

NCAB *Ad Hoc* Subcommittee on Experimental Therapeutics Support for Translational & Clinical Sciences in Center for Cancer Training Portfolio

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Interagency Oncology Taskforce Fellowship (IOTF)

Partnership between NCI and the FDA – started 2005

- to bring safe and effective drugs, regimens, and devices from the bench to the bedside as quickly as possible

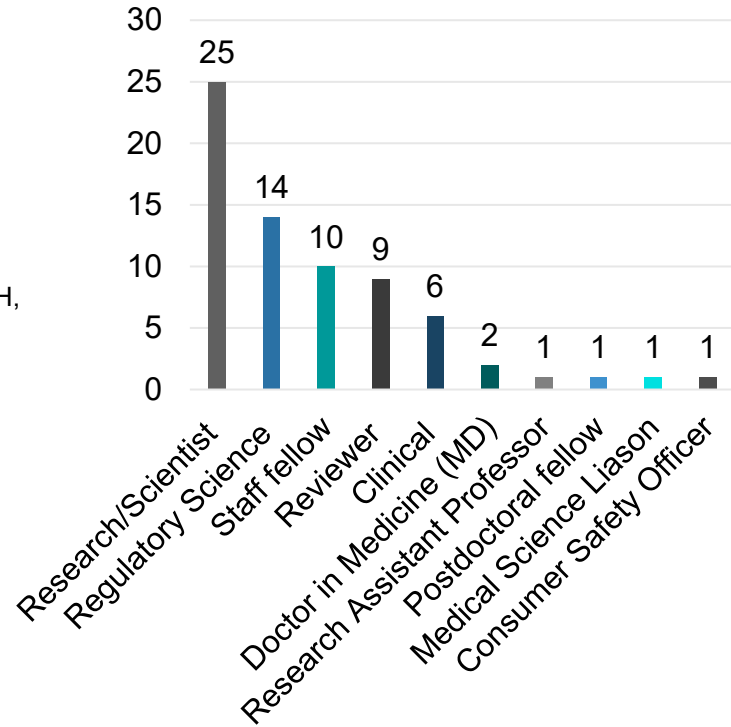
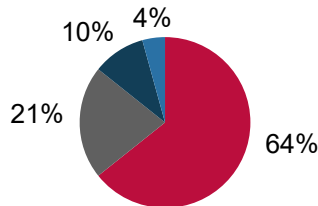
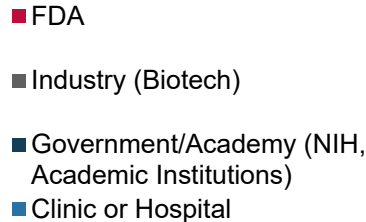
Program – 2 year fellowship

- train scientists in research and research-related regulatory review, policies, and regulations
- learn to build awareness of regulatory requirements into the early stages of the medical product development process
- develop strategies to improve planning throughout research and regulatory review

Graduates - 70 to date

- develop skills valuable to academia, the pharmaceutical industry, and government agencies

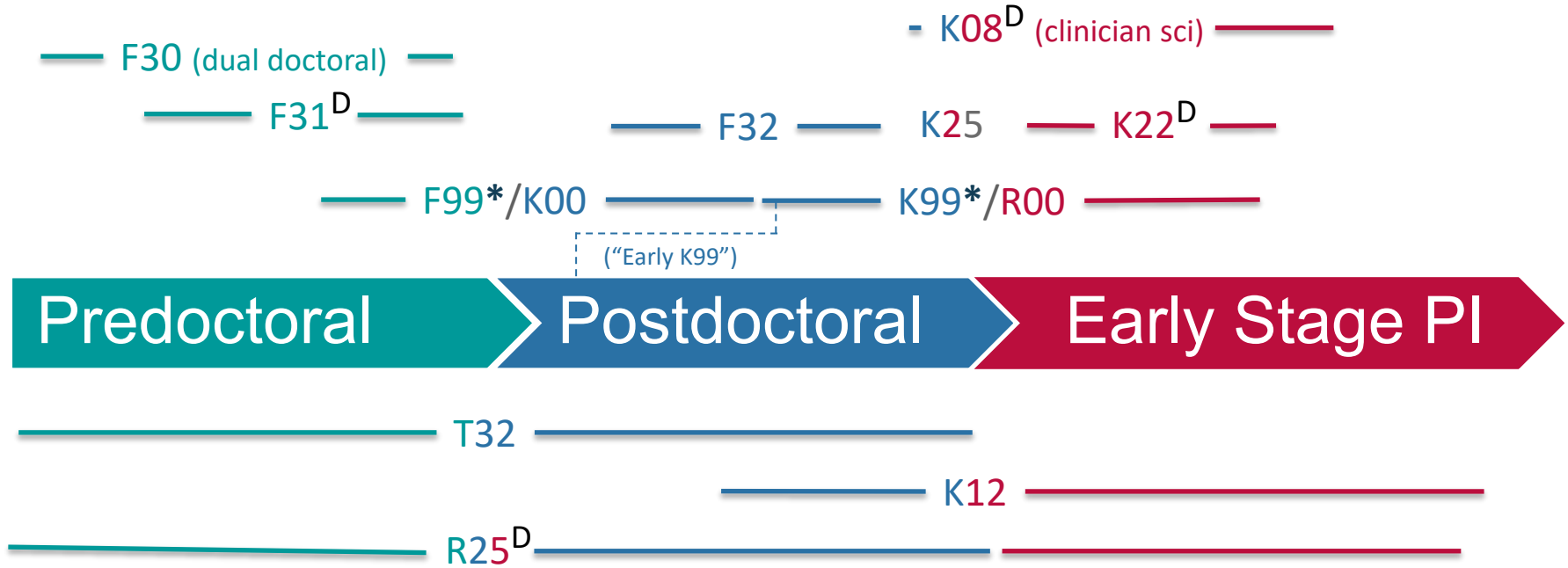
Current Affiliation





NCI Supports Cancer Training at Multiple Career Stages

Loan Repayment Programs (LRP) <https://www.lrp.nih.gov/>



F33 K01D K18 K38

*Open to Applicants with U.S. Visas

^D Diversity FOA available CRCHD

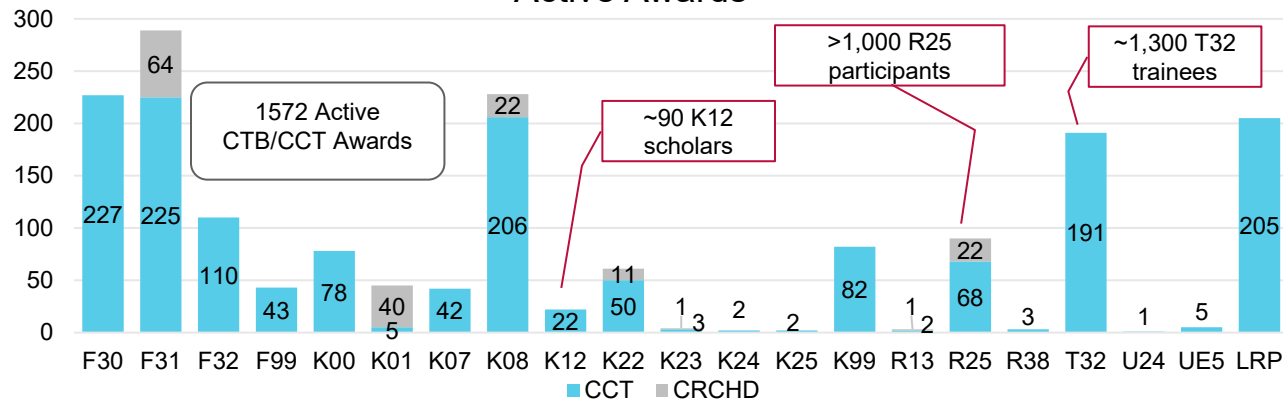
• <https://www.cancer.gov/grants-training/training/funding>

• <https://www.cancer.gov/about-nci/organization/crchd/diversity-training/cure>

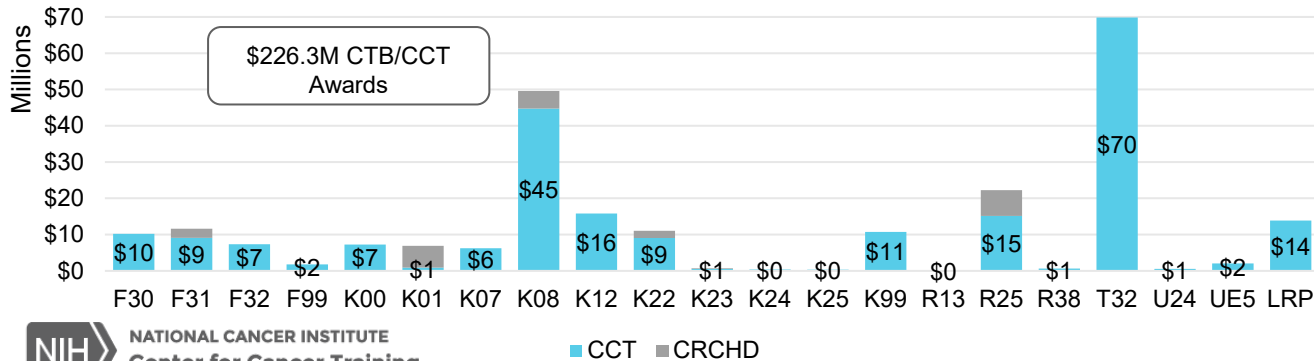


NCI Portfolio Snapshot – January 2022

Active Awards

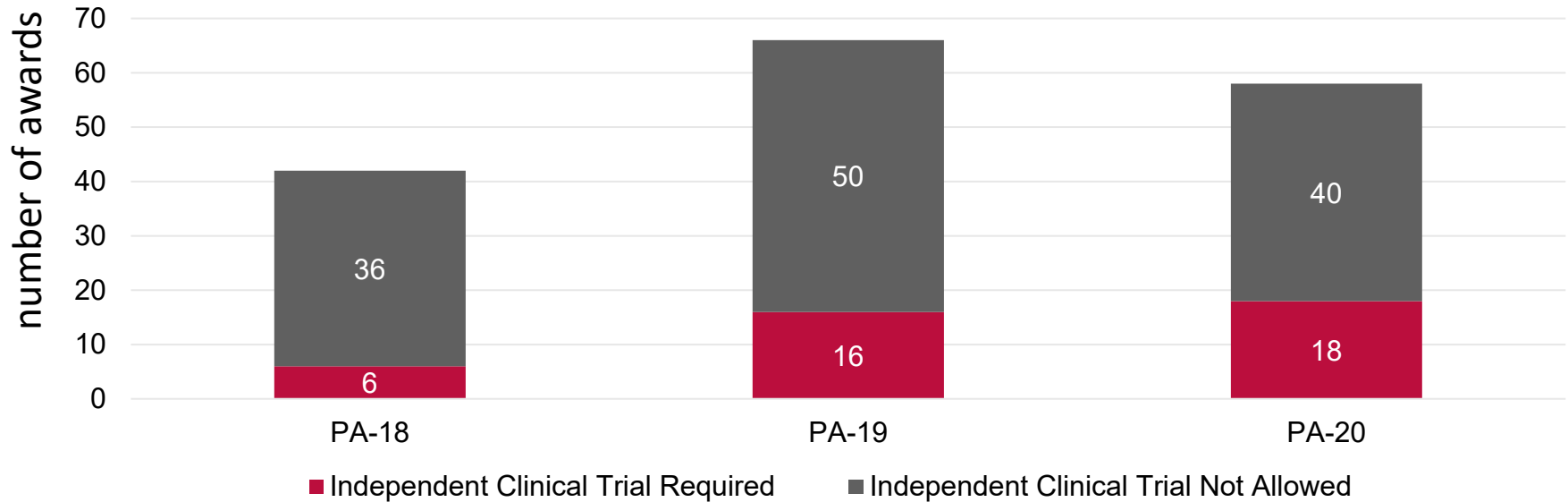


Active Award Funding



2 K12: 8 patents
 2 R25: 4 patents
 29 T32: 78 patents

Clinical Trials in NCI K08 Awards by PA



Current Program Announcements:

- [PA-20-201 \(Parent K08 Independent Basic Experimental Studies with Humans Required\)](#)
- [PA-20-202 \(Parent K08- Independent Clinical Trial Required\)](#) *interventional trials*
- [PA-20-203 \(Parent K08- Independent Clinical Trial Not Allowed\)](#) *can include other trials*

Relevant Keyword Hits in T32 and R25

- “regulatory”
 - R25 1 hit (PI Schatten, Gerald) https://reporter.nih.gov/search/li5_TfLmwkaxO2qVOdMo_w/project-details/10004571
 - T32: 2 hits https://reporter.nih.gov/search/_CLiB3sNNkK9OGn3fMlfXA/projects
- “fda”
 - T32 4 hits <https://reporter.nih.gov/search/wFd8HGOZC0Ob9XP3kXrSOQ/projects>
- “into the clinic”
 - R25: 4 hits https://reporter.nih.gov/search/nAdFEEjomEm_18ROB7VfSg/projects
 - (PI Sawyers) AACR Molecular Biology in Clinical Oncology Workshop
 - (PI Berger) Case Western Case CCC Youth Engaged in Science
 - (PI Kelly) Partnership in Cancer Research (PCAR)
 - (PI Hershberger) Summer Research Experiences in Cancer Science and Oncology
 - T32: 14 hits <https://reporter.nih.gov/search/JaLWV6mEhkWNR1N2nq7nQ/projects>
- “IND” none

5R25CA068647 Methods in Clinical Cancer Research Workshop

- “Vail workshop” – AACR & ASCO co-sponsor - <https://vailworkshop.org/>
- Week long workshop designed to educate and train early-career investigators in the best practices of clinical trial design
- Recent publication <https://pubmed.ncbi.nlm.nih.gov/34312215/>
 - objectives: (i) provide training in the methods, design, and conduct of clinical trials; (ii) ensure that clinical trials met federal and international ethical guidelines; (iii) evaluate the effectiveness of the workshop; and (iv) create networking opportunities for young investigators with mentoring senior faculty
 - educational methods: (i) didactic lectures, (ii) Small Group Discussion Sessions, (iii) Protocol Development Groups, and (iv) one-on-one mentoring
 - from 1996 to 2014, 1,932 students from diverse backgrounds attended the workshop;
 - now 100 attendees/year selected from >200 applicants
 - at the end of the workshop, faculty rated 92% to 100% of the students' protocols as ready for IRB submission
 - long-term follow-ups indicated that more than 92% of students were actively involved in patient-related research, and 66% had implemented five or more protocols



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