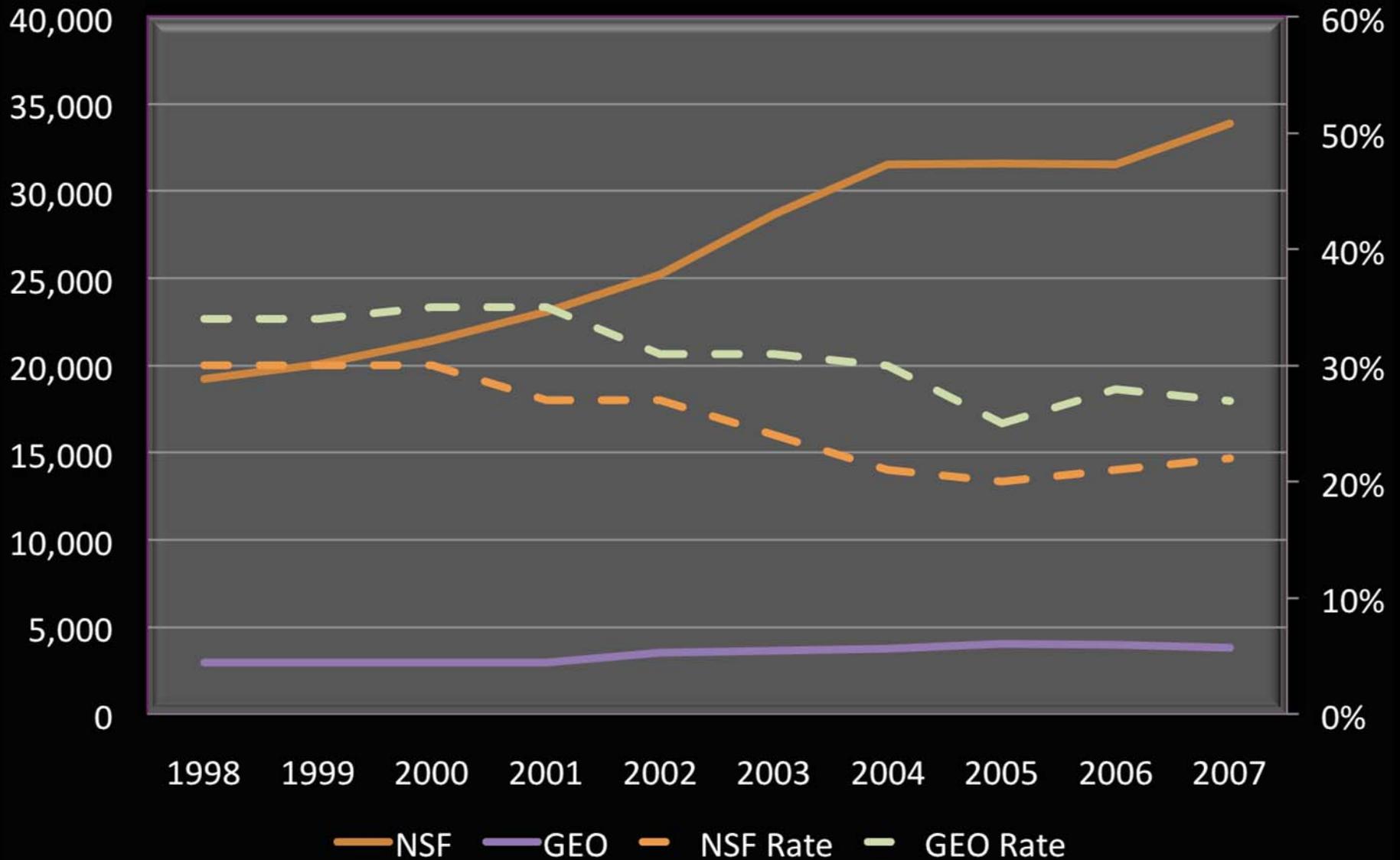
- Close to President's request
  - House and Senate Bills
- CR for all of FY 2009
- Budget reduction in response to difficult times

1998-2007

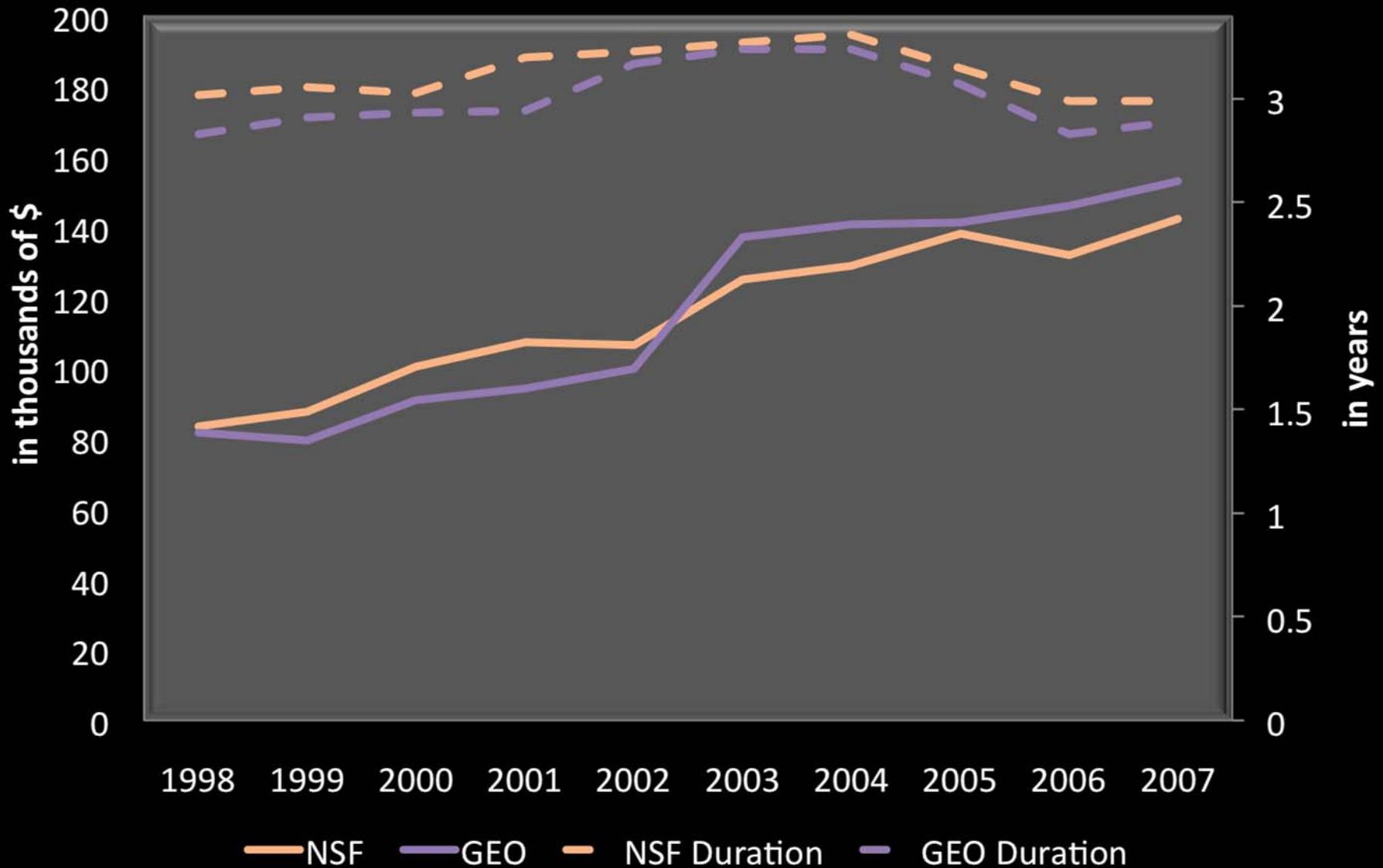
**TRENDS IN FUNDING FOR  
GEOSCIENCES COMPARED  
NSF**



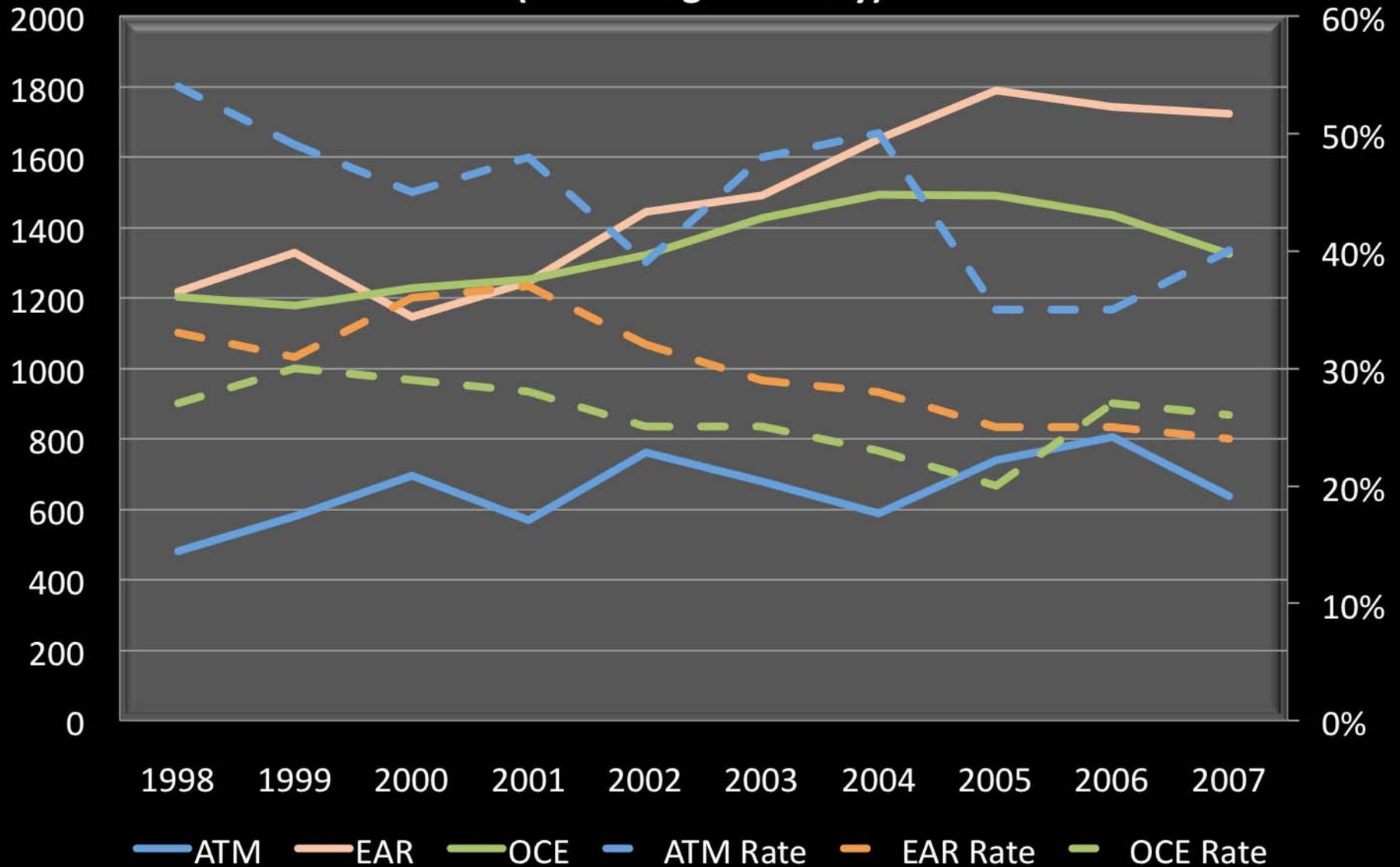
## Trends in # of Proposals & Funding Rate (research grants only)



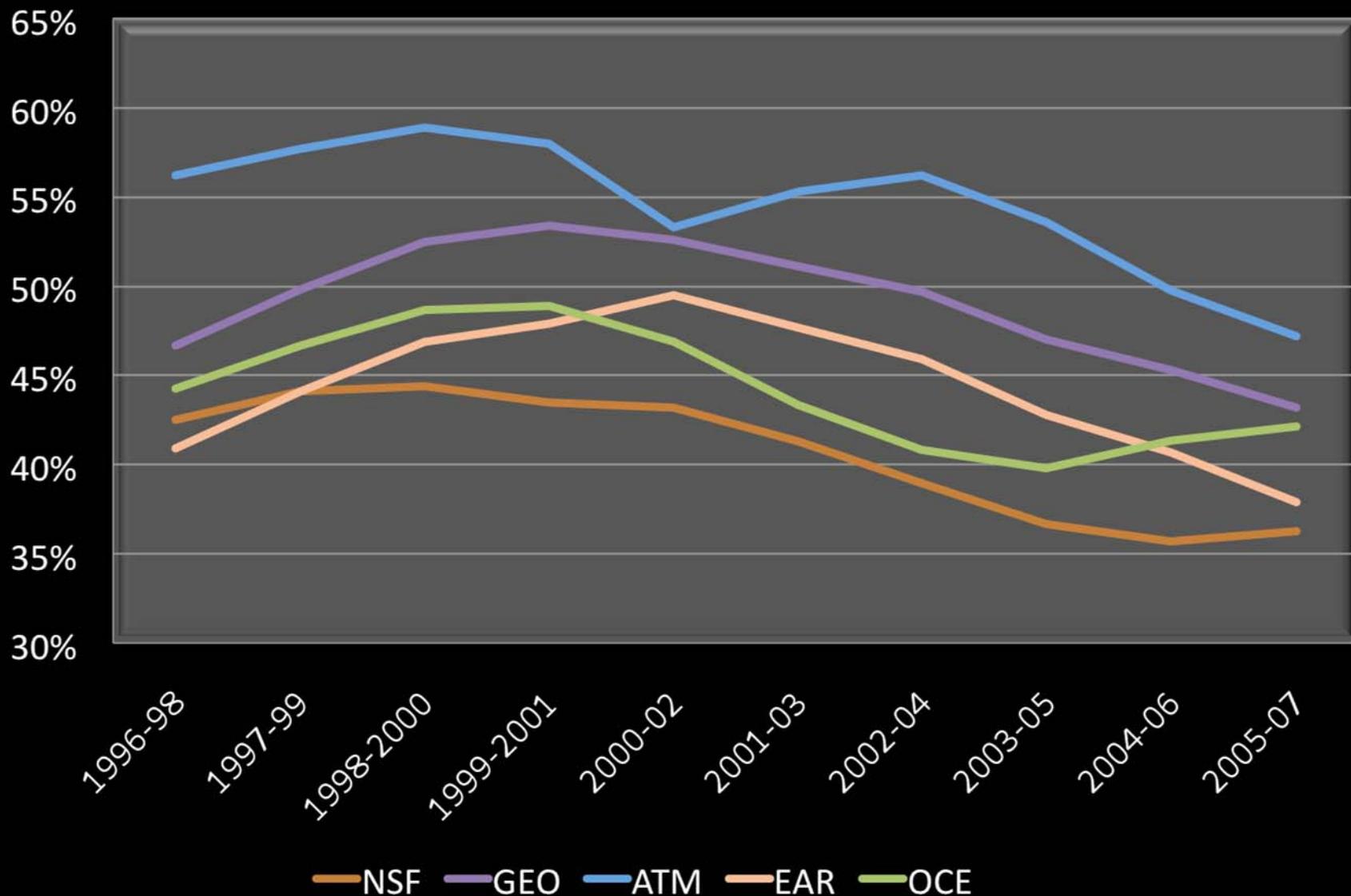
## Trends in Average Award Size and Duration (research grants only)



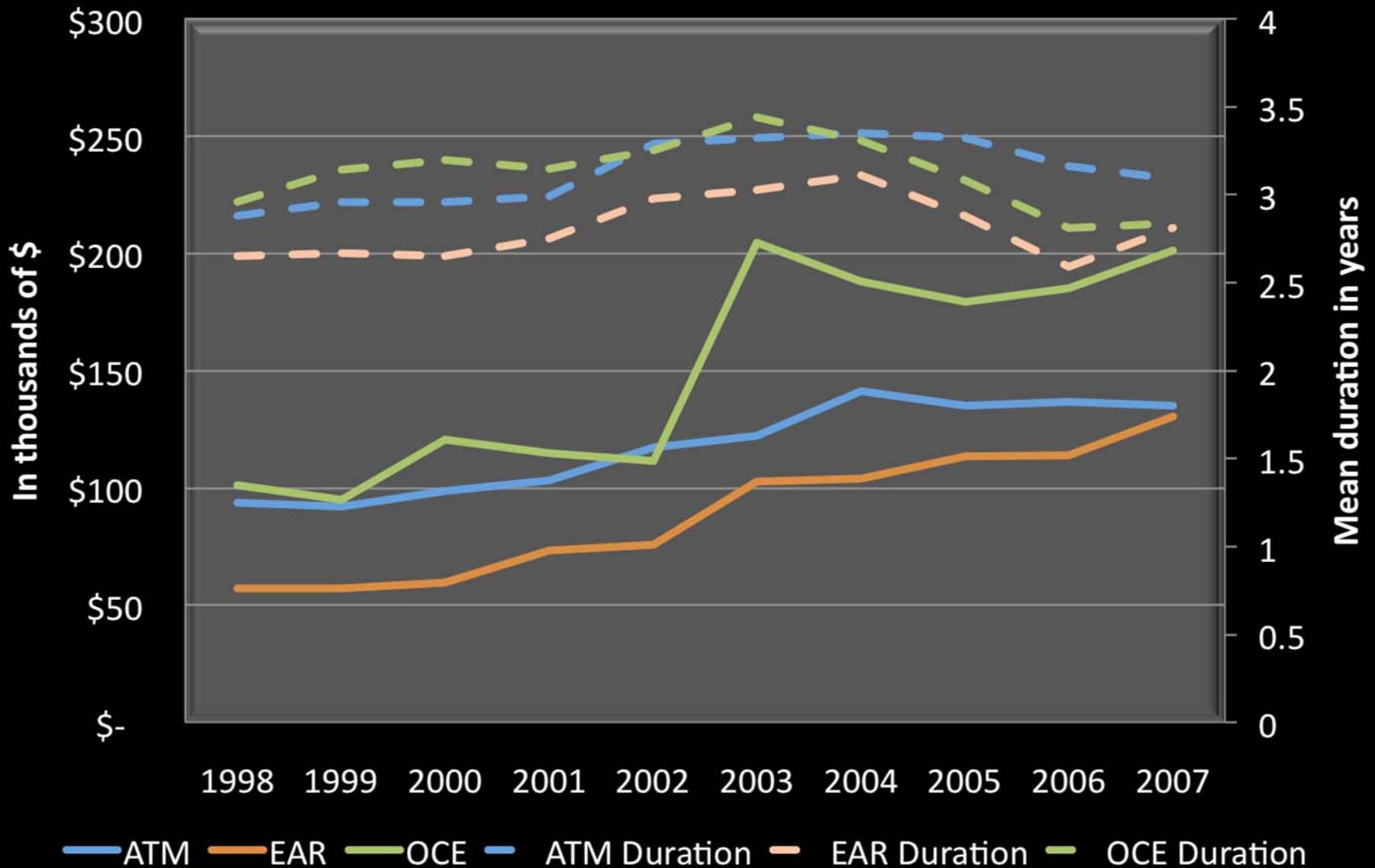
## Trends in # of Proposals and Funding Rate by GEO Division (research grants only)



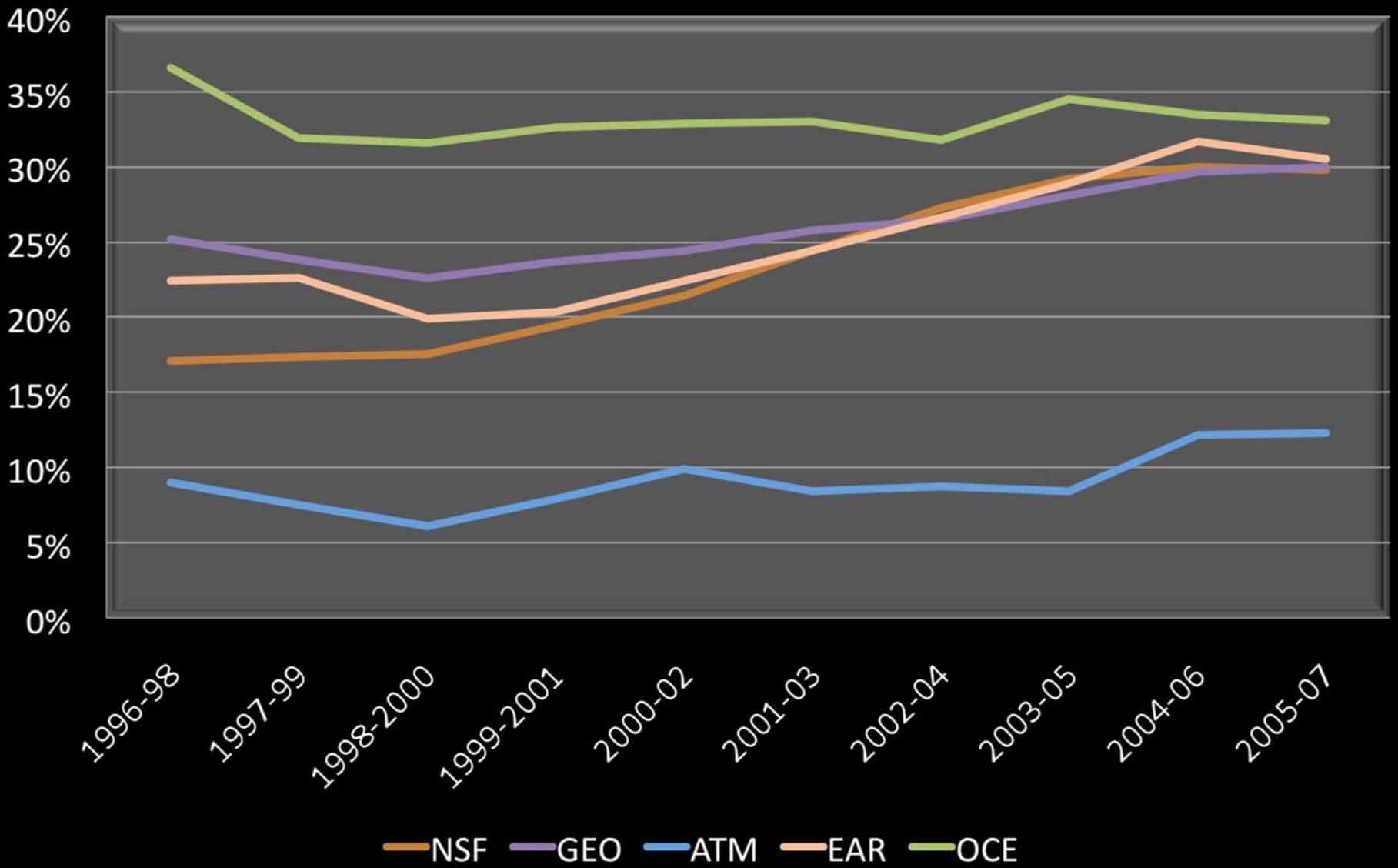
## Trends in NSF PI Funding Rate (research grants only)



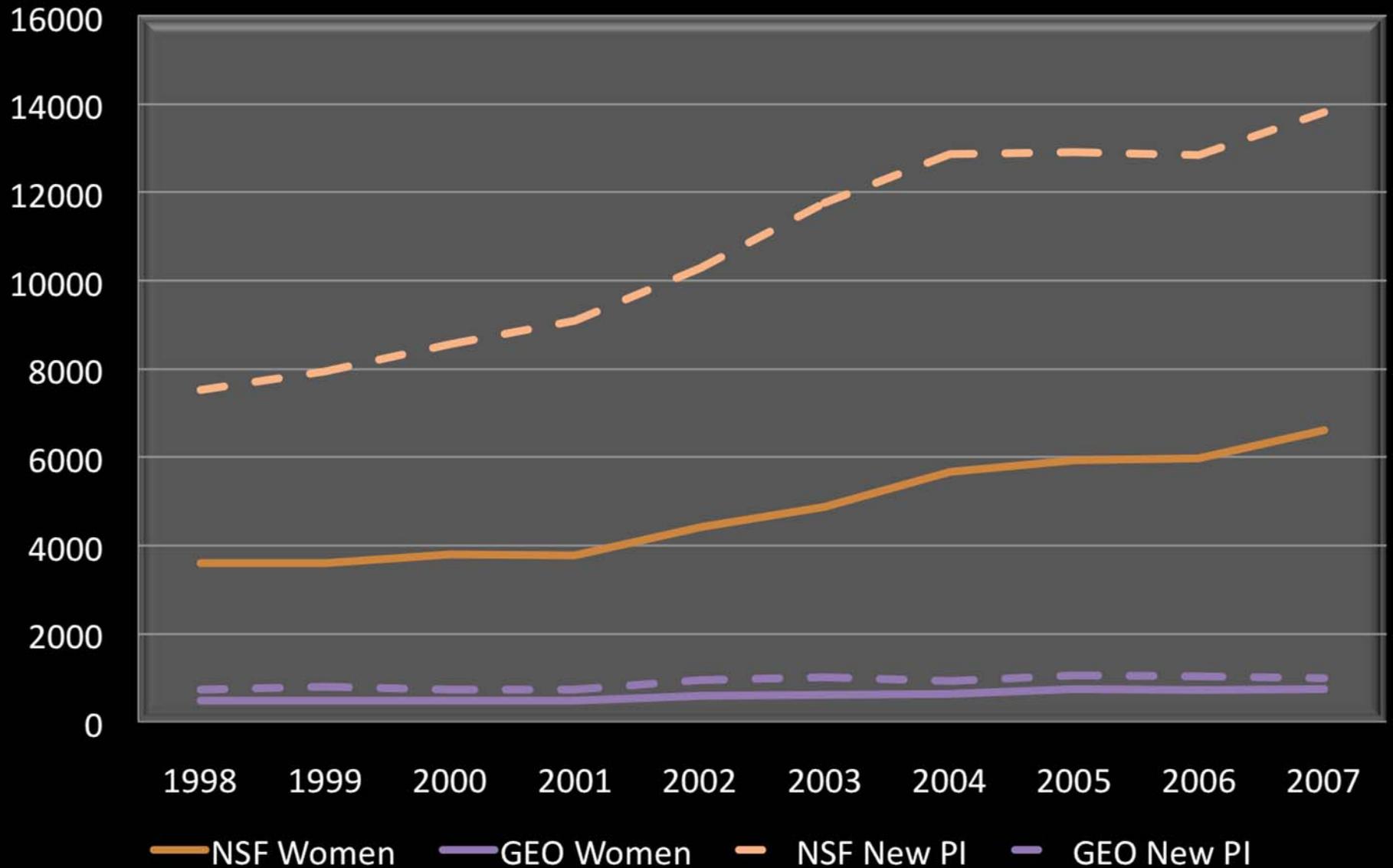
## Trends in Average Award Size and Duration by GEO Division (research grants only)



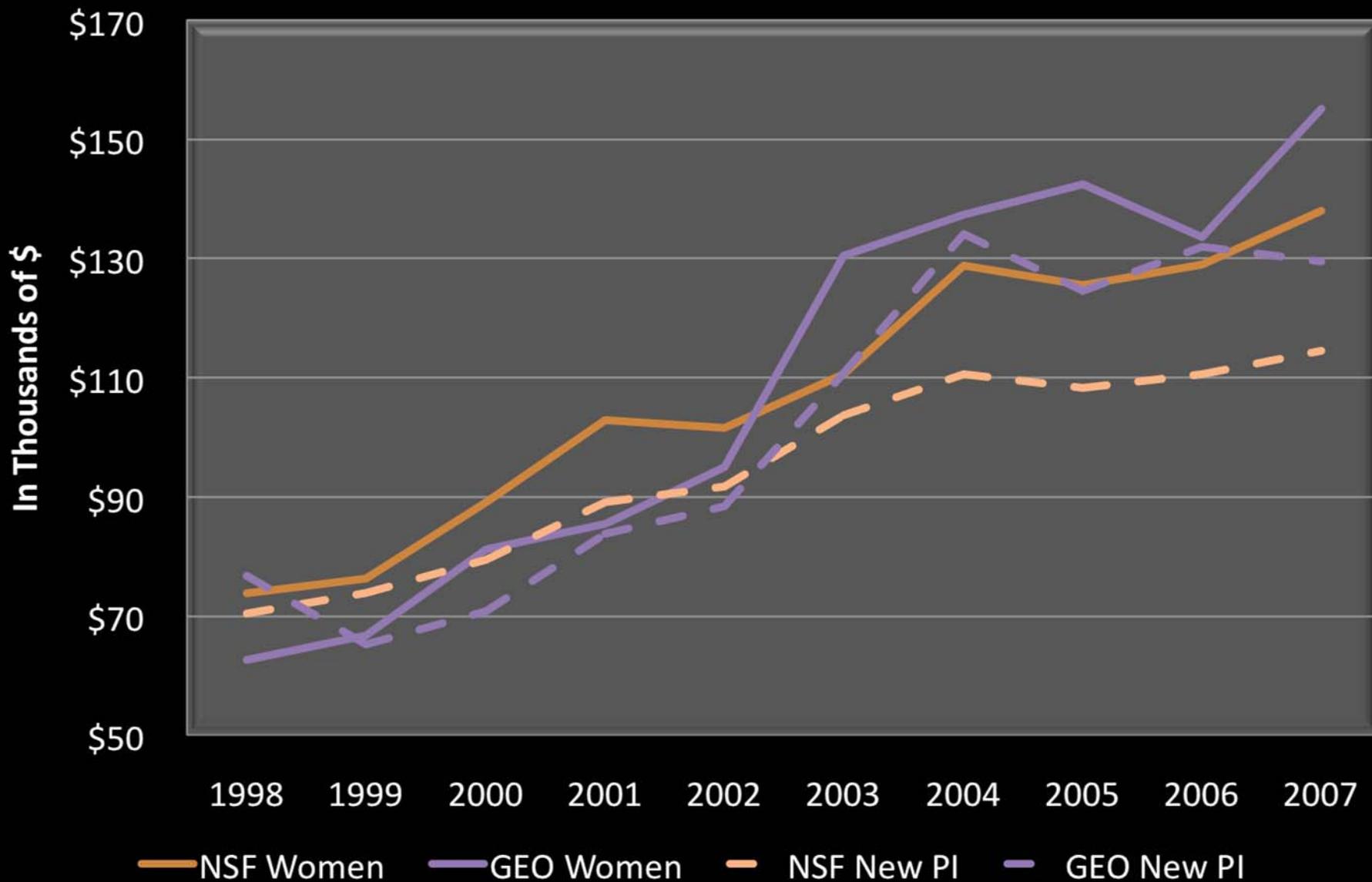
# Percentage of NSF PIs with 3 or more Proposals to 1 Award (research grants only)



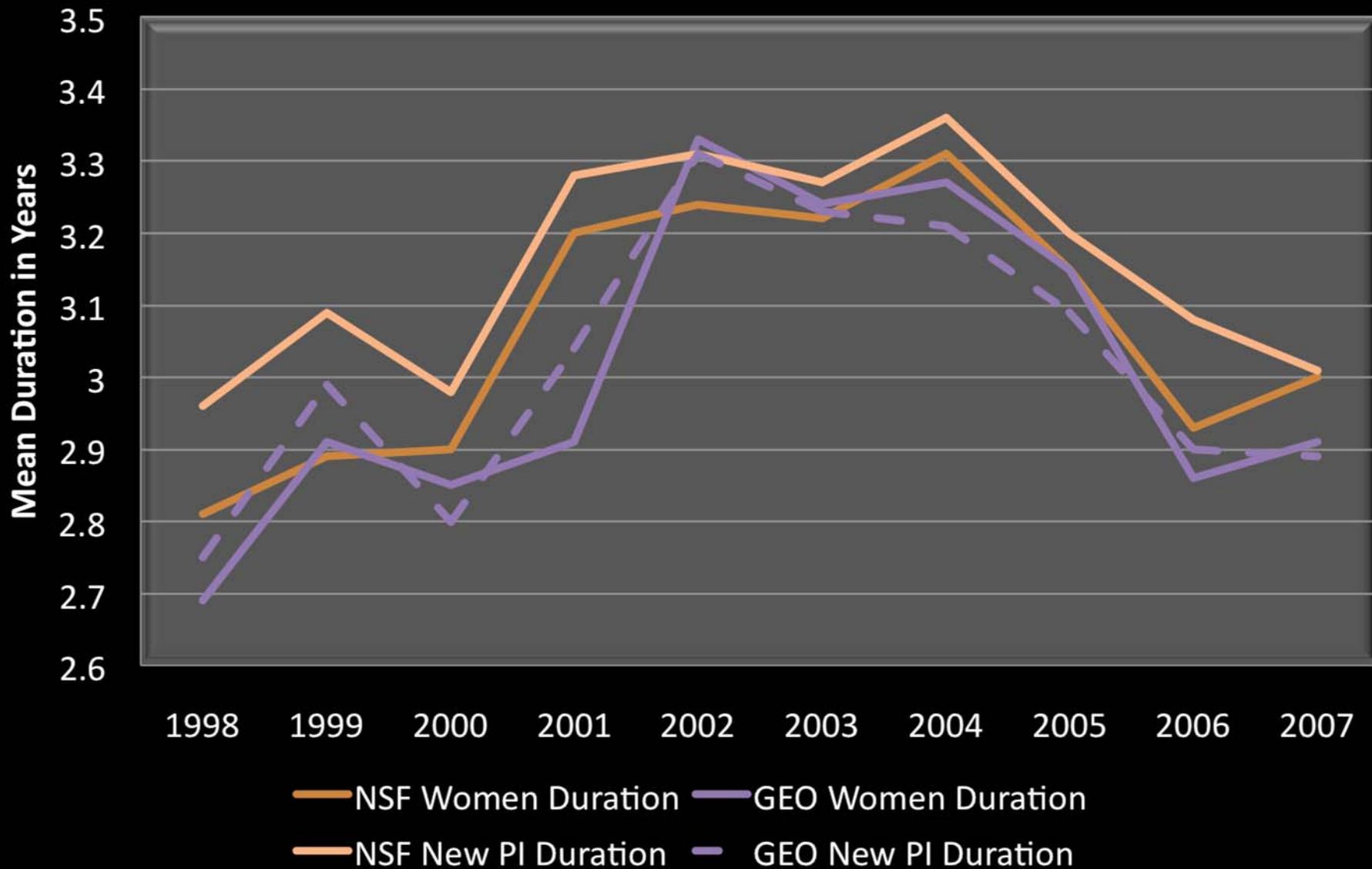
## Trends in # Proposals for Women and New PIs (research grants only)



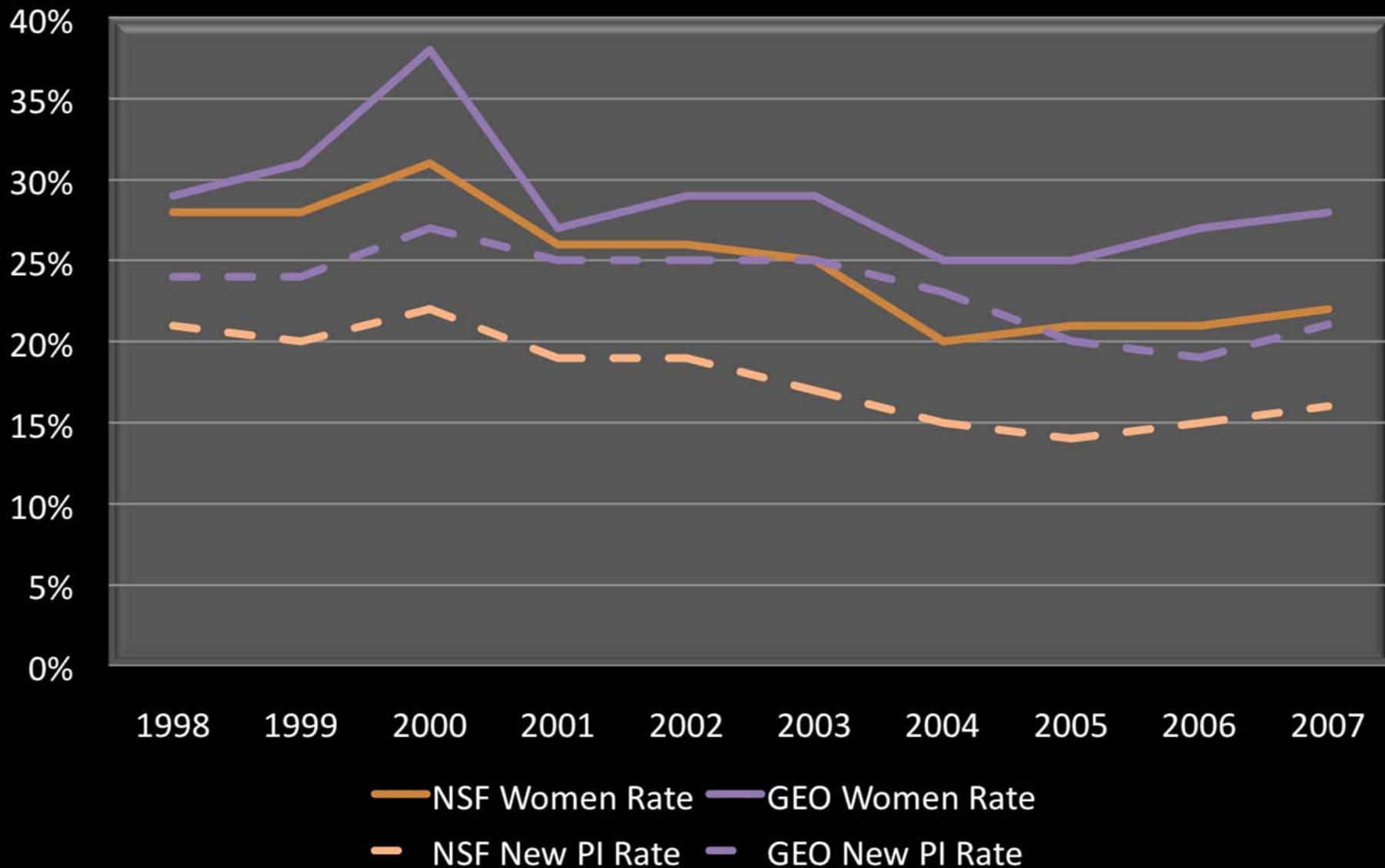
## Trends in Average Award Size for Woman and New PIs (research grants only)



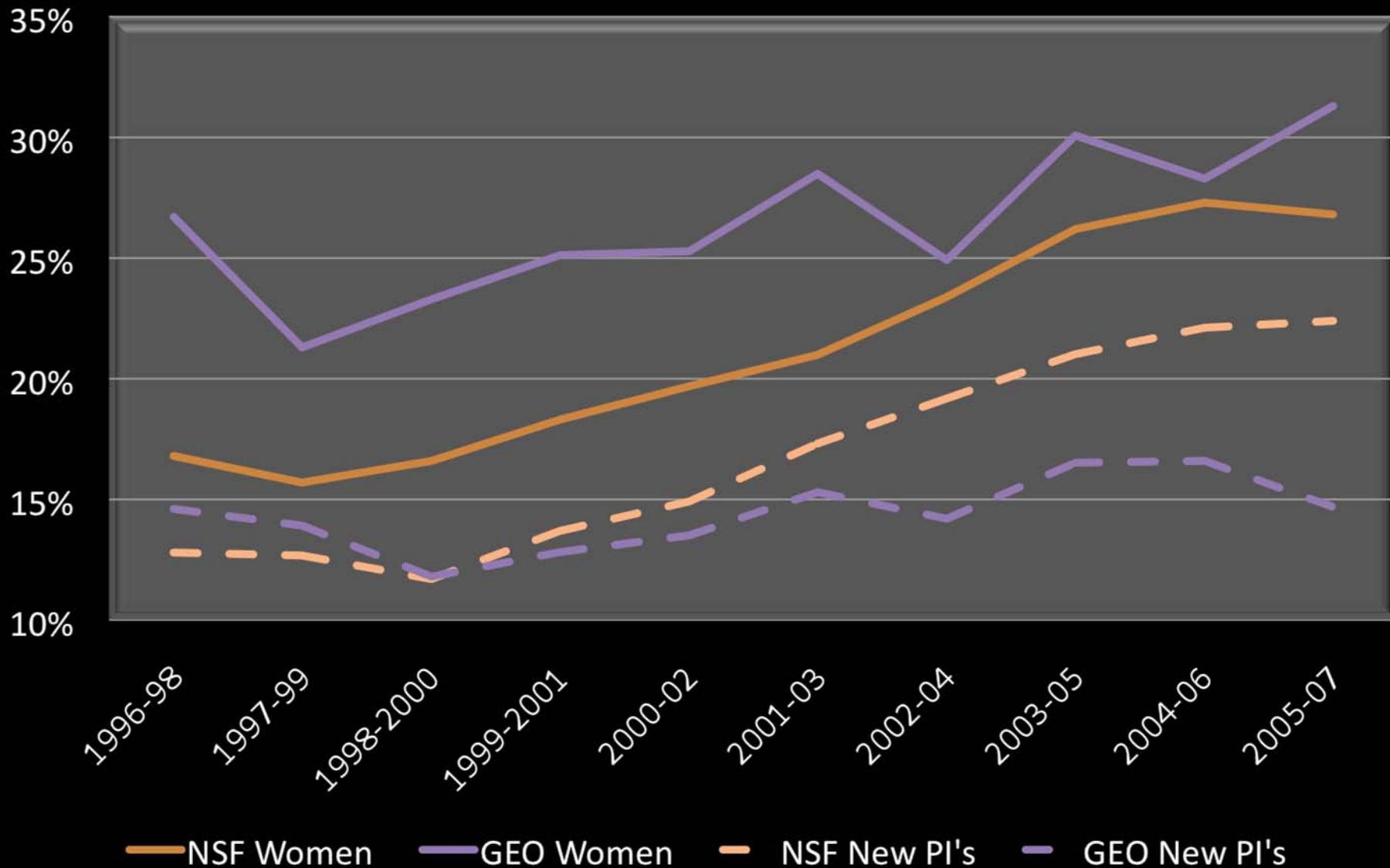
## Trends in Average Duration for Woman and New PIs (research grants only)



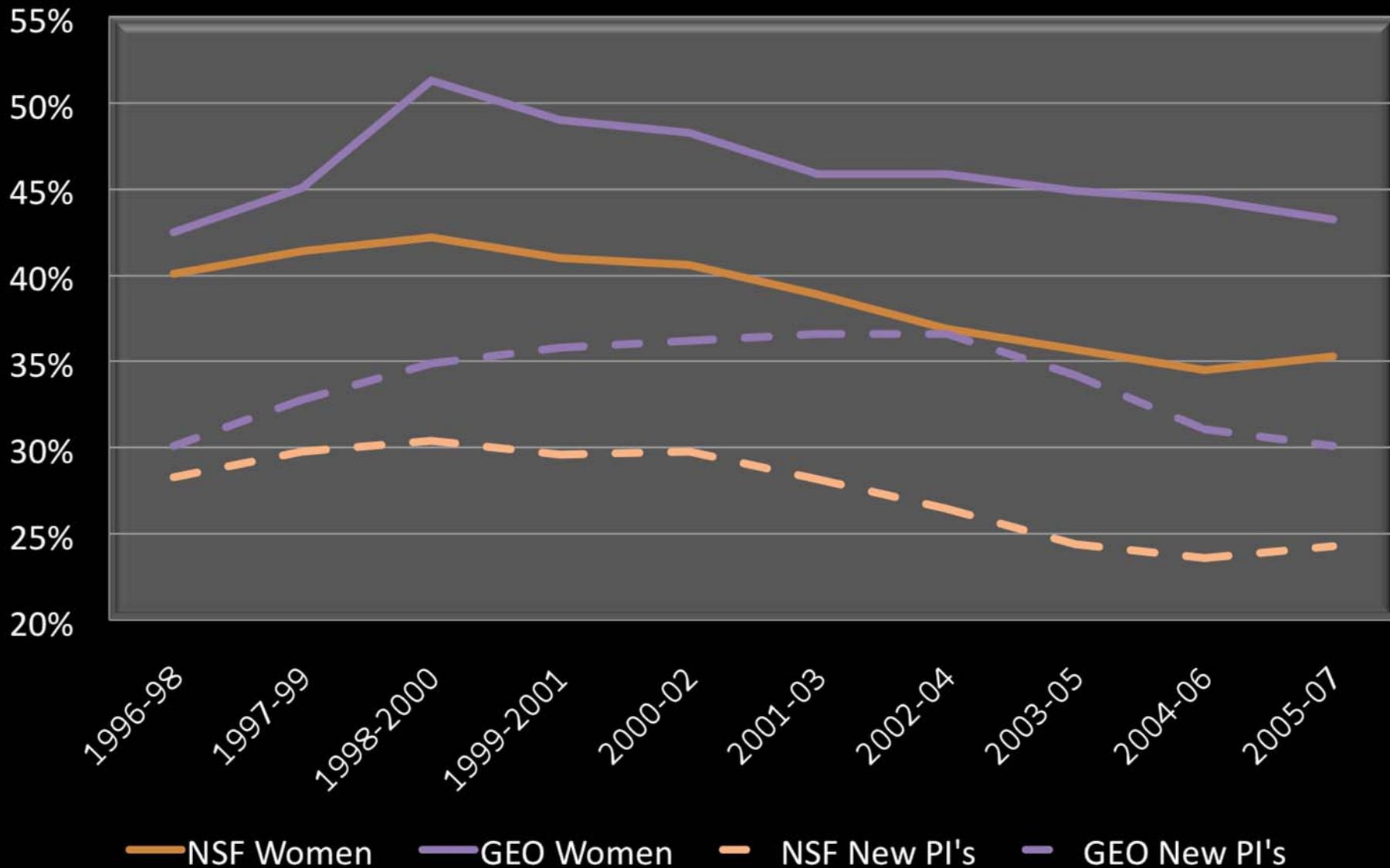
## Trends in Funding Rate for Woman and New PIs (research grants only)



## Trends in NSF PIs with 3 or More Proposals to 1 Award for Women and New PIs (research grants only)



## Trends in NSF PI Funding Rate for Woman and New PIs (research grants only)



Questions and/or Comments

