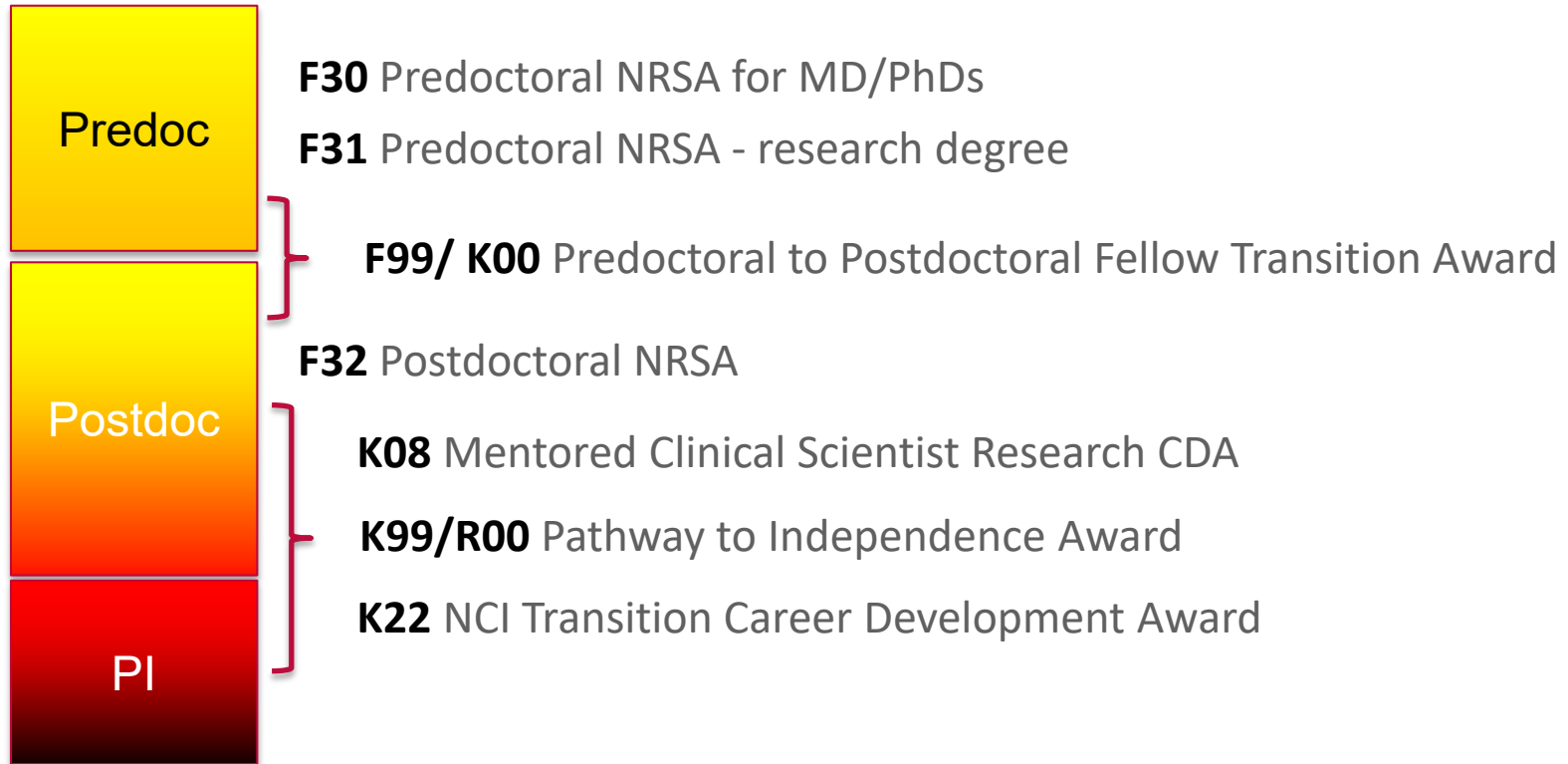


NCI Research Training and Career Development Awards

**Michael Schmidt, PhD
Center for Cancer Training**

**DCB New Grantee Workshop
02/05/2020**

Research Training and Career Development Awards



Cancer Training at the NCI

Cancer Training Branch (CTB) Center for Cancer Training (CCT)

- Institutional Training Grants
- Individual Career Development Awards
- Transition Awards
- Fellowships

1,208 awards
\$171.3 M

Diversity Training Branch (DTB) Center to Reduce Cancer Health Disparities (CRCHD)

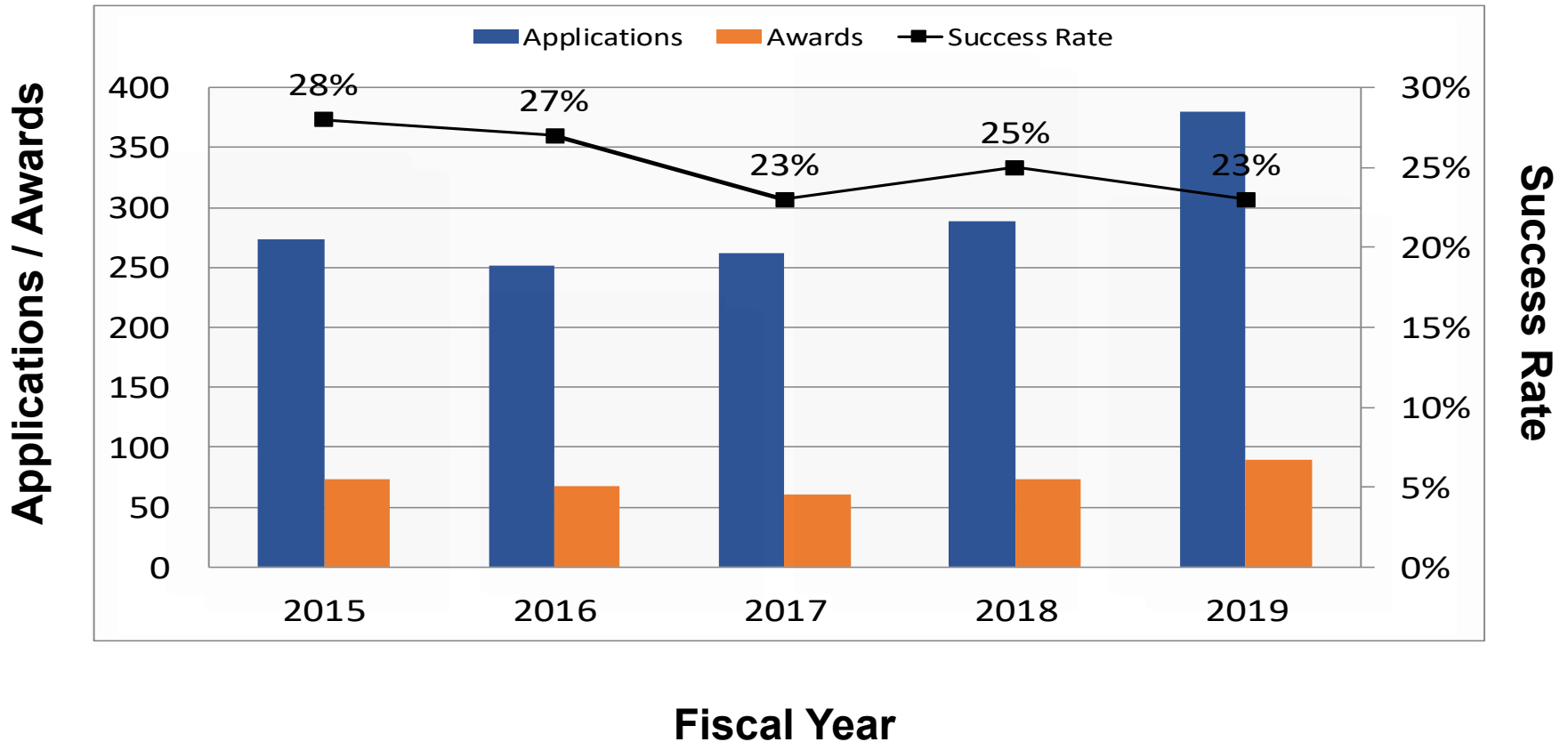
*Awards intended for underrepresented minorities
and individuals with disabilities*

- Individual Career Development Awards
- Transition Awards
- Fellowships
- Research Supplements to Promote Diversity

Ruth L. Kirschstein National Research Service Award (NRSA) Individual Fellowship

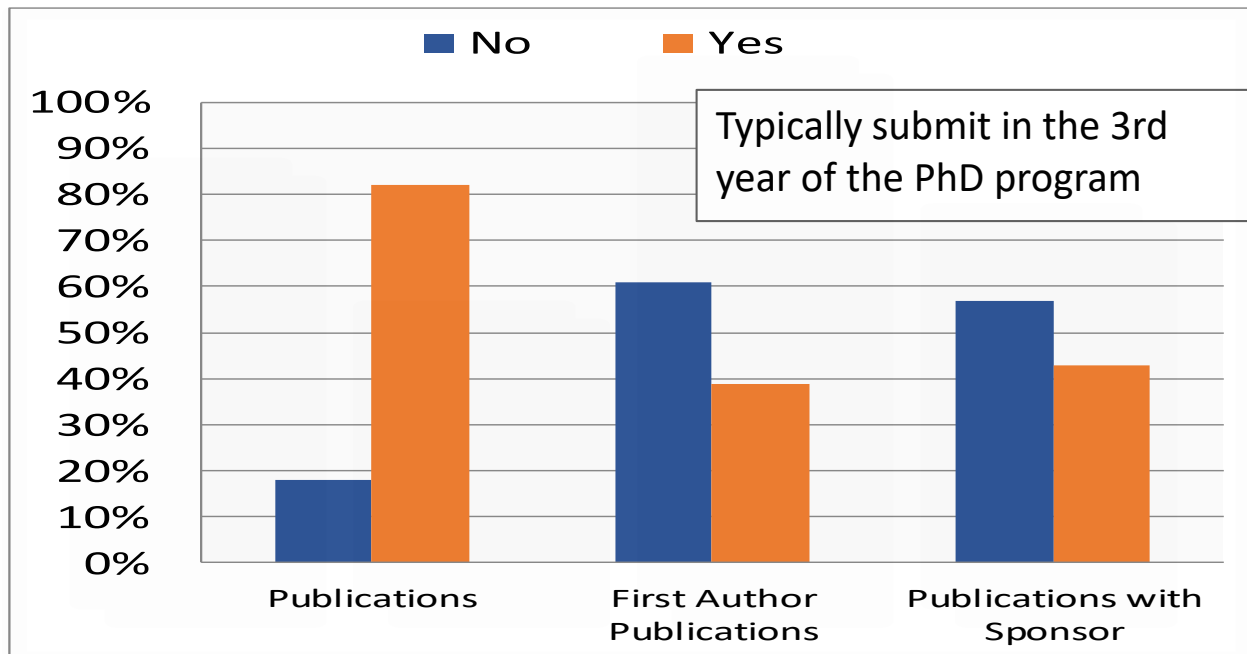
- Stipend (full-time effort required)
 - Predocs (F30 or F31): \$24,816 per year for up to 5 or 6 years
 - Postdocs (F32): \$50,004—\$61,308 per year for up to 3 years
- Partial tuition and fees
 - 60%, up to \$16,000 (in a degree program) or \$4500 (postdocs)
- Funds for training-related expenses (mostly health insurance)
 - \$4200 for a predoc trainee; \$10,850 for a postdoc trainee

F31 Applications, Awards and Success Rates



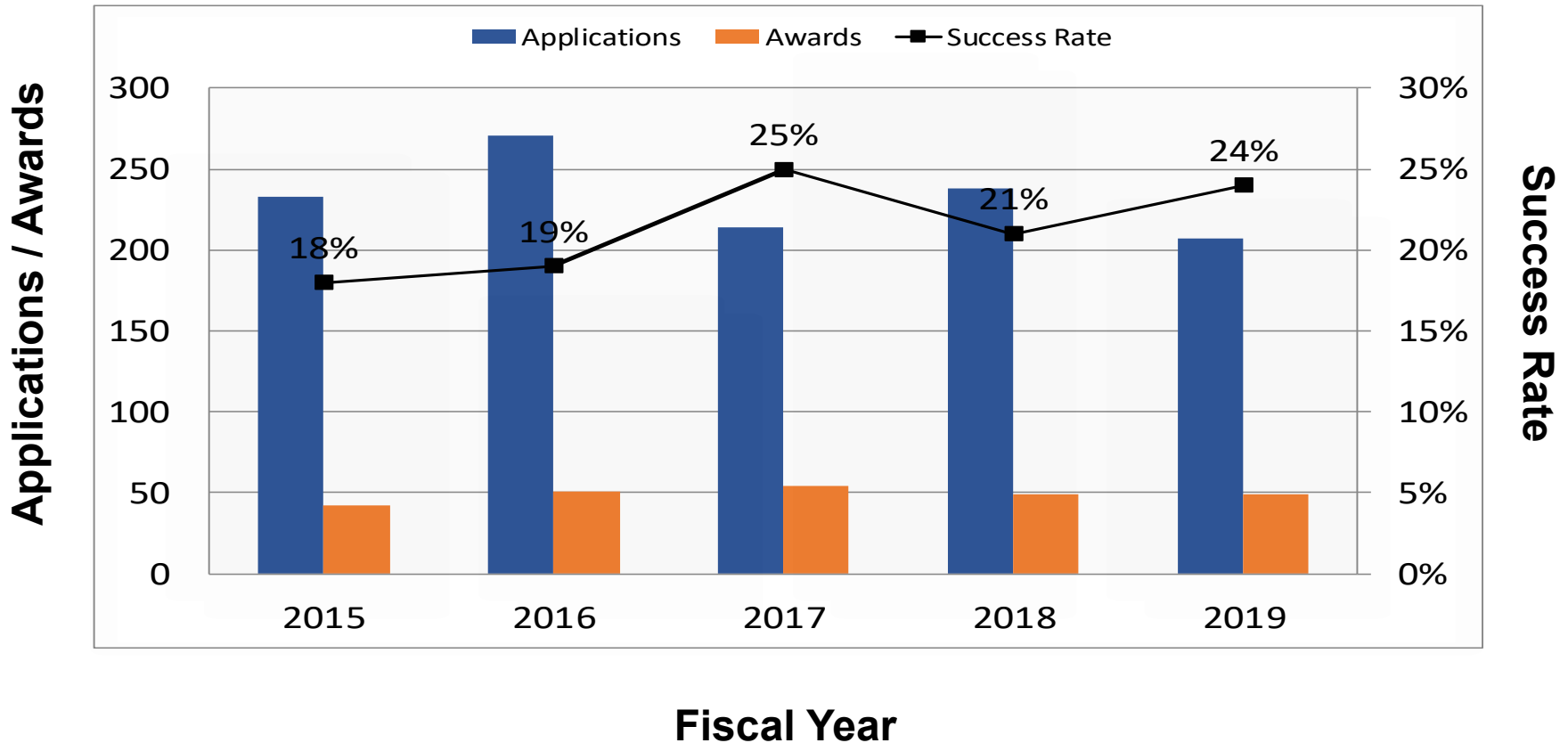
F31 Pre-doctoral Fellow Characteristics

Enrolled in research doctoral degree (e.g., PhD) programs
US Citizens or Permanent Residents



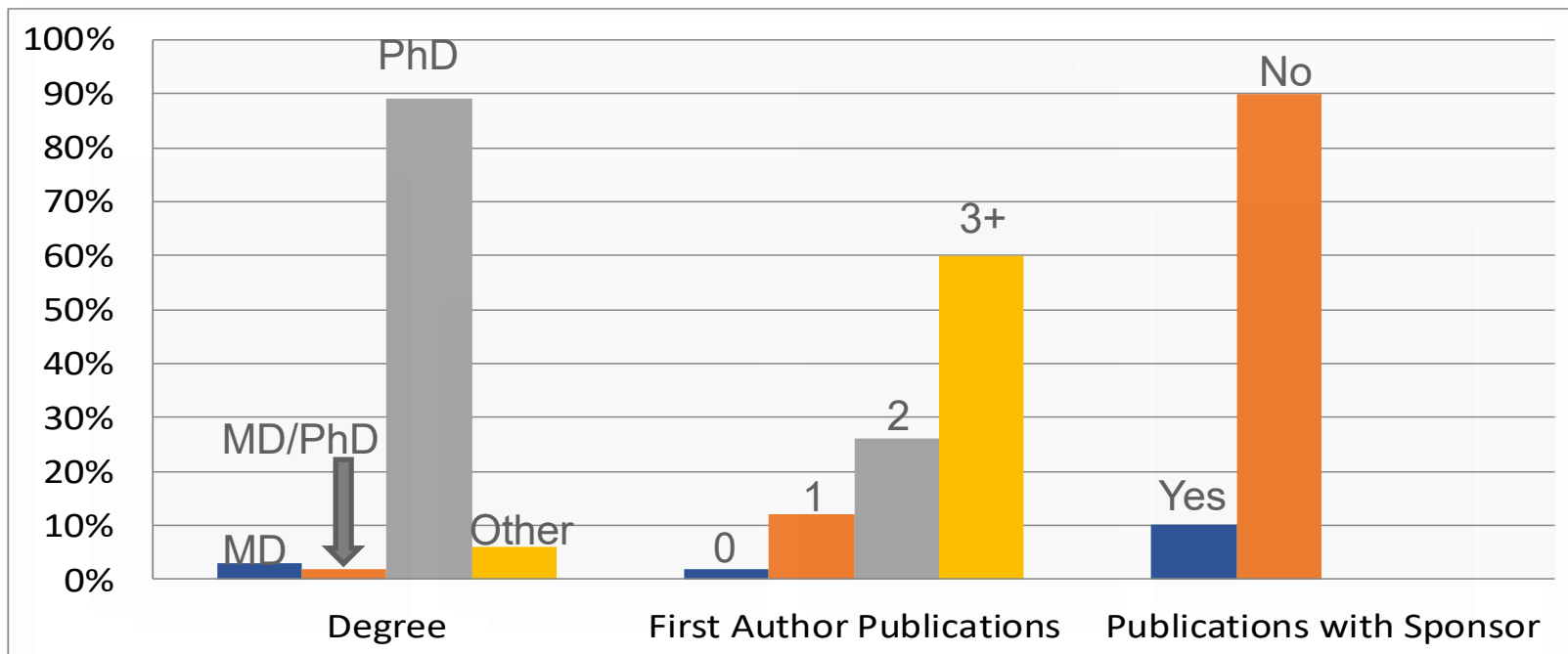
70-75% of applicants have a pub,
30% have 1st author pub

F32 Applications, Awards and Success Rates



F32 Post-doctoral Fellow Characteristics

US Citizens or Permanent Residents
Typically submit during the 1st (30%) or
2nd (60%) year of postdoc.



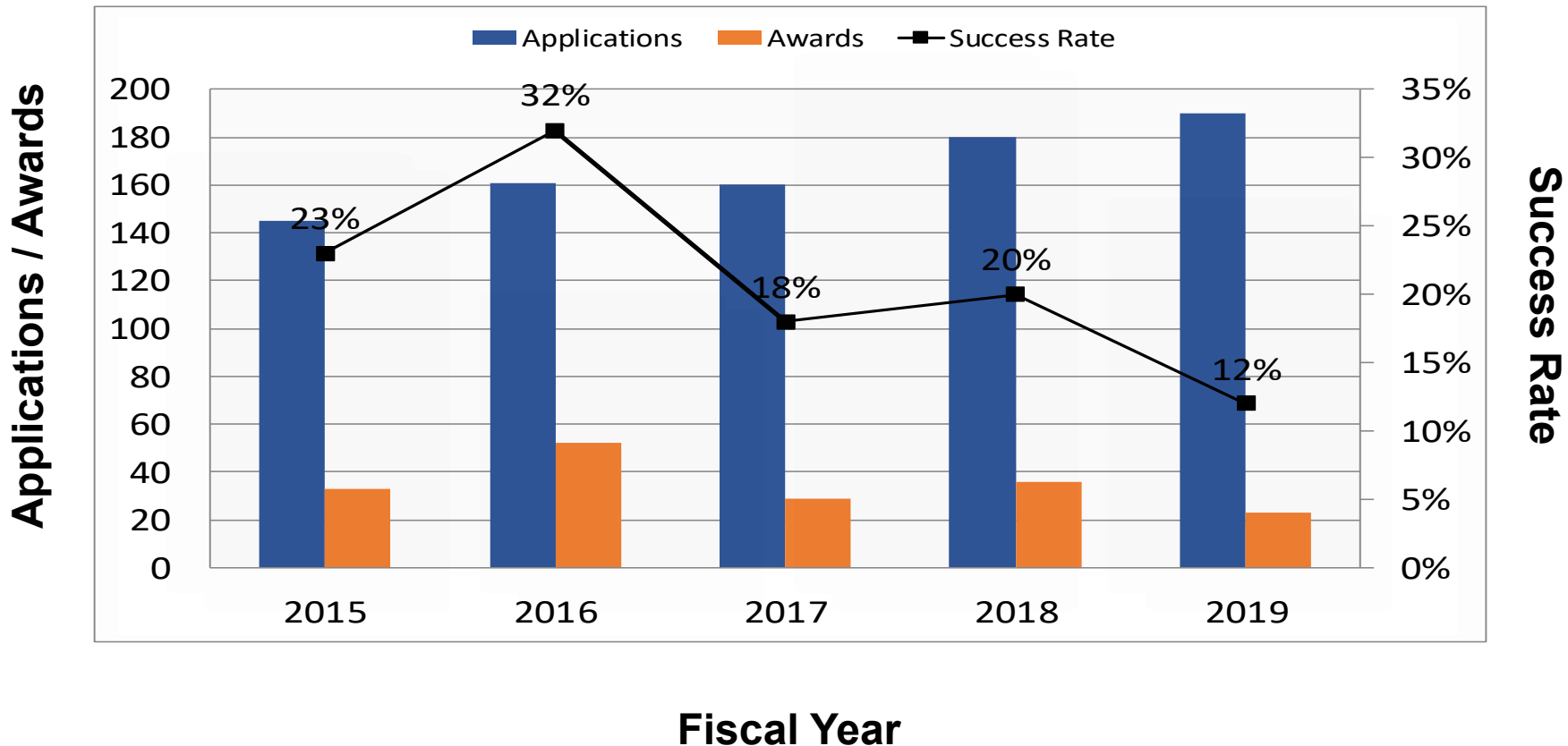
NCI Career Development (K) Award Applications

- Ensure that a diverse pool of highly trained scientists is available in appropriate scientific disciplines to address the Nation's biomedical, behavioral, and clinical research needs.
- K08: provide "protected time" (3-5 years) to support didactic study and/or mentored research for individuals with clinical doctoral degrees
- K22 and K99/R00: help outstanding mentored, non-independent investigators in transitioning to research independence

K99/R00 Pathway to Independence Award

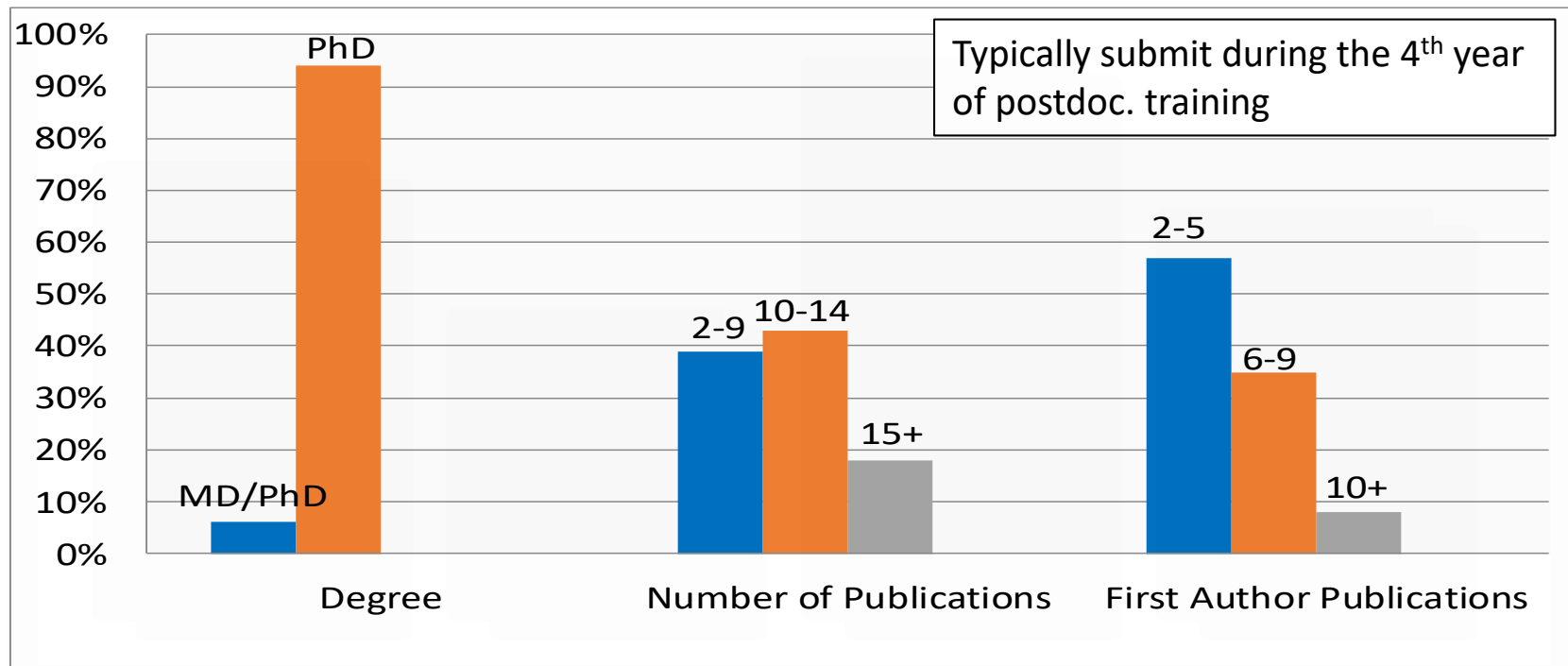
- **Objective:** To help outstanding postdoctoral researchers complete needed, mentored career development and transition in a timely manner to independent, tenure-track or equivalent faculty positions.
- **Eligibility:**
 - U.S. citizens and non-U.S. citizens (@domestic institutions)
 - Less than **4 years** of postdoctoral research training
 - Cannot have held an independent faculty or tenure-track position
- **Award:**
 - **Mentored Phase (K99)** (1 - 2 years):
salary: up to \$100K/year; fringe benefits; research support: 30K/ year
 - **Independent Scientist Phase (R00)** (up to 3 years):
salary, fringe benefits, research support: \$249K/ year (total cost)

K99 Applications, Awards and Success Rates



K99 Awardee Characteristics

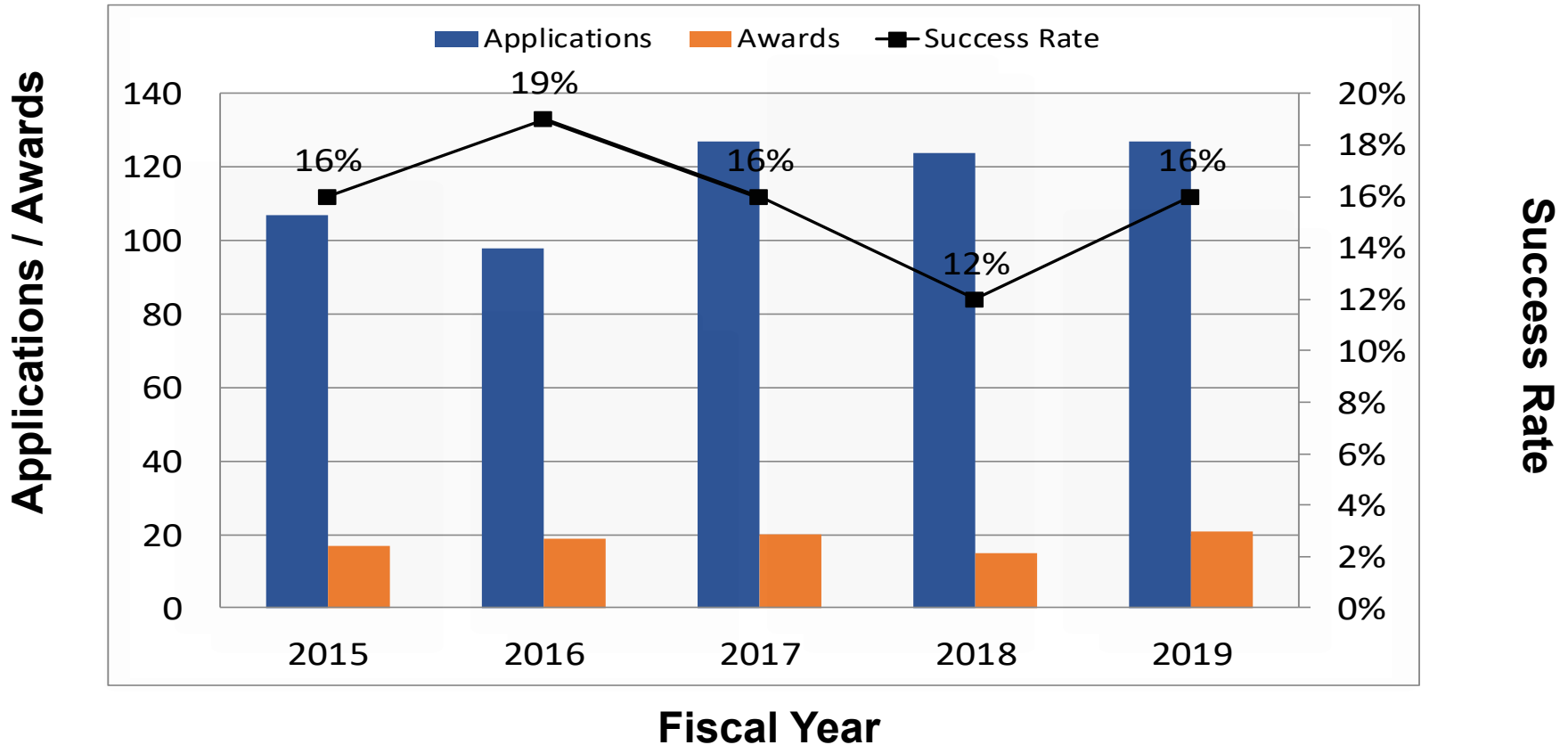
U.S. citizens and non-U.S. citizens



The NCI Transition Career Development Award (K22) PAR-18-467

- **Objective:** facilitates the transition of investigators in mentored, non-independent cancer research positions to independent faculty cancer research positions. The K22 provides protected time for the initial 3 years of the first independent tenure-track faculty position.
- **Eligibility:**
 - U.S. citizens and Permanent Residents (@domestic institutions)
 - **2-8 years** of postdoctoral research training
 - Cannot have held an independent faculty or tenure-track position
- **Research:** all areas of cancer research

K22: Applications, Awards and Success Rates



What are reviewers looking for?

- Candidate: motivated, well-trained, productive
- Mentor(s): strong mentoring and funding track record, highly qualified, committed to support the candidate
- Career development/ training plan: meaningful training in research and professional development
- Research plan: innovative, good training platform/ vehicle for transition to independence (high feasibility/ high impact; niche for applicant's own lab)

Tips for mentors/ sponsors

- Identify co-mentor(s)/ co-sponsor(s)
- Co-mentor(s) should have a clearly defined role in the application
- Develop a training plan/ CDP that is tailored to the needs of the applicant/ candidate.
- Be actively involved in the grant preparation process
grantsmanship issues = poor mentoring
- Avoid scientific overlap + no text duplication from R01

CTB Website: www.cancer.gov/grants-training/training/funding

1-800-4-CANCER Live Chat Publications Dictionary

ABOUT CANCER CANCER TYPES RESEARCH **GRANTS & TRAINING** NEWS & EVENTS ABOUT NCI search

Home > Grants & Training > Training > Funding for Cancer Training

TRAINING

Cancer Training at NCI +

Funding for Cancer Training

- NCI F30 Award
- NCI F31 Award
- NCI F32 Award
- NCI F33 Award
- NCI F99 Award
- NCI K07 Award
- NCI K08 Award
- NCI K12 Award
- NCI K22 Award
- NCI K99 Award**
- NCI R25 Award
- NCI T32 Award

Evaluation of the Career Development (K) Awards Program

Building a Diverse Workforce +

Other Fellowships and Internships

About Center for Cancer Training (CCT)

CCT Staff & Contact

The Pathway to Independence Award (K99/R00)

The NIH Pathway to Independence Award (K99/R00) helps outstanding postdoctoral researchers complete needed mentored training and transition in a timely manner to independent, tenure-track or equivalent faculty positions.

NCI will accept K99/R00 applications in all areas of cancer research.

Reference the Program Announcements [PA-18-397 \(K99/R00 - Independent Clinical Trial Required\)](#) and [PA-18-398 \(K99/R00 - Independent Clinical Trial Not Allowed\)](#) or contact the program staff.

ON THIS PAGE

- [Applicant Eligibility](#)
- [Budget](#)
- [How to Apply](#)
- [NCI Special Notes](#)
- [Resources](#)
- [NCI Staff Contacts](#)

Applicant Eligibility

Citizens, Foreign Nationals, and U.S. Visa Holders

- There is no citizenship requirement for K99 applicants. An applicant may be a citizen or a non-citizen national of the United States, have been lawfully admitted for permanent residence (i.e., possess a currently valid Permanent Resident Card USCIS Form I-551, or other legal verification of such status), or be a non-U.S. citizen.
- For applications submitted on behalf of non-U.S. citizens with temporary U.S. visas, visa status during each phase of the K99/R00 Award must allow the PD/PI to conduct the proposed research at the applicant institution.
- For the K99 phase of the award, the applicant institution is responsible for

Take home message



Motivate your students/ postdocs to apply



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CANCER
INSTITUTE**

www.cancer.gov

www.cancer.gov/espanol