

DCB/NCI Outreach Activities

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cancer.gov/DCB

DCB New Grantee Workshop January 13, 2022

How can we help promote you and your science?

Program Director Roles:

- I. Inform NCI and NIH leadership of research advances
- II. Promote NCI portfolio at scientific conferences
- III. Plan strategic workshops
- IV. Develop funding opportunity announcements

I. Inform NCI and NIH leadership of notable research advances

Information on scientific achievements may be used by an NCI PD in a variety of contexts

- Generate reports for NCI Leadership
 - Update NCI Board of Scientific Advisors (BSA) or National Cancer Advisory Board (NCAB) on progress in major programs or across general cancer research areas
 - o Responses to Congressional inquiries, prepare briefing books
- Share knowledge on research advances with NCI and NIH colleagues
 - Strategic planning
 - Set priorities
 - Coordinate research across different fields
 - Identify gaps in research
 - o Identify areas of potential synergy between groups or scientific areas
- Internal journal clubs and seminars



Informing the Broader Scientific Community and General Public

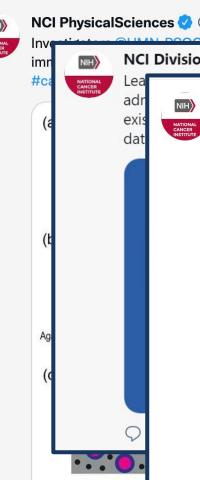


@NCICancerBio

Official Twitter ad biology research.

Bethesda, MD

55 Following



Preciado, J., et al

NCI PhysicalSciences @ @NCIPhySci · Dec 23, 2021

NCI Division of Cancer Biology @ MCICancerBio · Jan 8

NCI Systems Biology @ MCIsysbio · Jan 7

The 2022 @NCICancerBio Summer Undergraduate Research Program is open to rising junior & senior undergrads with limited research experience interested in solving complex problems in cancer through #interdisciplinaryresearch. Apply by Feb. 14th:

frederick.cancer.gov/careers/intern... #DCBSURP22

NCI Division of Cancer Biology Summer Undergraduate Research Program

General Details

- Open to Rising Junior and Senior Undergrads (with 0-1 years of research experience)
- Must be eligible to work in the U.S.
- \$4000 Stipend + Free Housing
- Support for Travel to/from Research Institution
- Two-Day Research Conference at the NIH

WORLD CLASS INSTITUTIONS

WEEKS OF MENTORED RESEARCH

TRIP TO WASHINGTON DC

Application Deadline: February 14, 2022



Cancer Currents: An NCI Cancer Research Blog

Subscribe

A blog featuring news and research updates from the National Cancer Institute.



When Ovarian Cancer Returns, Surgery May Be a Good Choice for Selected Patients

January 12, 2022, by NCI Staff

For patients with recurrent ovarian cancer who meet strict criteria, additional surgery may improve survival, results from a large clinical trial show.

Continue Reading >

Featured Posts

For Some with Prostate Cancer, Altered Radiation Approach Proves Safe November 18, 2021, by NCI

Staff

Parent Concerns About HPV Vaccine Safety Increasing October 22, 2021, by NCI Staff

The Challenges of Living with Metastatic Cancer October 15, 2021, by NCI Staff

Categories

Biology of Cancer Cancer Risk Childhood Cancer Clinical Trial Results Disparities



NCI Bottom Line: A Blog About Grants & More

~Bi-Monthly addressing:

- budget- and funding-related milestones
- funding trends and patterns
- emerging policy or fiscal issues
- analyses of NCI's grants portfolio

www.cancer.gov/grantstraining/nci-bottom-line-blog



NCI Bottom Line: A Blog about Grants and More

Subscribe

This grantee-focused blog covers the latest on NCI's fiscal landscape, funding decisions, grants policy news, processes, and more.



Familiar Fiscal Challenges for NCI

December 6, 2021, by NCI Director Dr. Norman E. Sharpless

On the heels of Congress extending the Continuing Resolution for FY 2022, the NCI Director addresses what short-term funding means for NCI's grantee community. As in years past, Dr. Sharpless highlights the Institute's interim payline policies for both competing and noncompeting grants.

Continue Reading >

II. Organize Sessions at Scientific Conferences (not R13)

- Serve as organizers/speakers at national scientific conferences
 - Grantsmanship mentoring
 - Outreach for NCI programs and funding opportunities
 - Highlight emergent NCI priority areas
 - Network investigators from disparate disciplines



































III. Plan Strategic Scientific Workshops

NCI sponsors scientific workshop emerging areas of interest or area

- Intent of NCI workshops;
 - Gain knowledge on the state
 - Identify where gaps exist
 - Determine if NCI coordination
 - Establish or network a comr

nature genetics

PERSPECTIVE

Check for updates

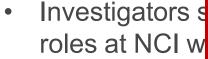
Characterizing the ecological and evolutionary dynamics of cancer

Nastaran Zahir¹, Ruping Sun², Daniel Gallahan¹, Robert A. Gatenby³ and Christina Curtis 0,2,4,5 ⊠

Tumor initiation and progression are somatic evolutionary processes driven by the accumulation of genetic alterations, some of which confer selective fitness advantages to the host cell. This gene-centric model has shaped the field of cancer biology and advanced understanding of cancer pathophysiology. Importantly, however, each genotype encodes diverse phenotypic traits that permit acclimation to varied microenvironmental conditions. Epigenetic and transcriptional changes also contribute to

ncer cells and surrounding strotition for survival. Therefore, a I dynamics. In this Perspective, igh space and time. We discuss inform cancer control.

Trends in Cancer



- Participan
- Discussar
- Speaker
- Co-chair

Opinion

The Cancer Microbiome: Distinguishing Direct and Indirect Effects Requires a Systemic View

Joao B. Xavier, ^{1,*} Vincent B. Young, ² Joseph Skufca, ³ Fiona Ginty, ⁴ Traci Testerman, ⁵
Alexander T. Pearson, ⁶ Paul Macklin, ⁷ Amir Mitchell, ⁸ Ilya Shmulevich, ⁹ Lei Xie, ¹⁰ J. Gregory Caporaso, ¹¹
Keith A. Crandall, ¹² Nicole L. Simone, ¹³ Filipa Godoy-Vitorino, ¹⁴ Timothy J. Griffin, ¹⁵ Katrine L. Whiteson, ¹⁶
Heather H. Gustafson, ¹⁷ Daniel J. Slade, ¹⁸ Thomas M. Schmidt, ¹⁹ Marina R.S. Walther-Antonio, ²⁰
Tal Korem, ²¹ Bobbie-Jo M. Webb-Robertson, ²² Mark P. Styczynski, ²³ W. Evan Johnson, ²⁴
Christian Jobin, ²⁵ Jason M. Ridlon, ²⁶ Andrew Y. Koh, ²⁷ Michael Yu, ²⁸ Libusha Kelly, ²⁹ and Jennifer A. Wargo³⁰

III. Plan Strategic Scientific Workshops

2021 NCI Division of Cancer Biology Workshops, Symposia, etc.

- "At the intersection of RNA Metabolism and Genome Maintenance in Cancer" (Dec 6-7, 2021)
- "NCI Symposium on Mutation Signatures and Cancer" (Dec 2-3, 2021)
- "Early Platforms to Inform Combination Regimen Development"

(Oct 19-20, 2021)

- "Diet as a Modifier of Tumor Metabolism Workshop" (July 14-15, 2021)
- "NCI-NSF Square Tables Scientific Workshops" (March May, 2021)
- "Modeling Emergent Cellular Behavior in Cancer Innovation Lab"
 (Feb 25 March 5, 2021)



IV. Develop Funding Opportunity Announcements (FOAs)

- Identify emerging or understudied scientific areas
 - Assess state of the science, needs, gaps
 - Engage stakeholders
 - Justify the need to NCI or NIH leadership
- Publish as a formal FOA
- Conduct outreach
 - Promote FOA
 - Advise applicants
- Partner with SRO for peer review(s)
 - Orientation for peer review
- Manage the FOA and/or associated Program
 - Connect investigators



Subscribe to the NIH Guide Listserv – email every Friday with new NIH FOAs and policy information

https://grants.nih.gov/grants/guide/listserv.htm

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The NIH Guide for Grants and Contracts is the official publication for NIH medical and behavioral research Grant Policies, Guidelines and Funding Opportunities.

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(Example: subscribe NIHTOC-L Bill Jones)



Again, congratulations on your award!



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