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News, Opportunities and Deadlines for November 2018



LBRN Annual Meeting

Save the Dates!

LBRN Annual Meeting, Friday January 18 - 19, 2019 @ Center for Computation and Technology, LSU



Louisiana Biomedical Research Network Presents

LBRN 17th Annual Meeting

January 18-19, 2019

lbrn.lsu.edu/annual-meeting

LSU Digital Media Center

**All deadlines are due
December 21st, 2018**

Science Grants 5P2O GM103424-15 and 3P2O GM103424-1551 are gratefully acknowledged

LA Conference on Computational Biology & Bioinformatics

Save the Dates!

7th Annual LA Conference on Computational Biology & Bioinformatics, Friday April 5-6, 2019 @ Center for Computation and Technology, LSU

7th Annual LA Conference on Computational Biology & Bioinformatics

Friday & Saturday, Apr. 5 ~ 6, 2019

340 E Parker Blvd, Baton Rouge, LA 70808

Center for Computation & Technology, Louisiana State University



CENTER FOR EXPERIMENTAL INFECTIOUS DISEASE RESEARCH
DIVISION OF BIOTECHNOLOGY AND MOLECULAR MEDICINE • SCHOOL OF VETERINARY MEDICINE

LSU

LSU

Center for Computation
& Technology

LSU

Office of
Research &
Economic Development

LBRN/CCT - Pine Biotech Fall/Winter Bioinformatics Program

The graphic features a purple-toned aerial photograph of a city skyline at night. Overlaid on the image are several graphical elements: a large white 'LBRN' logo with 'FALL 2018' written above it; a green hexagonal icon containing a microscope and a DNA helix; a green hexagonal icon containing a map of Louisiana; a large purple DNA double helix on the right side; and a silhouette of a person walking towards the right. At the bottom, there are logos for LBRN, PINE.BIO, and the Center for Computation & Technology, along with the text 'OMICS DATA SENSE AND MORE' and '5/5'.

We are pleased to announce the CCT/LBRN - Pine Biotech Fall/Winter Bioinformatics Program for LSU/LBRN Network institutions Students, Grad and Undergrad, PostDocs and Faculty members.

- **Curriculum: The LBRN Fall/Winter Bioinformatics Training Program consists of 6 courses and 2 projects.**

In this curriculum, analysis skills are developed in a project setting that combines insight into the typical problems addressed by a bioinformatician and exposure to the analysis logic, highlighted by a unique online research and learning environment, the T-BioInfo platform (see more at <https://t-bio.info/>). The platform is a platform designed to be transparent and offers links to methods as well as downloadable code for some modules.

- **Modules Overview**

Program Modules descriptions: [LBRNCCT-2018-BioinformaticsProgram-modules-FALLWINTER-overview.pdf](https://lbrnccct-2018-bioinformaticsprogram-modules-fallwinter-overview.pdf)

- **Program Sessions**

The program sessions will be available via (formerly ViewMe) Video conferencing software and on-site at Conference room# 1034 at Center for Computation & Technology, LSU, 340 E Parker Blvd, Baton Rouge, LA 70808. Details will be given to program registrants as the sessions progress.

<u>Date</u>	<u>Topic</u>	<u>Date/Time</u>
November 5, 2018	Introduction to Bioinformatics	10:00 am CST to 12:00 pm CST
November 9, 2018	Introduction to RNA Seq Course	10:00 am CST to 11:00 am CST
December 3, 2018	Introduction to Epigenetics Course	10:00 am CST to 11:00 am CST
December 10, 2018	RNA Seq Workshop	10:00 am CST to 12:00 pm CST
December 17, 2018	Introduction to Genomics Course	10:00 am CST to 11:00 am CST
January 18, 2019	Hands on Workshop	10:00 am CST to 12:00 pm CST
February 4, 2019	Genomics Workshop	10:00 am CST to 12:00 pm CST
February 25, 2019	Machine Learning Workshop	10:00 am CST to 12:00 pm CST
March 8, 2019	Introduction to MetaGenomics Course	10:00 am CST to 11:00 am CST
March 28, 2019	Machine Learning Workshop	10:00 am CST to 12:00 am CST
April 5-6, 2019	Bioinformatics Conference	TBA

Summer Program and Recruitment



The Summer Application is open. Please begin your application early. You can update as you go.

[Apply Here!](#)

New NIH Peer Review Videos for Applicants

- New NIH Peer Review Videos for Applicants

[\(NOT-OD-19-017\)](#) Center for Scientific Review

- Purpose

The purpose of this notice is to inform NIH grant applicants, their mentors, and grant management officials about two new videos released by the NIH Center for Scientific Review (CSR).

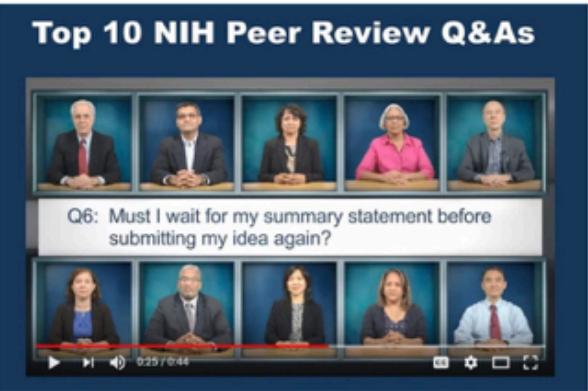
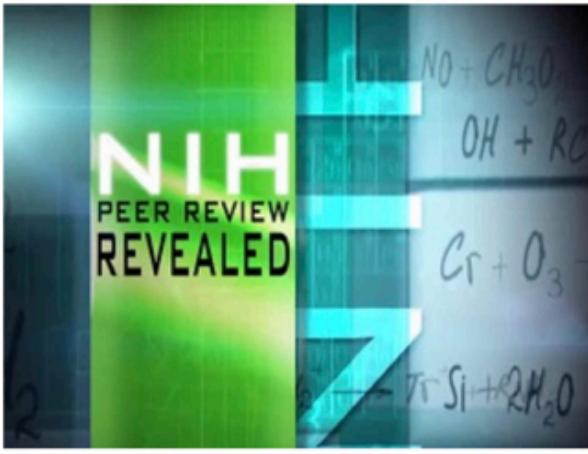
[What Happens to Your NIH Grant Application](#)

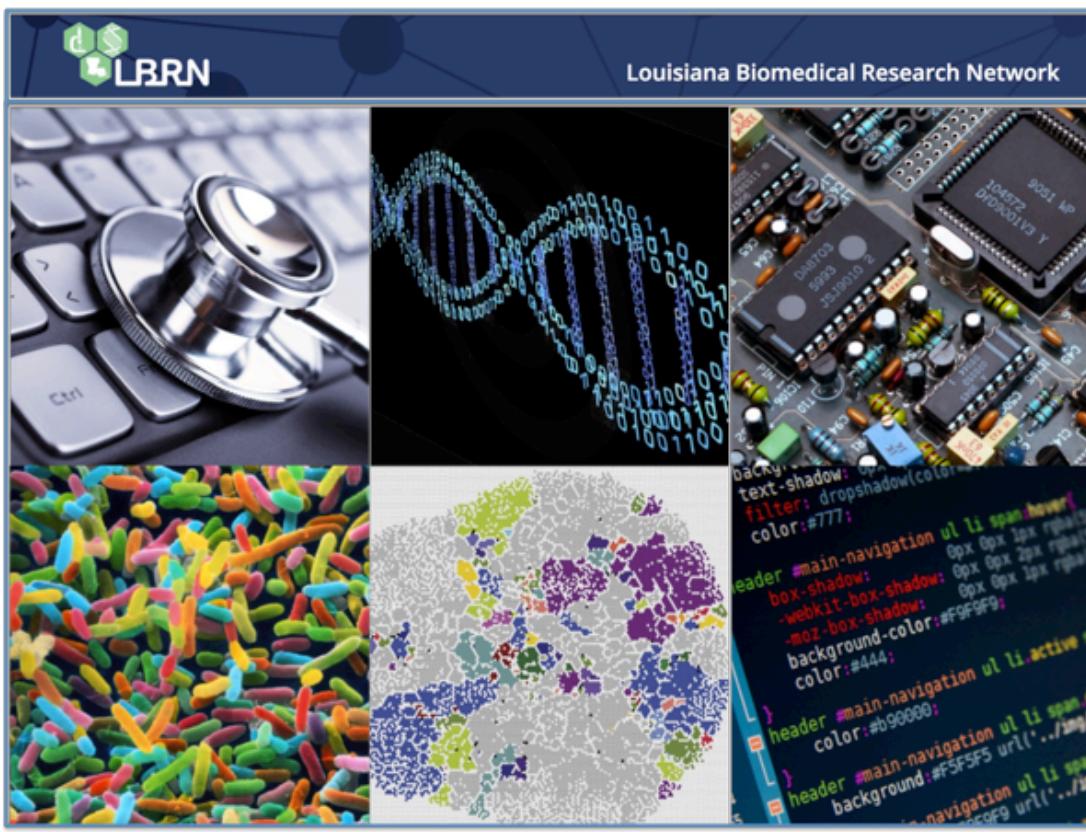
Most new applicants for R01 or similar NIH research grants cannot attend one of NIH's popular outreach presentations. This video presents one of these presentations, which gives viewers insights into how their applications are reviewed so they can better navigate the NIH peer review process.

[Top 10 Peer Review Q&As for NIH Applicants](#)

Applicants ask NIH countless questions as they ready their grant application for NIH peer review. This video enlisted 10 experts from the NIH Center for Scientific Review to answer the top 10 questions about the submission and review of NIH grant applications. Applicants with more questions are encouraged to visit CSR's new [Web page](#) that presents the top 100 NIH peer review Q&As.

These videos are part of a larger collection of NIH peer review videos. They can be viewed and downloaded for later playback by visiting CSR's [video Web page](#).

<p>What Happens to Your NIH Grant Application is one of our most popular outreach presentations</p> 	<p>Top 10 NIH Peer Review Q&As for Applicants give you the answers you need</p> 
<p>NIH Peer Review Revealed provides a front-row seat to a review peer review meeting</p> 	<p>Jumpstart Your Research Career with CSR's Early Career Reviewer Program tells how it works</p> 
<p>Webinars provide helpful guidance to R01, R15, Fellowship and SBIR/STTR Applicants</p>	<p>NIH Tips for Applicants gives applicants practical advice and insights</p>



The BBC Core provides introductory educational lecture series on informatics topics that are recorded and streamed. Prior offerings that are available for on demand streaming include;

- An Introduction to Computers and Informatics in the Health Sciences

<http://metagenomics.lsuhsc.edu/lectures/introinformatics/>

- An Introduction to Microbial Community Sequencing and Analysis

<http://metagenomics.lsuhsc.edu/lectures/intromicrobiota/>

On demand streaming links are available by each lecture along with downloadable lecture slides.

LONI HPC Allocation for LBRN



We are happy to announce that High Performance Computing allocation for supporting LBRN/BBC Core community from the LONI HPC system.

This can be utilized in lieu of individual investigators having to apply for and acquire their own allocations to access the HPC resources. If any of your campus members need access to high performance computing, please have them interface with [Dr. Nayong Kim](#).

CFA for Short Term Core Projects



Molecular Cell Biology Research Resources Core (**MCBRC**) and Bioinformatics, Biostatistics, and Computational Biology Core (**BBCC**) are calling for proposals to carry out short term projects in collaboration with the Cores. All LBRN researchers can submit a proposal for a defined project that can be carried out in collaboration with the Core facilities listed in the attached Call for Proposals (CFP) on a competitive basis. Each selected project will be allocated \$1,500 to fully or partially offset Core expenses. More details can be found in the attached CFP.

[More details can be found in the attached CFP.](#)

NIH Extramural Nexus (NIH/OD)



• Working Together to Protect the Integrity of NIH-funded Research

When research findings are made up from thin air, misrepresented in some way, or blatantly and without credit copied from others, we risk eroding the public's trust, damaging institutional reputation, harming careers, incurring skepticism, misleading future research, and, arguably most importantly, hurting patients.

NIH takes research misconduct seriously.

The screenshot shows a YouTube video player interface. At the top, there are navigation icons for menu, YouTube logo, search bar, and account sign-in. Below the video player, the title 'Working Together to Promote Research Integrity' is displayed in a large, dark blue serif font. Underneath the title is a horizontal blue line. At the bottom of the video player, there is a control bar with a play button, volume controls, and a progress bar indicating the video is at 0:05 / 10:21. The NIH logo and 'Office of Extramural Research' text are visible above the video player area.

NIH Working Together to Promote Research Integrity

• Understanding Age in the NIH Portfolio: Implementation of the NIH Inclusion Across the Lifespan Policy

Last December, NIH announced a revision to its Inclusion of Children Policy to expand the policy to individuals of all ages ([NOT-OD-18-116](#)). The revised policy, now called the [Inclusion Across the Lifespan policy](#), requires individuals of all ages (including children and older adults) be included in clinical research studies unless there are scientific or ethical reasons to exclude them (see also [this Open Mike post](#) and [this All About Grants podcast](#)).

A	B	C	D	E
1	Race	Ethnicity	Sex/Gender	Age
2	Asian	Not Hispanic or Latino	Male	23 Years
3	White	Hispanic or Latino	Female	6 Months
4	Unknown	Unknown	Unknown	15 Days
5	More than one race	Not Hispanic or Latino	Male	30 Years
6				

[...Continue reading.](#)

• What Contributes to the Success of Early Career Scientists? – A NIAID Look

At NIH, we are heavily invested in our workforce and in [understanding the barriers they face](#). What characteristics do they share? How do they compete in the [current hypercompetitive environment](#)? When do they stop applying to NIH (drop out), even after receiving their first award?

Staff from the National Institute of Allergy and Infectious Diseases (NIAID) delve into these questions in a [paper published recently in PLOS ONE](#), whose findings I'd like to highlight today. Here, Drs. Patricia Haggerty and Matthew Fenton looked at factors that may contribute to the success of early-career investigators and if these factors affect all junior researchers equally.

[...Continue reading.](#)

• Protecting Participants, Empowering Researchers: Providing Access to Genomic Summary Results

Guest post by [Carrie Wolinetz, Ph.D.](#), NIH Associate Director for Science Policy, and [Eric Green, M.D., Ph.D.](#), Director of the National Human Genome Research Institute, originally released on the [Under the Poliscope blog](#)

Today, we are [updating the way we manage data related to](#) the NIH Genomic Data Sharing Policy to again allow unrestricted access to genomic summary results for most of the studies we support in order to advance health or further research purposes. These summary results are importantly distinct from other genomic research data, most notably in that they do not include individual-level information. Instead, these results come from analyzing pooled genomic data from multiple individuals together to generate a statistical result for the entire dataset. Such information can be a powerful tool for helping researchers determine which genomic variants potentially contribute to a disease or disorder.

[...Continue reading](#)

Top Stories

• Revised NIH Grants Policy Statement for Fiscal Year 2019

NIH has released a revised [Grants Policy Statement](#) that applies to all NIH grants and cooperative agreements with budget periods beginning on or after October 1, 2018. This revised version does not introduce new policies, but it does incorporate all policy changes or updates made throughout the previous year and includes significant enhancements to improve the user interface, navigation, and search. Let us know what you think of the usability enhancements. We welcome suggestions for continued improvement!

Read the full [announcement](#) for details.

• Legislative Mandates for Fiscal Year 2019

NIH issued a notice detailing statutory provisions that limit or condition the use of funds on NIH grant, cooperative agreement, and contract awards for FY 2019. These provisions include:

- Salary Limitation
- Gun Control
- Anti-Lobbying
- Acknowledgment of Federal Funding
- Restriction on Abortions, with exceptions
- Ban on Funding Human Embryo Research
- Limitation on Use of Funds for Promotion of Legalization of Controlled Substances
- Restriction on disclosure of political affiliation for Federal scientific advisory committee candidates
- Dissemination of False or Misleading Information
- Restriction of Pornography on Computer Networks
- Restriction on Distribution of Sterile Needles

For additional details, see [NOT-OD-19-030](#).

- New Application Requirements for Institutional Training Grants: Letter of Institutional Commitment to Harassment and Discrimination Protections**

NIH takes the issue of [sexual harassment and discrimination](#) very seriously. As such, beginning for applications submitted for due dates on or after January 25, 2019, institutional training grant applications (T15, T32, T34, T35, T36, T37, T90/R90, TL1, TL4) must include a letter that describes the institutional commitment to ensuring that proper policies, procedures, and oversight are in place to prevent discriminatory harassment and other discriminatory practices. This letter should be included with other Letters of Support on the PHS 398 Research Training Program Plan form.

See [NOT-OD-19-029](#) for additional details and instructions for this new requirement.

- New Application Requirements for Institutional Training Grants: Letter of Institutional Commitment to Harassment and Discrimination Protections**

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See [NOT-OD-19-029](#) for additional details and instructions for this new requirement.

- Spring Into Action and Register for the 2019 NIH Regional Seminar in Baltimore Today!**

Each year, the NIH Regional Seminar on Program Funding and Grants Administration continues to draw participants from all over the globe. If you are new to working with NIH grants and would like the opportunity to learn more directly from NIH & HHS experts, then make plans now to participate in the next [NIH Regional Seminar on Program Funding and Grants Administration](#), Spring 2019 in Baltimore, MD.

- **Where:** Renaissance Baltimore Harborplace Hotel
- **When:** Wednesday, May 15, 2019 (Optional Pre-Seminar Workshops)
Thursday and Friday, May 16-17, 2019 (2-Day Seminar)
- **Why Attend?** Unique opportunity to hear the latest NIH grants process and policies directly from over 65 NIH & HHS Program, Grants, Review and Policy presenters...all in a central location. In addition, you have the option to meet with over 35 additional experts representing NIH Institutes and Centers for 15 minute chats. That's over 100 experts available to choose from!
- **What are You Waiting For?** [Register](#) today!



New Resources

- **New “All About Grants” Podcast on Preparing for Private Investment**

Wondering how to knock that investor pitch out of the park? In this next installment of the “All About Grants” podcast series, small business innovators will get a front row seat to hear how to prepare for private investment ([MP3 / Transcript](#)). Dr. Ethel Ruben, NIH’s Entrepreneur-In-Residence, steps up to the plate and shares insights on who these investors are, how they decide on what innovations to invest in the biomedical commercial space, and some valuable tips and tricks to improve the accuracy of your investor pitch.

Tune in to learn the ins and outs of private equity and how it can help you continue developing biomedical innovations post-NIH award and bring it home to the marketplace.

More podcasts are available on our [All About Grants](#) podcast page.

- **Multi-project Application Resources**

Submitting a multi-project application for the January 25 standard due date? If so, you’ll want to check out these handy resources:

- [Multi-project Application Form Instructions](#) (PDF)
- [Multi-project Annotated Form Set – FORMS-E series](#) (PDF)
- [Preparing Your Application Using ASSIST](#) (web page)
 - [Quick Start: Preparing Your Multi-project Application Using ASSIST](#) (PDF)
 - [Prepare and Submit a Multi-project Grant Application Using ASSIST](#) (PowerPoint)
- [How eRA Assembles Multi-project Applications](#) (PDF)
- [Multi-project Application FAQs](#)

- **Decoding NIH Grant Numbers**

Have you ever wondered what each part of an NIH grant number means? Decode that string of letters and numbers with this helpful [cheat sheet](#). After grasping the basics, you'll be able to quickly tell if an application is new, which NIH institute or center (IC) is funding the grant, and which support year it is in just by glancing at the number. Or you may even want to print the cheat sheet and use it as a handy reference for IC codes/acronyms and application types.

The grant number is used for many things, one of which is acknowledging Federal funding. To learn more about this important use, see our website on [Communicating and Acknowledging Federal Funding](#).

National Research Mentoring Network



2018 ABRCMS



PRECONFERENCE SESSIONS WITH THE DIVERSITY PROGRAM
CONSORTIUM (BUILD/NRMN/CEC)

NOV 16

Indianapolis, Indiana

DIVERSIFYING THE BIOMEDICAL SCIENTIFIC "THINKFORCE" THROUGH TRAINING AND PARTNERSHIPS

Event hosted by the Diversity Program Consortium's Coordination and Evaluation Center at UCLA

#ABRCMS

#

TrueDiversity

#DiversityMatters

NRMN is coming to ABRCMS 2018!

Join the MyNRMN group to get rewarded for networking!

We welcome you to attend our **NRMN Meet & Greet**, a networking event for asking questions, exploring resources, and making new connections.

Location: JW Marriot-White River Ballroom, A/B

Time: Friday, November 16, 6-9 PM

MyNRMN SCAVENGER HUNT At #ABRCMS 2018



Win prizes while networking! Complete two different levels of tasks & challenges during the MyNRMN Scavenger Hunt, before and during the conference from Nov.14-17. Join the MyNRMN group to begin. Scan the QR Code or go to www.bit.ly/NRMNgroupcon18!

LEVEL 1	LEVEL 2
Complete tasks before #ABRCMS 2018	Complete tasks during #ABRCMS 2018



NIH LBRN Acknowledgement

So that we can most effectively communicate the scope and results of our funding support, we would like to know when you are planning news announcements about IDeA awards or program activities and achievements...

When you produce such material, please be sure to identify the IDeA program, not just the INBRE, COBRE or sub-program, and to provide context about the program's goals along the lines of:

The University of _____ has received \$XXX from the National Institutes of Health (NIH) to support an Institutional Development Award (IDeA) Center of Biomedical Research Excellence. The IDeA program builds research capacities in states that historically have had low levels of NIH funding by supporting basic, clinical and translational research; faculty development; and infrastructure improvements.

In journal articles, news releases, or other materials about your program's activities or achievements, please use funding acknowledgement language such as:

Research reported in this {publication, release} was supported by an Institutional Development Award (IDeA) from the National Institute of General Medical Sciences of the National Institutes of Health under grant number 5 P20 GM103424-15 and 3 P20 GM103424-15S1.

- In journal articles, oral or poster presentations, news releases, news and feature articles, interviews with reporters and other communications, acknowledge the IDeA program's full or partial support of the research. The citation in scientific publications should use the following format:

Research reported in this publication was supported by an Institutional Development Award (IDeA) from the National Institute of General Medical Sciences of the National Institutes of Health under grant number P20GM12345.

- If you wish to acknowledge NIH/NIGMS funding on your Web site or other communication product, you may use wording such as:

Funded by an Institutional Development Award (IDeA) from the National Institutes of Health.

or

Funded by the LBRN (P20GM12345)an Institutional Development Award (IDeA) from the National Institute of General Medical Sciences of the National Institutes of Health.

Please do not use the NIH or NIGMS logo to acknowledge funding, as these logos are only to be used for material produced by NIH and its components.



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