

Evaluating NIEHS T32 Training Program Outcomes Using CareerTrac

Helena L. Kennedy, Christina H. Drew, Kristianna G. Pettibone, Jerry Phelps, Michael C. Humble, Carol Shreffler
National Institute of Environmental Health Sciences, Division of Extramural Research and Training

T32 Trainees

6,107 trainees at 65 institutions over 30 years



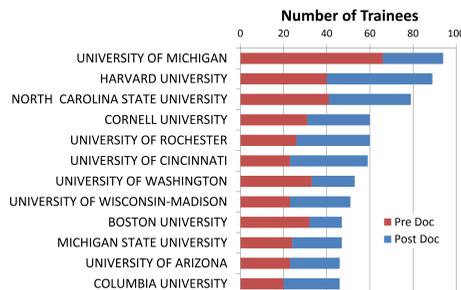
Trainees Hold Previous Degrees From Countries Including China, India, the UK, and Mexico

Of 3,021 records with location information, 175 previous degrees are from countries outside the US



• Trainees obtain prior degrees from all over the world.

T32 Trainees Come from Many Institutions



• The top 12 institutions represent <10% of the degrees reported
• The PreDoc and PostDoc pipelines are different



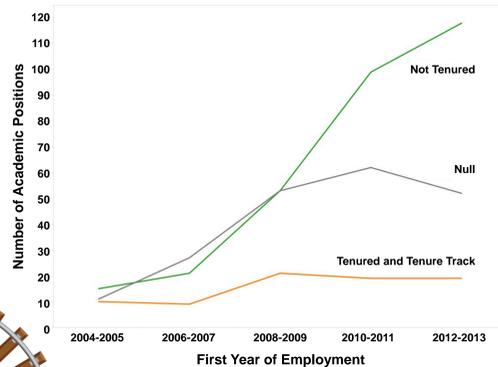
Pre-training Degrees

4,444 previous degrees for 2,702 trainees

• Tenure and tenure track positions in academia are decreasing.

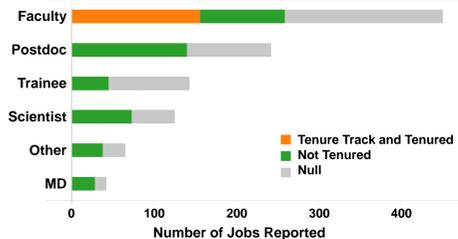
The portion of academic jobs reported with tenure or as tenure track has decreased

581 academic positions reported for trainees starting employment between 2004 and 2013



Most academic jobs are not tenure-track positions

1,068 academic positions reported for trainees following completion of training



Most Common Words from Project Titles by Time Period



In-training Research Focus

3,484 projects described by title, field, and/or scientific emphasis for 3,378 trainees



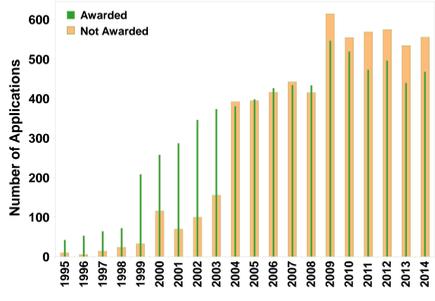
• Evolution of research topics studied since 1978

Career Highlights

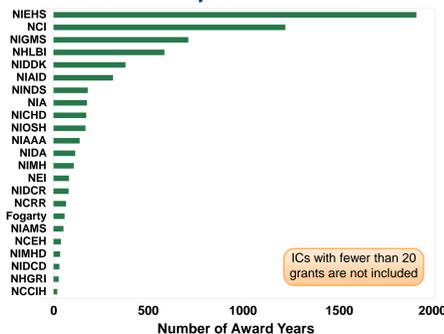
113 Highlights Noted

T32 Alumni increasingly apply for grants, but award rates are dropping

Award status of applications submitted 1995-2014



NIEHS T32 Alumni Receive Awards From Many NIH Institutes



• Award years = cumulative years of grant awards since 1985



National Institutes of Health

NIH Grants
14,006 grant applications for 1,626 trainees

Honors and Awards

504 Recorded

Other Fellowships

170 Recorded

Products and Policies

48 Recorded

Employment

2,553 positions for 2,008 trainees



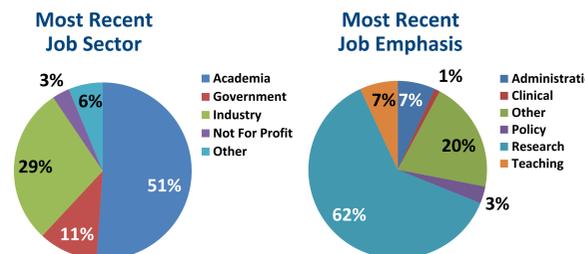
Post-training Degrees

59 degrees earned after T32 for 52 trainees recorded



• Few post training details are reported in CareerTrac

Trainees obtain jobs in all different employment sectors and emphases.



• CareerTrac is the only system that collects this type of data.