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NIDCD Small Grant (R03) Program

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NIDCD
National Institute on Deafness and Other Communication Disorders



NIDCD Small Grant (R03) Program

- ORIGINAL EMPHASIS: supports basic and clinical scientists with no prior NIH or federal research support
- CURRENT EMPHASIS: supports basic and clinical research of scientists with no NIH or federal research support who are *in the early stages of establishing an independent research career, and supports individuals transitioning from postdoctoral status to their first independent research/academic position.*

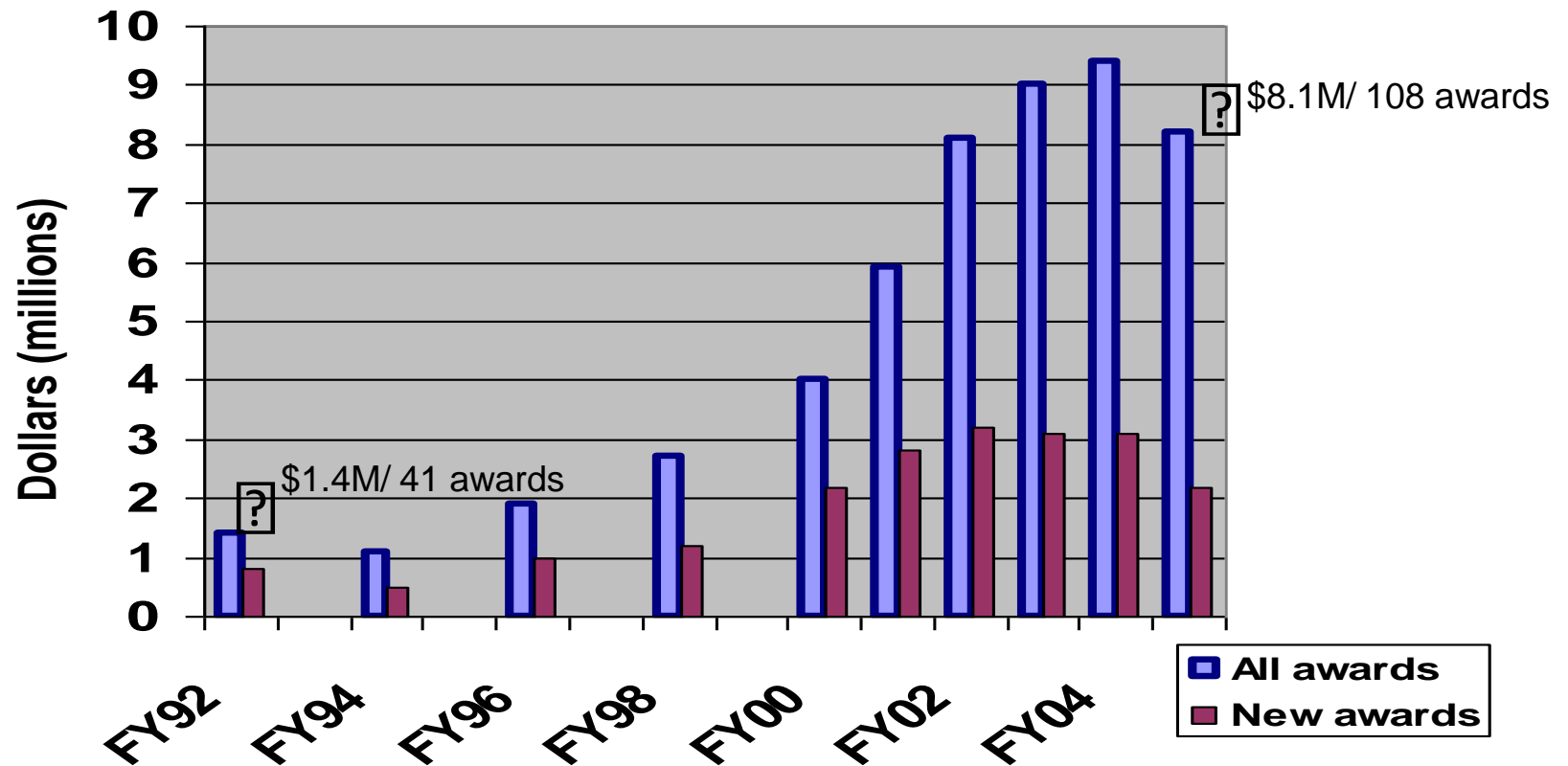
NIDCD R03 Program

- Nov. 1990 – solely for New Investigator
 - \$25,000 (DC); 2 years
 - Goal is to reach R01/R29 support
- Oct. 1995 – ↑ to \$35,000
- Nov. 1996 – ↑ to 3 years
- June 1999 – ↑ to \$50,000; modular budget
- June 2000 – add concurrent or pre-K award
 - Add individual transitioning from postdoc
- 2007 (planned) – ↑ to \$100,000; tighten eligibility

NIDCD R03: Details

- \$50,000/yr. for 3 years; modular budget; research plan totals 10 pages
- Review is conducted by Scientific Review Branch, NIDCD
- Ineligible if a previous/current R03, R15, R29 or R01 grantee
- Eligible if a prior NRSA fellow or mentored K-grantee
- Directed towards the New Investigator: Advanced postdoctoral fellow, research associate or new faculty member; Aids the transition to independence
- May use mentor's resources and space but requires an original research project
- Transferable

R03s: annual expenditures

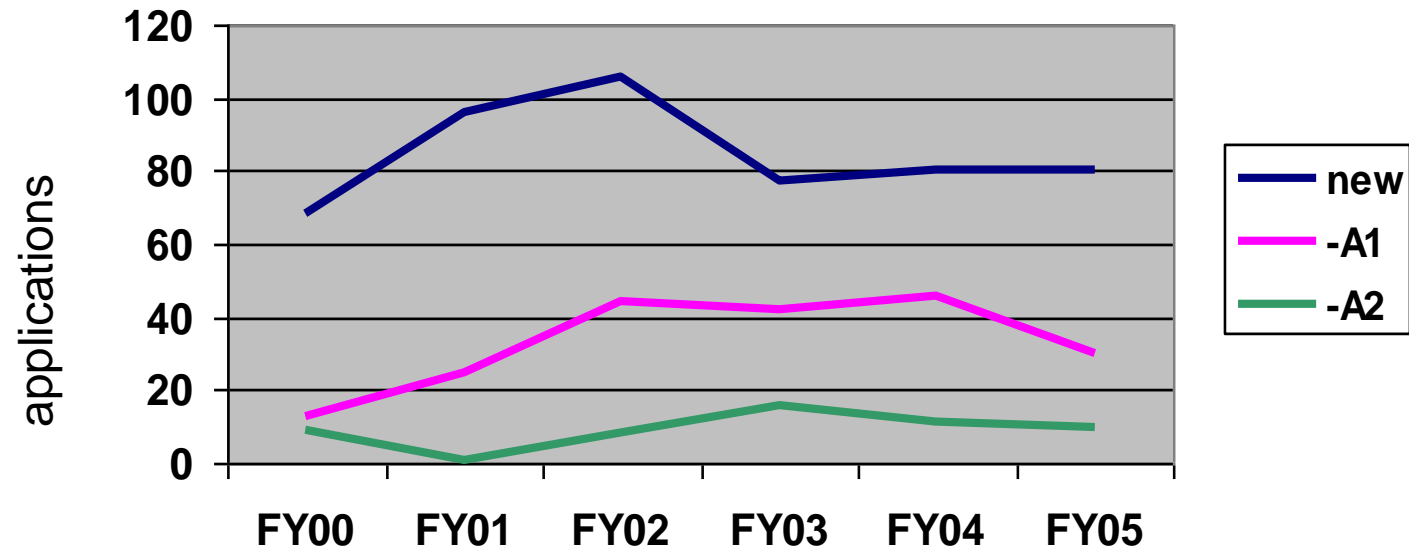


The NIDCD R03 Small Grant Program Awards

	<u>FY00</u>	<u>FY01</u>	<u>FY02</u>	<u>FY03</u>	<u>FY04</u>	<u>FY05</u>
Applications (N)	90	122	158	135	137	120
Awards	31	40	42	42	40	26
Percent Funded	34%	33%	27%	31%	29%	21%
NIH new R03 Success Rate	30%	33%	33%	29%	24%	22%

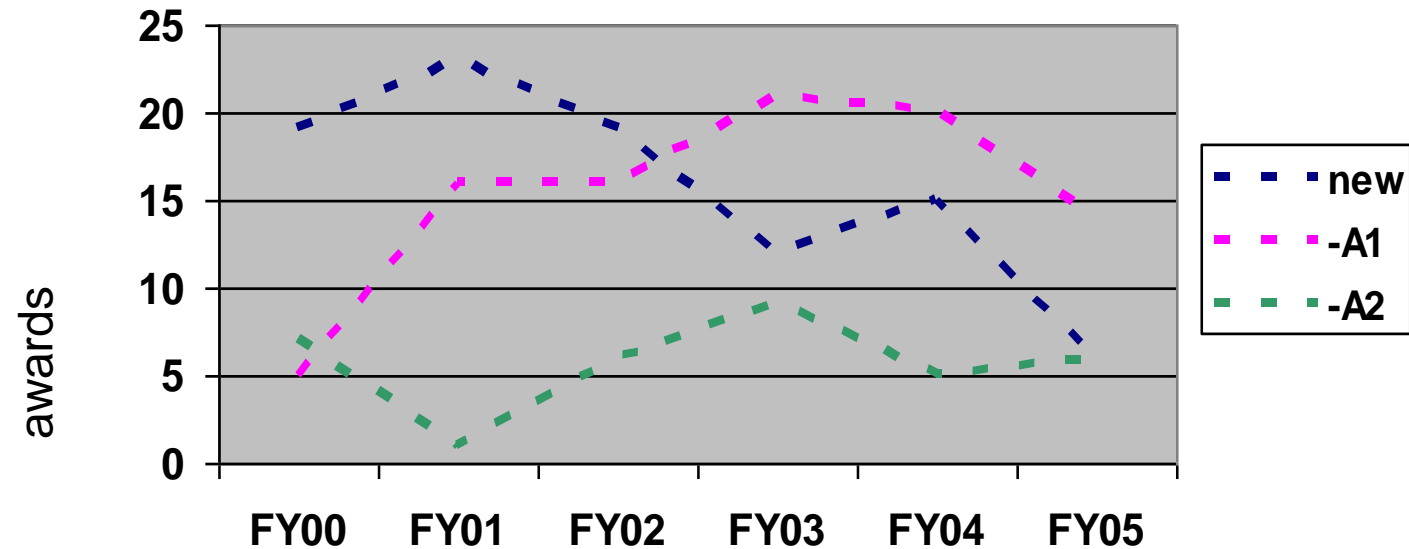
Source: QVR

R03s: amendment profile



Cumulative
% funded

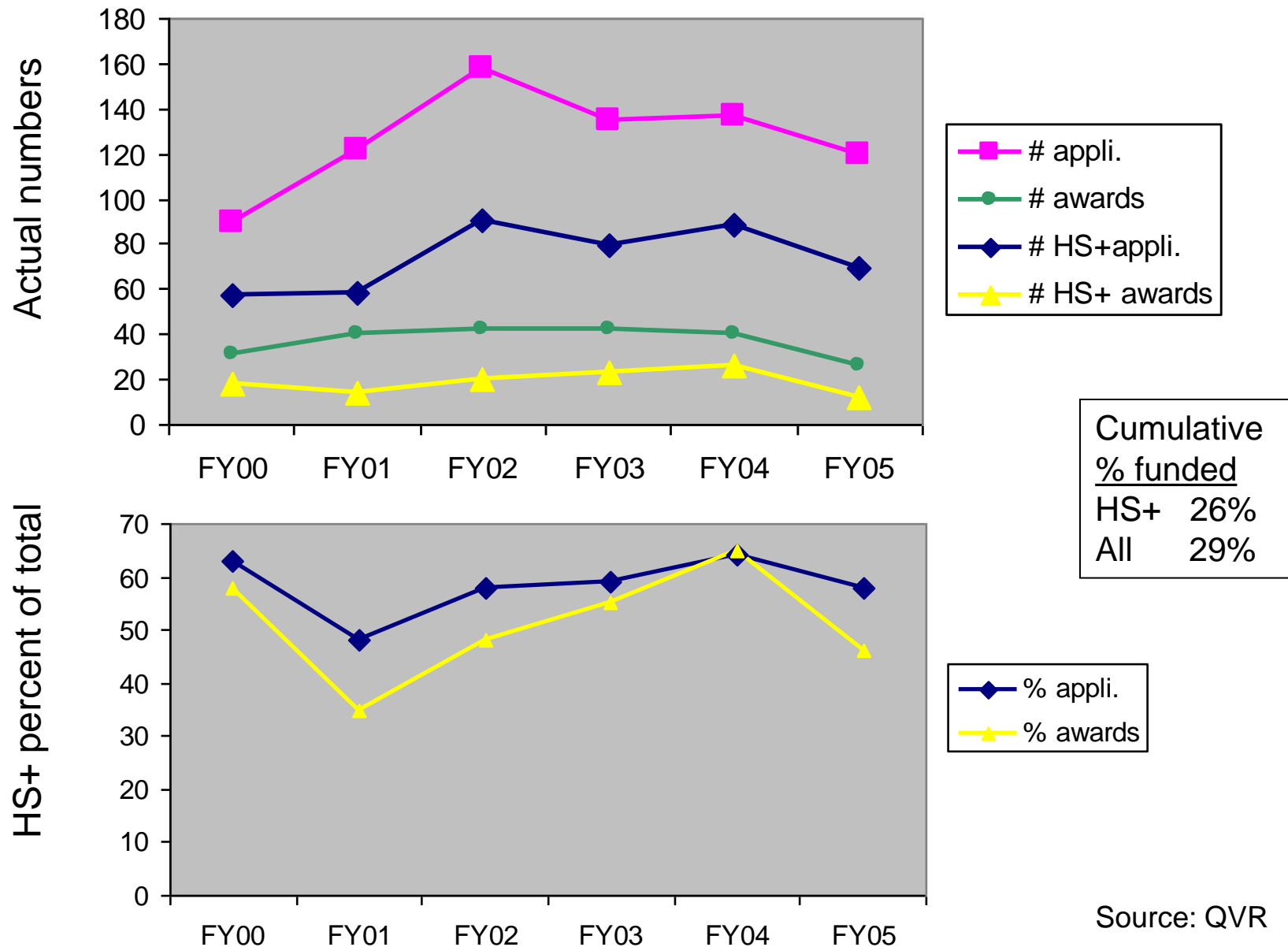
New	19%
A1	46%
A2	62%
All	29%



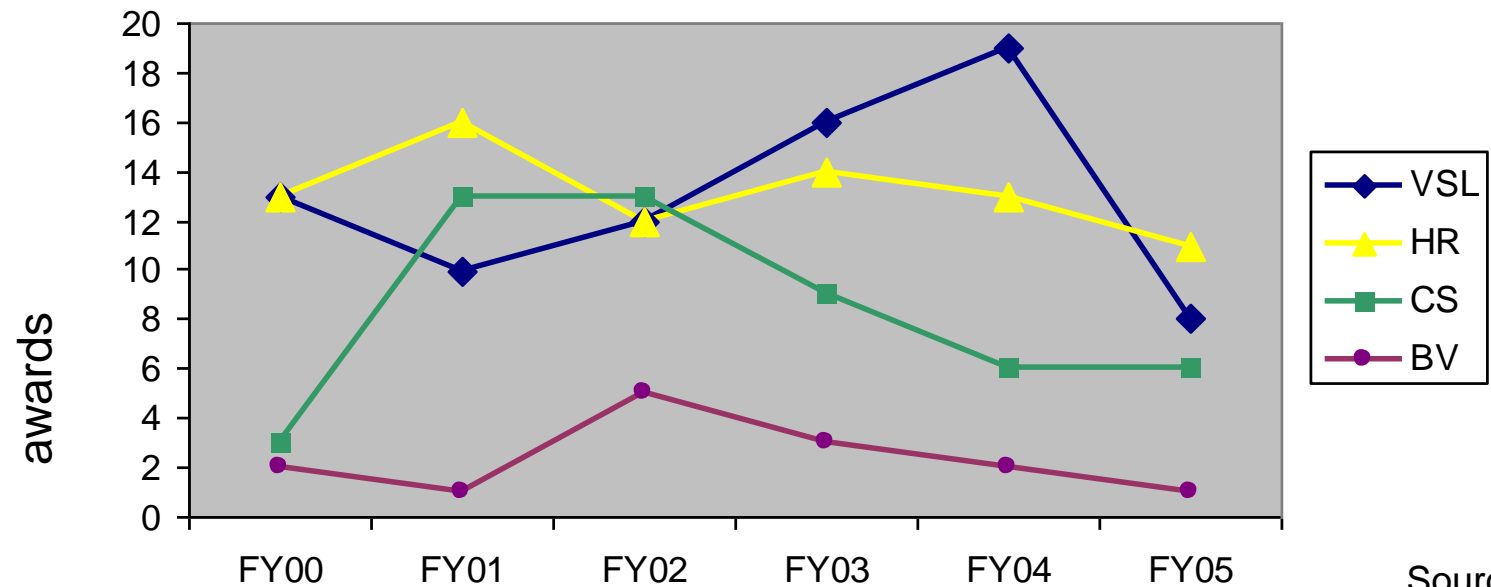
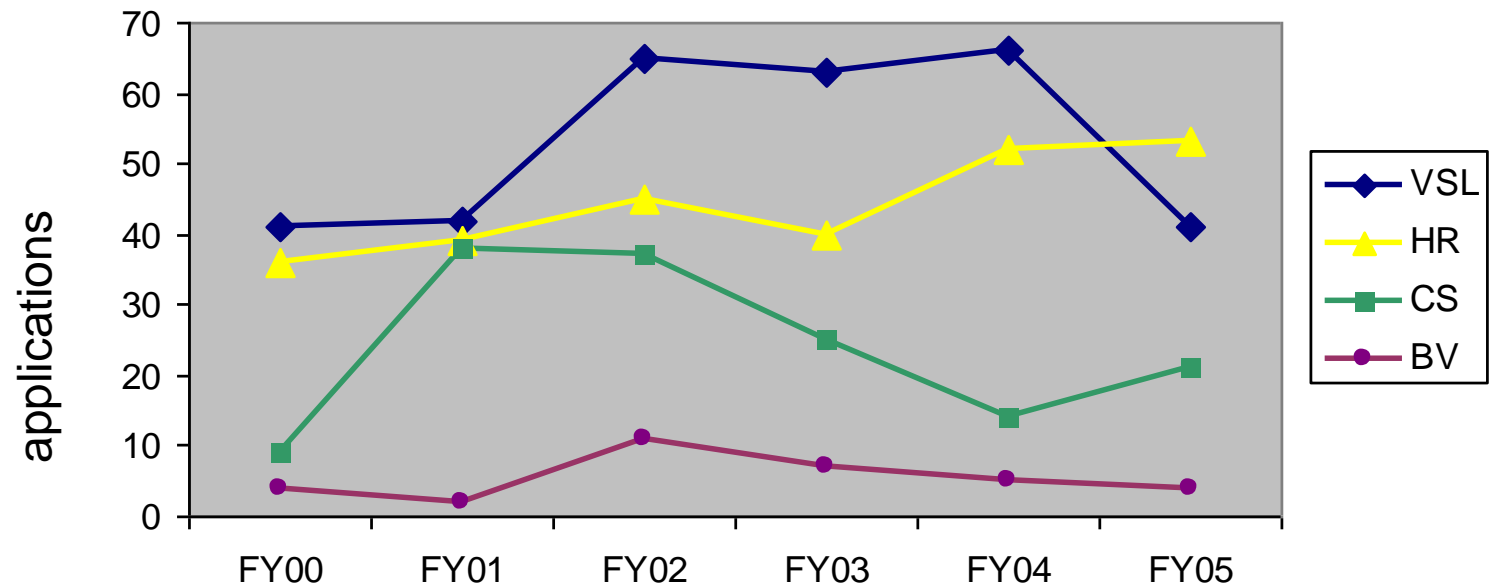
How do Human Subject R03s Fare?

<u>Fiscal Yr.</u>	<u># appli.</u>	<u>% HS+</u>		<u># awarded</u>	<u>% HS+</u>
2000	90	63%		31	58%
2001	122	48%		40	35%
2002	158	58%		42	48%
2003	135	59%		42	55%
2004	137	64%		40	65%
2005	120	58%		26	46%
6 yr. total	762	58%		221	51%

R03s: Human Subjects (HS+) profile



R03s: programmatic profile



Source: QVR

NIDCD New Investigators: NIH Funding History

	FY00	FY01	FY02
N:	19/65	32/72	30/75
R01: % Success *:	29.2%	44.4%	40.0%
NIH Funding History:			
K-award	5%	3%	20%
F32	16%	9%	27%
R03	21%	31%	13%
Straight to R01	58%	59%	30%

***Numbers of new investigators funded / Numbers of new investigator applications reviewed**

Source: NIDCD STARS
12/2002 Analysis

NIDCD R03 Small Grant Program

Subsequent Successful R01/R29 Funding

	Year of R03 Award									
Awards	FY93 5/16	FY94 8/15	FY95 11/23	FY96 15/31	FY97 18/35	FY98 11/24	FY99 10/22	FY00 7/32	FY01 4/36	FY02 1/44
Success (%)	31.2	53.3	47.8	48.4	51.4	45.8	45.4	21.8	11.1	2.3
Year of R01/R29 Award	'95 - '97	'95 - '00	'96 - '02	'96 - '02	'98 - '02	'99 - '02	'01 - '02	'00 - '02	'01 - '02	'02

Source: NIDCD STARS
12/2002 Analysis

Conclusions from FY2002 Evaluation of NIDCD's R03 Program

- R03 funding comes at a critical career point at the end of the postdoctoral experience or beginning faculty appointment, and helps establish a research direction.
 - often provides essential pilot data for an R01.
- The R03 serves as an important bridge to R01 support for some, but not all beginning investigators require small grant support.
- 40-50% of all R03 recipients subsequently obtain R01/R29 support.
- Most R03 awardees who are successful in obtaining an R01 experience a lapse in support between the two.

NIDCD R03: review

- Single dedicated Special Emphasis Panel
 - Hand-picked reviewers
 - Common orientation, goals, and application of review criteria
- Continuity of Reviewers
 - For individual application
 - For meeting-to-meeting
- Issue: great breadth of science
 - Moving to multiple SEPs for smaller, more scientifically focused panels