NIH NATIONAL CANCER INSTITUTE

Enhancing Diversity in the NCI Intramural Research Community

iCURE

Intramural Continuing Umbrella of Research Experiences (iCURE)

Prospective Applicants

What is iCURE?

iCURE is a new program that attracts students and scientists into the multidisciplinary environment of the **NCI Intramural Research Program (IRP)** and supports their mentored experiences.

iCURE is an extension of the NCI **Center to Reduce Cancer Health Disparities' (CRCHD)** highly successful extramural Continuing Umbrella of Research Experiences (CURE) training program. CURE supports the career progress of its scholars toward research independence and fosters diversity in the biomedical research pipeline.

What Does iCURE Offer?

The iCURE program provides:

- **One-year awards** for post-baccalaureate (including post-master's) individuals
- **Two-year awards** for graduate students
- **Three-year awards** for postdoctoral fellows

iCURE scholars will also enjoy professional and career support such as:

- Opportunities to work closely with world-class researchers in the NCI IRP
- Support from NCI program staff as well as resources on intramural and extramural funding opportunities
- Professional development activities
- Connections to an extensive mentoring network

Am I Eligible?

Eligible candidates include:

- Post-baccalaureate (including post-master's) individuals, graduate students, and postdoctoral fellows
- Citizens, non-citizen nationals, and legal permanent residents of the United States.

iCURE strongly encourages the participation of individuals from underrepresented populations and is aligned with NCI's interest in diversity.

What Types of Research Experiences Does iCURE Offer?

iCURE scholars will enjoy research opportunities in the NCI IRP, which includes the Center for Cancer Research (CCR) and the Division of Cancer Epidemiology and Genetics (DCEG).

CCR conducts **basic and clinical cancer research** and develops breakthrough discoveries into novel therapeutic interventions for adults and children afflicted with cancer or HIV.

DCEG is a global leader in **cancer epidemiology and genetics research**, and is uniquely positioned to conduct projects that are high risk in nature.

AT A GLANCE

iCURE
Conduct research at the National Cancer Institute

Candidates
Post-baccalaureate (including post-master's) individuals, graduate students, and postdoctoral fellows

Diversity
iCURE strongly encourages the participation of individuals from underrepresented populations

Submission Period
Applications accepted October - December. Please check the iCURE webpage for updates.

Where Do I Learn More?

For more information about iCURE, eligibility, and to learn how to apply, please visit:
www.cancer.gov/about-nci/organization/crchd/diversity-training/icure

Prospective candidates are strongly encouraged to contact Dr. Alison Lin at iCURE@nih.gov.

Becoming an iCURE Scholar

You must submit an application to be considered for an iCURE research experience. Once your application has been submitted, it will be reviewed by iCURE program staff and Principal Investigators (PIs) who are interested in being mentors.

You will complete several interviews during the matching process, both with iCURE staff and PIs. More than one PI may offer to interview you.

Generally, the application timeline is:

October - December
Applications Accepted

January - February
Application Review

March
First Round Decisions

March – May
Interviews

June
Final Award Decisions

September 1
iCURE Start Date

Frequently Asked Questions (FAQs)

Can I participate in iCURE and continue to conduct research at my current institution?
No. iCURE supports mentored research experiences within the NCI Intramural Research Program on-site in Bethesda, Rockville and Frederick, Maryland.

When do iCURE research experiences begin?
iCURE cohorts start on September 1.

I have a work permit/student visa, am I eligible for an iCURE award?
No, iCURE can only support citizens, non-citizen nationals, and legal permanent residents of the U.S.

Do iCURE scholars get paid?
Yes, iCURE scholars receive standard stipends from NIH.

Does iCURE pay for relocation or housing expenses?
No, iCURE does not provide relocation or housing costs.

Do I need to identify a mentor whom I wish to work with?
No, you do not need to identify or contact a PI or group when you apply to the iCURE program. iCURE will help you match with a mentor. However, we encourage you to let us know if there is a specific PI or project you are interested in.

Can I Interview with more than one potential mentor?
Yes, you may be offered interviews with more than one PI. Additionally, more than one PI may express interest in you joining their group. You may choose to accept or decline offers.

What if the research group I am interested in isn't listed on the iCURE web page?
Please let us know the group you are interested in and we will follow up.

Do I need to submit written recommendations with my application?
No, you do not need to provide reference letters, only the required information listed on the web page. We will contact references directly for recommendations.

Do I need to submit an official transcript by the application deadline?
No, you may provide an unofficial transcript when you apply. However, you may be asked to provide an official transcript at a later date.

What if I need more time to complete my research than the period of support iCURE offers?
iCURE PIs may choose to continue to support your research past the period of support iCURE provides. You will still be welcome to participate in iCURE activities.

For more detailed information about the application process and program requirements, please visit the iCURE webpage or email iCURE@nih.gov.

NCI supports training—

for people at all levels, from high school students to senior investigators

Mission Statement of the Center for Cancer Training (CCT)

The Center for Cancer Training (CCT) at NCI is helping to build a 21st century workforce capable of advancing cancer research using a scientifically integrated approach.

CCT works to accomplish this mission by:

- Coordinating and providing research training and career development activities for fellows in NCI's laboratories, clinics, and research groups.
- Developing, coordinating, and implementing opportunities in cancer research education and career development at institutions nationwide.
- Identifying workforce needs in cancer research and creating training and career development programs to address those needs.

www.cancer.gov/CCT

For more information on training opportunities offered by

NCI's Center for Cancer Training

e-mail: ncicct@mail.nih.gov

For the most complete information, go to:

www.cancer.gov/CCT

NIH Publication No. 12-7558
Printed July 2012

NIH...Turning Discovery Into Health®

National Cancer Institute

Train for the Future

NCI's Center for Cancer Training

www.cancer.gov/CCT

DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

NCI Supports Training

Opportunities to train in basic, translational, and clinical cancer research exist in NCI's intramural laboratories, clinics, and research groups and at extramural institutions across the country.

Three Training Programs on NCI's Campuses

- **NCI's Center for Cancer Research (CCR), Office of Training and Education** offers 1- to 5-year fellowships for training in basic, clinical, and translational cancer research and HIV/AIDS. NCI's largest intramural training program, with about 1,000 fellows and trainees, CCR offers postgraduate, doctoral, and postdoctoral fellowships, as well as clinical training opportunities in anatomic pathology, medical oncology, pediatric hematology/oncology, surgical oncology, and more. CCR also has an extensive general summer internship program and a summer internship program for students from groups that are underrepresented in biomedical science.

  http://ccr.cancer.gov/careers/

- **NCI's Division of Cancer Epidemiology and Genetics (DCEG), Office of Education** offers postgraduate, doctoral, and postdoctoral fellowships and training opportunities. Fellows design, carry out, and publish research studies related to the etiology of cancer in human populations, as well as explore new approaches to cancer prevention.

  http://dceg.cancer.gov/fellowships

- **NCI's Cancer Prevention Fellowship Program (CPFP)** offers 4-year postdoctoral fellowships in cancer prevention and control for individuals from many disciplines, such as epidemiology, basic science, clinical professions, and behavioral science. Mentored research opportunities at NCI and FDA and training toward a Master of Public Health degree are among the program offerings.

  http://www3.cancer.gov/prevention/pob/

Funding for Training to Promote Diversity

NCI offers important opportunities in training to promote diversity. **NCI's Center to Reduce Cancer Health Disparities (CRCHD), Diversity Training Branch** coordinates the Continuing Umbrella of Research Experiences (CURE) program, which provides students and trainees educational and career development funding opportunities that extend from high school through professional appointment. This holistic training program constitutes a pipeline through which students and trainees from groups shown to be underrepresented in health research, gain the skills and knowledge needed to become successful independent scientists. It offers mentored and non-mentored career development opportunities that support individuals through research supplements, CURE supplements, predoctoral fellowships, and career development awards.

http://crchd.cancer.gov/diversity/cure-overview.html

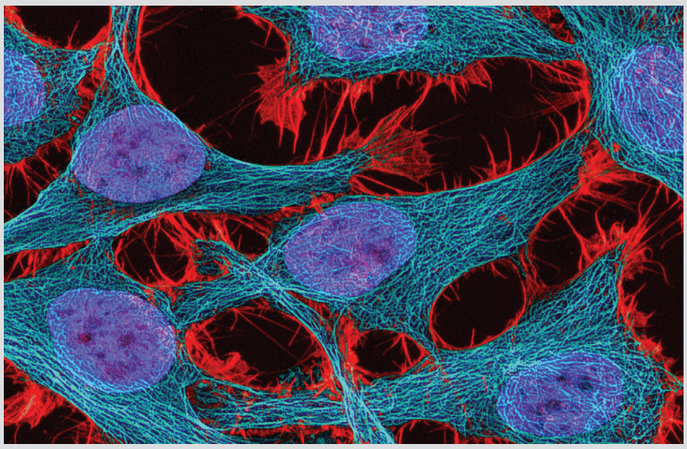
Funding for Training Opportunities Outside NCI

Extramural training and career development programs are administered by **CCT's Cancer Training Branch (CTB)**. CTB offers both individual and institutional training and career development awards for work done at universities and institutions across the country. These extramural grants support training and career development for early stage scientists, clinicians, and other health professionals conducting basic, clinical, and translational research, or focusing on cancer prevention, control, behavioral, and population sciences. Some grant mechanisms help early stage scientists make the transition to independent investigators or provide protected time for newly independent investigators to develop their research programs. Several grant mechanisms support protected time for senior investigators to serve as mentors to early stage investigators, while other grants go directly to research institutions to educate and train predoctoral students, postdoctoral fellows, or clinical fellows.

www.cancer.gov/CCT

Cancer Research Interns

2020 Summer Internship Program

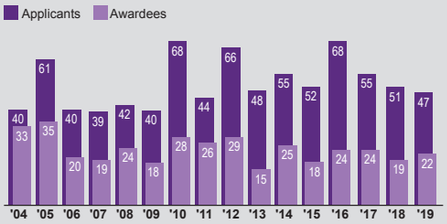


We are pleased to announce the **Cancer Research Interns (CRI) Summer Internship Program** for 2020. The CRI Program is supported by the NCI's Center for Cancer Training, Office of Training and Education. This internship is an initial training opportunity for students with cancer related research interests who have a GPA of 3.0 or higher. A selection panel of NCI Scientists and administrators will review the application packages and interview prospective fellows. We encourage the application of individuals from diverse backgrounds as we look to enhance the diversity of our trainee population. Students from financially disadvantaged backgrounds (with family income at/below the levels published in the *Federal Register*, Volume 84, Number 47, March 11, 2019, pages 8729–8730– see chart) are offered travel support if they live outside the Tri-State area.

Family Size	Income	Family Size	Income
1	$24,980	5	$60,340
2	$33,820	6	$69,180
3	$42,660	7	$78,020
4	$51,500	8	$86,860

Track Record:

The CRI Program offers development and training in the newest biomedical technologies. We have an extensive network of colleges, universities, and minority-targeted programs that CRI fellows have taken advantage of to further their education. More than half of our former interns are currently attending or have completed graduate school.



STUDENT ELIGIBILITY

Applicants must be:

- Age 18 or older (minimum high school graduate)
- In good standing, with a GPA of 3.0 or higher
- U.S. citizens or permanent residents
- Current full-time students with cancer-related research interests

Background Screening:
Students selected will be fingerprinted and must successfully pass a background investigation to receive an NIH ID badge. For more information about the process visit: **www.ors.od.nih.gov**

HOW TO APPLY

The complete application package has four components:

1. **Online Application** —**www.training.nih.gov**

   accepted from mid-November 2019 to January 21, 2020
   Two references are required—both should be written by practicing scientists who know you personally and can speak to your ability to train in a biomedical research laboratory.

2. **Statement of Interest** (no more than one typewritten page) should be sent by January 21st to **vb55k@nih.gov** with:
   a. Name/school/major/graduation date
   b. Career objective
   c. Specific cancer-related interests
   d. Short essay: Describe your training objective and long-term goals, what you will bring to the Center for Cancer Research, and how you will add to the diversity of our trainee population.
   e. Laboratory skills, including computer skills

3. **Official Transcript** should be mailed by March 1st to:

   NCI, CCT– OD
   Office of Training and Education
   9609 Medical Center Drive – 3W 122
   Bethesda, MD 20892-9707

4. **Statement of Financial Eligibility** should be sent by U.S. mail to the address above ***no later than March 1, 2020***.

OTHER PROGRAM NOTES

Prospective CRI fellows will be interviewed by the selection panel and notified of their acceptance into the program in early March, 2020. Interviews are conducted via telephone or Skype. Acceptance into the program does not guarantee placement in a lab.

For information regarding stipend amounts, please go to: https://www.cancer.gov/grants-training/training/at-nci/crta

All CRI fellows are required to present posters for the NIH annual Summer Intern Poster Day in Bethesda and/or the Summer Student Poster Day in Frederick, Maryland.

If you have any questions, please contact:

Vi Black, Program Manager, Office of Training and Education
NIH/NCI, CCT– OD
9609 Medical Center Drive – 3W 122
Bethesda, MD 20892-9707
Telephone: 240-276-7786

Special Note: *Financial support for the 2020 CRI summer program is contingent on availability of funding.*

210053

2020
Cancer Research Interns Program
Statement of Financial Eligibility

The National Cancer Institute (NCI) will pay travel expenses for Cancer Research Interns (CRIs) who live outside the Tri-State area and meet the financial criteria published in the *Federal Register*, Volume 84, No. 47, March 11, 2019, pgs. 8729–8730:

Size of Family	Income Level
1	$24,980
2	$33,820
3	$42,660
4	$51,500
5	$60,340
6	$69,180
7	$78,020
8	$86,860

This statement is intended as certification only and will not be shared with anyone outsider of the NCI's Office of Training and Education, Center for Cancer Training (CCT).

I, the undersigned, hereby certify that my annual income or my parents' income (for students still carried for tax purposes) falls within the limits established by the *Federal Register*, Volume 84, No. 47, March 11, 2019, pgs. 8729–8730 as follows:

Number in Family: _____

Annual Income: $ _____

_____ _____

Full Name of CRI Fellow Date:

_____ _____

Signature of CRI Fellow (if independent) Date:

_____ _____

Signature of Parent (if applicable) Date:

Instructions:

To certify your eligibility for travel expenses, please complete this form and send the original document by March 1st to:

NIH/NCI, CCT–OD
Office of Training and Education
9609 Medical Center Drive – 3W 122
Bethesda, MD 20892-9707

NATIONAL CANCER INSTITUTE

Training Opportunities

at the National Cancer Institute

Scan me

Why Choose NCI?

The National Cancer Institute is the federal government's principal agency for cancer research and training.

- Conduct basic, clinical, or genomic and population-based research
- Participate in high-risk, high-reward research projects
- Access extensive professional and career development opportunities

OTHER OPPORTUNITIES

Cancer Research Interns
cancer.gov/grants-training/training/at-nci/cri

Introduction to Cancer Research Careers
icrc.nci.nih.gov

Graduate Student Recruiting Program
cancer.gov/gsrp

Summer Internship Program

Competitive minimum 8-week paid internship conducting full-time research at the NCI. Online applications open mid-Nov.

Must be 17 years or older and enrolled in high school, college or university

Postbaccalaureate Fellowships

One-to two-year program conducting full-time research at NCI. Stipend based on experience.

Must have received your degree within 2 years prior to start of the program

Predoctoral Fellowships

For graduate students pursing a graduate degree (PhD, MD, DDS, DVM or equivalent) who wish to complete their dissertation research at NIH.

Eligibility varies. For details, visit training.nih.gov/programs/gpp

Postdoctoral Fellowships

Up to five-year program for recent doctoral recipients to enhance their professional development and research skills with leading scientists and clinicians.

Less than five years of research experience since degree

Visit cancer.gov/CCT for more information.

U.S. Department of Health & Human Services
National Institutes of Health

NATIONAL CANCER INSTITUTE

Interagency Oncology Task Force Fellowship

A partnership between the National Cancer Institute (NCI), the National Institutes of Health (NIH), the U.S. Food and Drug Administration (FDA) and the U.S. Department of Health and Human Services (HHS).

Oncology Product Research and Review for Postdoctoral Fellows

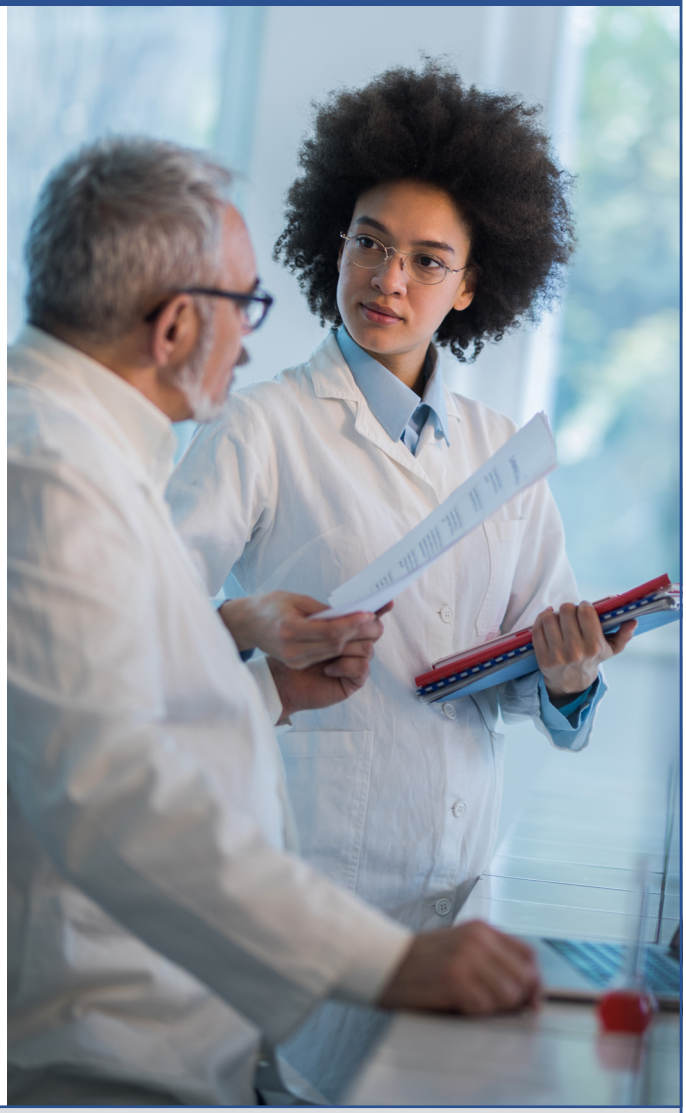
ABOUT THE PROGRAM

The Interagency Oncology Task Force Fellowship program trains scientists in various aspects of research and review of medical product development process to facilitate the movement of drugs, biologics, and devices from bench to bedside. This program is an ideal transition for individuals who are interested in pursuing a career in regulatory research or review.

During this two-year program, scientists will train at the U.S. Food and Drug Administration and gain valuable skills in relevant federal statutes, regulations, principles and practices of FDA medical product review, including issues related to product development.

HOW TO APPLY

Please submit your CV, research goals, and three letters of reference by the application deadline.



For more information, including eligibility and application guidelines, please visit

https://www.cancer.gov/grants-training/training/at-nci/iotf

NIH NATIONAL CANCER INSTITUTE

GRADUATE STUDENT RECRUITING PROGRAM

TRAINING SCIENTISTS OF THE FUTURE

The Graduate Student Recruiting Program, sponsored by the Center for Cancer Training, provides senior-level graduate students with a two-day introduction to the National Cancer Institute (NCI) and an opportunity to explore postdoctoral opportunities within the intramural research program. NCI is the federal government's principal agency for cancer research and is committed to training the next generation of scientific leaders. It is crucial that the biomedical workforce reflects the diversity of the population it serves. We strongly encourage underrepresented minority students to apply.

Students are selected through a competitive process. The applications are reviewed by NCI investigators, many of whom are seeking to fill open postdoc positions. In addition to state-of-the-art laboratories and core facilities, NCI provides extensive professional and career development opportunities.

Morning seminars provide information about science, training and career development opportunities at NCI and NIH

Meetings with investigators provide insight into potential postdoc positions and help determine fit

Poster sessions provide opportunities for additional meetings and networking

Applications open in December
Please check **www.cancer.gov/GSRP** for more details
or contact us at **ncigsrp@mail.nih.gov**

What Alumni Are Saying

The strength of the CPFP is in its flexibility. It encourages fellows to pursue their own ideas and develop broad collaborations.

Kristin Litzelman, Ph.D., MPH,
Assistant Professor, University of Wisconsin

The CPFP is the gift that keeps on giving—**best thing that's happened to me career-wise** and continues to be.

Stephen Hursting, Ph.D., MPH,
Professor, UNC Chapel Hill Lineberger Comprehensive Cancer Center

The CPFP helped me find the right field where I could make a substantial contribution to science. My career is an extension of the work I undertook as a Cancer Prevention Fellow, and I have encouraged many other young scientists to apply to the program.

Christian Abnet, Ph.D., MPH,
Chief, Metabolic Epidemiology Branch, Division of Cancer Epidemiology and Genetics, National Cancer Institute

The CPFP shaped my entire career trajectory. **The opportunity to train alongside scientists from diverse disciplines, receive mentorship from national leaders, and work in a transdisciplinary research setting** was outstanding.

Susan T. Vadaparampil, Ph.D., MPH,
Associate Center Director of Community Outreach and Engagement, Moffitt Cancer Center

Learn More and Apply

Applications are due in August each year, with new cohorts beginning the following June. Learn about eligibility requirements and how to apply at **cpfp.cancer.gov**.

For more information, please contact us at:

240-276-5626

cpfpcoordinator@mail.nih.gov

cpfp.cancer.gov

NIH NATIONAL CANCER INSTITUTE

Cancer Prevention Fellowship Program

Become a leader in cancer prevention and control.

A Unique Postdoctoral Fellowship Program

Founded in 1987, the National Cancer Institute Cancer Prevention Fellowship Program provides outstanding opportunities for cutting-edge research in the basic, quantitative, social, and behavioral sciences, and in clinical cancer prevention.

cpfp.cancer.gov

Advance Your Career. Make a Difference.

Preventing cancer is one of the most important scientific and public health goals of the century. To achieve success, the United States needs leaders: scientists and health professionals trained in the principles and practice of cancer prevention and control.

As a postdoctoral fellow in the National Cancer Institute (NCI) Cancer Prevention Fellowship Program (CPFP), you will have an opportunity to:

1. Pursue your research interests and career goals
2. Receive world-class training and mentorship
3. Develop and conduct original scientific projects
4. Collaborate with a cohort of fellows spanning STEM and other fields
5. Work at NCI facilities in the Washington, DC metro area

What We Offer

Our comprehensive postdoctoral program is flexible enough to permit individual creativity while offering an organizational foundation to support research and growth. The program provides:

- Competitive stipends, relocation expenses, health insurance benefits, and travel allowances
- Support for up to four years
- A path to earn a master of public health degree (MPH), sponsored by NCI
- A structured professional development curriculum

Research Opportunities

Mentored research is the centerpiece of the program. Our fellows work in areas including:

- Biomarker development
- Chemoprevention
- Clinical cancer prevention
- Bioengineering
- Epidemiology
- Health communication
- Health disparities
- Health services research
- Implementation science
- Informatics and big data
- Laboratory-based research
- Nutrition
- Screening and early detection
- Social and behavioral science
- Statistical or other types of quantitative methodology

A Path to Success

Today, CPFP alumni across the country are advancing their careers and the field at cancer centers, universities, government agencies, research firms, and policy organizations, and in clinical practice. Many former fellows now act as mentors, assisting those who are following in their footsteps.

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Training Opportunities Within the Division of Cancer Control and Population Sciences

Become a Fellow

The Division of Cancer Control and Population Sciences (DCCPS) hosts different types of fellows throughout the year. The program has opportunities for people at most levels of educational training, from high school students up to postdocs. Research areas include:

- Epidemiology and genomics
- Healthcare delivery
- Implementation science
- Survivorship
- Behavioral research
- Surveillance
- Big data
- Health disparities

Fellows work with a mentor on research projects, literature reviews, data analyses, presentations, and/or manuscript preparation. Fellows receive a monthly stipend, fully covered health insurance benefits, and a commuter subsidy.

Richard P. Moser, Ph.D., is the Training Director for the Division of Cancer Control and Population Sciences at the National Cancer Institute (NCI). Please contact Dr. Moser for more information about current or future openings.

richard.moser@nih.gov / 240-276-6915

Connect With Us

Get the latest updates on cancer control-related news, training opportunities, funding, and more.

Subscribe on our website at cancercontrol.cancer.gov

Follow us at @NCICancerCtrl

Join us on LinkedIn

Fellowship Opportunities

Please visit individual program sites for more information and open fellowships:
Behavioral Research Program cancercontrol.cancer.gov/brpcareer
Surveillance Research Program surveillance.cancer.gov/jobs
Healthcare Delivery Research Program healthcaredelivery.cancer.gov/about/jobs.html
Epidemiology and Genomics Research Program epi.grants.cancer.gov/jobs

For information regarding training grant funding from NCI, go to cancercontrol.cancer.gov/funding_career.html.

Types of Training and Fellowships at NCI

Cancer Research Training Award Program
cancer.gov/grants-training/training/at-nci/crta
Open to high school, post-baccalaureate, post-master's, postdoctoral, or post-medical students. Rolling application deadline.

Cancer Prevention Fellowship Program
cpfp.cancer.gov
Open to postdoctoral, post-medical, or JD students. Applications accepted from May to August of each year.

NCI Communications Fellowship
ncf.nci.nih.gov
Open to post-master's or postdoctoral students. Check website for application dates and more information.

Presidential Management Fellows Program
pmf.gov
Open to post-master's, postdoctoral, post-medical, or JD students. Fellowship sponsored by the U.S. Office of Personnel Management.

Summer Internship Program in Biomedical Research
training.nih.gov/programs/sip
Open to high school, undergraduate, graduate, or professional students. Applications accepted until March 1st of each year.

NIH NATIONAL CANCER INSTITUTE

EXPLORE • DISCOVER • INNOVATE

BE AN NCI FELLOW

Epidemiology / Genetics / Biostatistics

What types of opportunities?

- Postdoctoral, predoctoral, postbaccalaureate fellowships

Who can apply?

- US citizens and eligible foreign nationals

Why become a fellow?

- Design, carry out, analyze, publish studies
- Receive personalized mentoring
- Build grant writing, communication, leadership skills
- Collaborate and network
- Prepare for a wide variety of careers

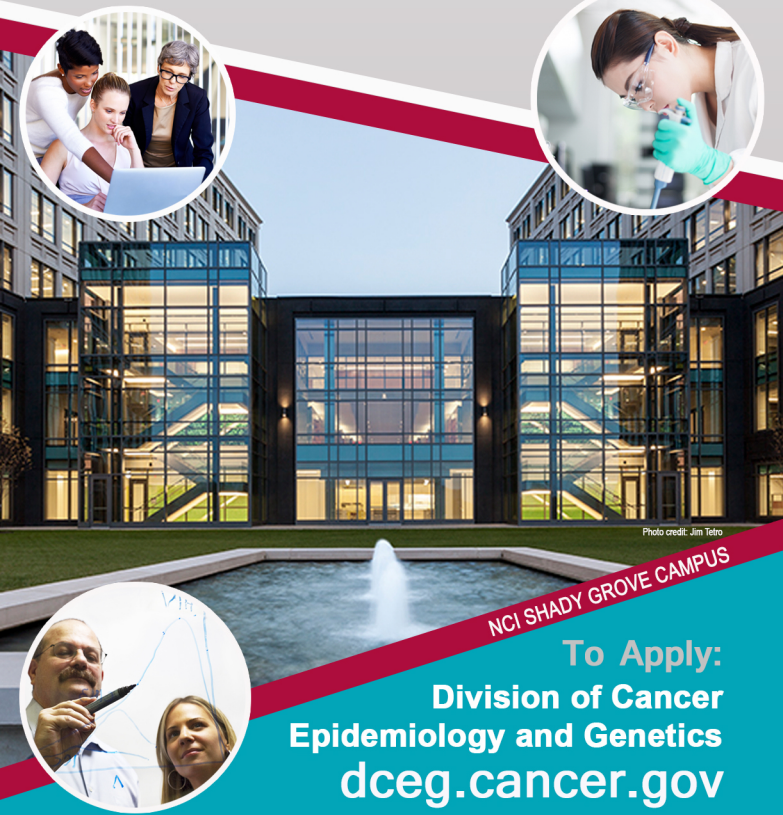

Photo credit: Jim Tetro

NCI SHADY GROVE CAMPUS

To Apply:

Division of Cancer Epidemiology and Genetics

dceg.cancer.gov

U.S. Department of Health & Human Services | National Institutes of Health

We offer a range of predoctoral and postdoctoral fellowships with personalized mentoring, specialized training and career development. We partner with graduate schools whose doctoral students carry out dissertation research with us.

Cancer
GENETICS
Susceptibility
Radiation
Health Disparities
Environment & Occupation
BIOSTATISTICS
Translational Epi
Infections & Immunology
Genomics
EPIDEMIOLOGY
Nutrition & Metabolism
Clinical Genetics
Methods Development
New Technologies
Hormones

What do former fellows say about DCEG?

The division provides strong support to the fellows and abundant opportunities to develop projects, present ideas in front of multidisciplinary teams, expand career skills, and meet great people.

F. Castro, Ph.D.

I loved interacting with other fellows. The open sharing of knowledge made us all better scientists.

T. Meyer, Ph.D.

My DCEG colleagues valued my contributions and treated me like an equal even when I was first starting out and still had much to learn.

P. Maas, Ph.D.

I cherished the opportunity to learn and grow in multiple fields simultaneously.

A. Pathak, M.D.

@NCIEpiTraining

ncidceged-r@mail.nih.gov

NCI Cancer Epidemiology and Genetics

http://dceg.cancer.gov/fellowship-training