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News, Opportunities and Deadlines for Oct. 2021

LBRN announces the following funding opportunities for Network PUI participants

Submission Deadline: Wednesday, November 10, 2021, Midnight.

Applications and Competitions for Grant Funding



The Louisiana Biomedical Research Network offers a limited number of grants and research programs to which qualified researchers may apply. Please look at the available programs listed below.

Search:

Title	Due Date	Category	Award Cycle
		All	All
Requesting Proposals for LBRN - Full Project 2022-25	11/10/2021	LBRN - Full Projects	2022-25
Requesting Proposals for LBRN - Pilot Project Funding -2022-2023	11/10/2021	LBRN - Pilot Projects	2022-23
Requesting Proposals for LBRN Shared Instrumentation Funding 2022-2023	11/10/2021	LBRN - Shared Instrumentation Proposals	2022-23
Requesting Proposals for LBRN - Start-up Funding 2022-2024	11/10/2021	LBRN - Start-up Funding Proposals	2022-24
Requesting Proposals for LBRN - Translational Project Funding 2022-2023	11/10/2021	LBRN - Translational Projects	2022-23

Showing 1 to 5 of 5 entries

Louisiana Biomedical Research Network

LBRN was established in September 2001 with Biomedical Research Infrastructure Networks (BRIN) funding by the National Institutes of Health (NIH), through the National Center for Research Resources (NCRR) Grant P20RR016456, the LBRN is committed to raising the research competitiveness of Louisiana researchers. IDeA Networks of Biomedical Research Excellence (INBRE) is the second phase of the BRIN Program when LBRN initially started. Currently, LBRN is in the third phase with continued funding by the National Institute of General Medical Sciences (NIGMS) Grant 8P20GM103424 and the Louisiana Board of Regents Support Fund.



Louisiana State University |
LBRN
QUESTIONS? Email us

130 David Boyd Hall
Louisiana State University
Baton Rouge, LA 70803



These proposals have funding start date of 05/01/2022 subject to NIH approval.

Proposals may be submitted under the mechanisms listed below:

- Requesting Proposals for LBRN - Full Project 2022-25
- Requesting Proposals for LBRN - Pilot Project Funding -2022-2023
- Requesting Proposals for LBRN - Shared Instrumentation Funding 2022-2023
- Requesting Proposals for LBRN - Start-up Funding 2022-2024
- Requesting Proposals for LBRN - Translational Project Funding 2022-2023

Please go to Proposal Link for details on each Project: <https://lbrn.infoready4.com/>

LBRN Work In Progress Meeting



Louisiana Biomedical Research Network will have Work In Progress (WIP) meetings Tuesday and Thursdays from **Noon – 1:00 PM**, starting October 5 2021.

These WIP meetings not only provide PUI project investigators with an opportunity to present the research progress of their respective projects to the LBRN community in general and the specifically to the Administrative Core and Core Directors.

The meeting schedule is as follows, and all meetings will be conducted via video conference.

Schedule	Last Name	First Name	University
Tuesday, October 5, 2021	Wright	April	Southeastern Louisiana University
Tuesday, October 5, 2021	Garlapati	Srinivas	University of Louisiana at Monroe
Thursday, October 7, 2021	Chamcheu	Jean Christopher	University of Louisiana at Monroe
Thursday, October 7, 2021	Chaney	Joseph	Xavier University
Tuesday, October 12, 2021	Matthaiolampakis	Georgios	University of Louisiana at Monroe
Tuesday, October 12, 2021	Shultz	Jeffry	Louisiana Tech University
Thursday, October 14, 2021	Murru	Siva	University of Louisiana at Monroe
Thursday, October 14, 2021	Murray	Christopher	Southeastern Louisiana University
Tuesday, October 19, 2021	Kambiranda	Devaiah	Southern University (Baton Rouge)
Tuesday, October 19, 2021	Dutta	Samrat	Xavier University
Thursday, October 21, 2021	Piller	Kyle	Southeastern Louisiana University
Thursday, October 21, 2021	Vladimir	Kolesnichenko	Xavier University
Tuesday, October 26, 2021	*Caldorera-Moore	Mary	Louisiana Tech University
Tuesday, October 26, 2021	Ihachi	Moses	Southeastern Louisiana University
Thursday, October 28, 2021	Salim	Vonny	Louisiana State University Shreveport
Thursday, October 28, 2021	Barabutis	Nektarios	University of Louisiana at Monroe
Tuesday, November 3, 2021	Cvek	Urska	Louisiana State University Shreveport

*Pending Approval.

Details: 20 Minute presentation, 10 Minute Q&A. Schedule to begin with existing projects, after that setup Full/Pilot for each day. We have one Translational, one INBRE-COBRE Supplement.

Please check [LBRN website](#) for updated schedule.

LBRN Achievement



Dr. Urska Cvek, Dr. Marjan Trutschl, Professors of Computer Science, and Phillip Kilgore, Research Scientist, from the Laboratory for Advanced Biomedical Informatics at LSU Shreveport recently published two articles. "[Experimental evaluation of the Elson test efficiency following central slip injury](#)" resulted from their collaboration with Dr. Giovanni F. Solitro, Assistant Professor of Orthopedic Surgery at LSU Health Shreveport, and was published in the Journal of Hand Surgery Global Online. Injuries to the hand are fraught with multiple, concurrent injuries and many injuries may have chronic debilitating complications, if not detected early. One such example is a finger laceration with a concurrent extensor tendon injury, causing delayed boutonniere deformity formation and limited function. The research focused on exploring the amount of work, quantified by flexion and extension cycles, that are needed to obtain a positive Elson test following a central slip injury of a finger.

Their second recent manuscript "[A retrospective analysis of calcium levels in pediatric trauma patients](#)" (PMID: 34336394) was published in the International Journal of Burns and Trauma and explored traumatic injury in pediatric patients, which is a major cause of morbidity and mortality. Evidence exists that major trauma patients are at high risk for hypocalcemia, but the rate of pediatric occurrence is not documented. The purpose of this study was to determine the incidence of hypocalcemia in pediatric trauma patients, as well as to investigate any correlation between hypocalcemia and the need for transfusion and operative intervention.



Dr. Galina Goloverda(Top left) of the Xavier University of Louisiana, who received project funding from LBRN, applied for and received a patent for her research on "Methods Of Solvent Removal At

Ambient Temperatures - Cryovap" with her mentor, **Dr. Vladimir Kolesnichenko**(Top right).

US patent Patent 17/118319 "Methods Of Solvent Removal At Ambient Temperatures – Cryovap", Vladimir Kolesnichenko et al

<https://uspto.report/patent/app/20210178287>

"Mossbauer spectroscopy of superparamagnetic Fe₃O₄ nanoparticles" H.Y. Hah, S. Gray, C.E. Johnson, J.A. Johnson , *, V. Kolesnichenko c, P. Kucheryavy, G. Goloverda, *Journal of Magnetism and Magnetic Materials (JMMM)* 539 (2021) 168382, <https://doi.org/10.1016/j.jmmm.2021.168382>

STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT

This invention was made with government NIH support under RCMI 2U54MD007595, **IDeA 5 P20 GM103424-15, 3 P20 GM103424-15S1** and BUILD 5UL1GM118967, 5RL5GM118966, and 5TL4GM118968. The government has certain rights in the invention.



Another professor, **Dr. Jayalakshmi Sridhar**, who received full project funding from LBRN at the Xavier University of Louisiana, received a grant from the NIH for research in Alzheimer's disease.

- Title: Development of Therapeutics Targeting Tauopathy for Alzheimer's Disease (Awarded)
- Grant #3U45MD007595-12S2 (NIH-NIMHD)
- Amount: \$348,650

- Period: 07/2020 - 12/2021

She is also currently applying for a grant to the NIH with other associated studies and the decision is waiting now.

- Title: Development of novel therapeutics to block Alzheimer's Disease progression (Pending)
 - Grant Agency: NIH-NIMHD
 - Amount: \$374,181
 - Period: 04/01/2022-03/31/2023
-



Dr. Joseph Chaney has published the following paper. He is invited to attend the 2021 Southeast Regional IDeA Conference in Puerto Rico this month.

Kim, Elizabeth D., Kim, Catherine D., Chaney, Joseph and Kim, Sunyoung. (2021) Allostery in Proteins: Canonical Models and New Insights. In: Jez Joseph (eds.) Encyclopedia of Biological Chemistry, 3rd Edition. vol. 3, pp. 27–43. Oxford: Elsevier.



Dr. Kun (Karen) Zhang has published a number of papers supported by LBRN and is also involved in projects.

Publications :

- Chen Z, Cao B, Edwards A, Deng H, Zhang K*, "A deep imputation and inference framework for estimating personalized and race-specific causal effects of genomic alterations on PSA", *J Bioinform Comput Biol.* 2021 Jul 2:2150016. doi: 10.1142/S0219720021500165. Online ahead of print. PMID: 34225568
- Chen Z, Zhang W, Deng H, Zhang K*, Effective Cancer Subtype and Stage Prediction via Dropfeature-DNNs, *IEEE/ACM Trans Comput Biol Bioinform*, 2021 Feb 12;PP. doi: 10.1109/TCBB.2021.3058941. PMID: 33577454 DOI: 10.1109/TCBB.2021.3058941
- Zhang W, Dong Y, Sartor O, Zhang K*, "Comprehensive Analysis of Multiple Cohort Datasets Deciphers the Utility of Germline Single-Nucleotide Polymorphisms in Prostate Cancer Diagnosis", *Cancer Prev Res.* 2021 Apr 17. doi: 10.1158/1940-6207.CAPR-20-0534. Online ahead of print. PMID: 33866309
- Suyu Mei, Kun Zhang, "A machine learning framework for predicting drug-drug interactions" *Sci Rep.* 2021 Sep 2;11(1):17619. doi: 10.1038/s41598-021-97193-8. PMID: 34475500 PMCID: PMC8413337
- Lu Y, Li M, Lee GY, Zhao N, Chen Z, Edwards A, Zhang K*, "Seeking the exclusive binding region of phenylalkylamine derivatives on human T-type calcium channels via homology modeling and molecular dynamics simulation approach", *Pharmacol Res Perspect.* 2021 May;9(3):e00783. doi: 10.1002/prp2.783. PMID: 33984189
- Zhong Chen, Zhide Fang, Victor Sheng, Andrea Edwards, and Kun Zhang*, "CSRDA: Cost-sensitive Regularized Dual Averaging for Handling Imbalanced and High-dimensional Streaming Data", *Proceedings of The 12th IEEE International Conference on Big Knowledge*,

2021 Dec.

- Chen Z, Fang Z, Sheng V, Zhao J, Fan W, Edwards A, Zhang K*, "Adaptive Robust Local Online Density Estimation for Streaming Data", *Int J Mach Learn Cybern*. 2021 Jun;12(6):1803-1824. doi: 10.1007/s13042-021-01275-y. Epub 2021 Feb 3. PMID: 34149955
- Gallegos KM, Patel JR, Llopis SD, Walker RR, Davidson AM, Zhang W, Zhang K, Tilghman SL, "Quantitative Proteomic Profiling Identifies a Potential Novel Chaperone Marker in Resistant Breast Cancer", *Front Oncol*. 2021 Feb 25;11:540134. doi: 10.3389/fonc.2021.540134. eCollection 2021. PMID: 33718123
- Ma T, Bai S, Qi Y, Zhan Y, Ungerleider N, Zhang DY, Neklesa T, Corey E, Dehm SM, Zhang K, Flemington EK, Dong Y, "Increased transcription and high translation efficiency lead to accumulation of androgen receptor splice variant after androgen deprivation therapy", *Cancer Lett*. 2021 Apr 28;504:37-48. doi: 10.1016/j.canlet.2020.12.037. Epub 2021 Feb 6. PMID: 33556543
- Walker RR, Gallegos KM, Bratton MR, Lemieux KP, Zhang K, Wang G, Davidson AM, Tilghman SL, "Acquisition of Letrozole Resistance Through Activation of the p38/MAPK Signaling Cascade", *Anticancer Res*. 2021 Feb;41(2):583-599. doi: 10.21873/anticanres.14810. PMID: 33517263
- Qu G, Xiao L, Hu W, Wang J, Zhang K, Calhoun V, Wang Y, "Ensemble manifold regularized multi-modal graph convolutional network for cognitive ability prediction", *IEEE Transactions on Biomedical Engineering*, 10.1109/TBME.2021.3077875
- Wang KS, Yu G, Xu C, Meng XH, Zhou J, Zheng C, Deng Z, Shang L, Liu R, Su S, Zhou X, Li Q, Li J, Wang J, Ma K, Qi J, Hu Z, Tang P, Deng J, Qiu X, Li BY, Shen WD, Quan RP, Yang JT, Huang LY, Xiao Y, Yang ZC, Li Z, Wang SC, Ren H, Liang C, Guo W, Li Y, Xiao H, Gu Y, Yun JP, Huang D, Song Z, Fan X, Chen L, Yan X, Li Z, Huang ZC, Huang J, Luttrell J, Zhang CY, Zhou W, Zhang K, Yi C, Wu C, Shen H, Wang YP, Xiao HM, Deng HW. "Accurate diagnosis of colorectal cancer based on histopathology images using artificial intelligence.", *BMC Med*. 2021 Mar 23;19(1):76. doi: 10.1186/s12916-021-01942-5. PMID: 33752648

Projects :

- "A Comprehensive Bridge2AI Data Generation Project (ACB-DGP) for Health Care and Genomics" to the NIH Bridge to Artificial Intelligence (Bridge2AI) Program / Role: Co-director of Tool module
 - NIH U54 Specialized Cooperative Center proposal entitled "Tulane Tissue Mapping Center (Tulane-TMC) for Brain, Muscle, Fat and Bone" / Role: Co-director of Data Analysis Core
-



Grambling State University sets up NGS lab for SARS-CoV-2 genomic surveillance

The Rockefeller Foundation awarded \$340,000 to former LBRN PIs Paul Kim (Grambling State University) and Jamie Newman (Louisiana Tech University) in collaboration with co-PI Jeremy Kamil (LSU Health Shreveport) to join the Rockefeller Foundation's Pandemic Prevention Institute.

Thus far, 18 SARS-CoV-2 specimens with complete metadata from the GSU student health center have been sequenced in Dr. Kim's lab and uploaded to GISAID's EpiCov database.



In memory of Adeola Adedokun-Afolayan

We are saddened by the untimely passing of Ms. Adeola Adedokun-Afolayan due to COVID-19 related complications. The LBRN was a proud supporter of Ms. Adeola's academic endeavor. She was an active participant in the LBRN summer program and LBRN supported research projects. She was undaunted in her academic pursuit despite her struggles with Myasthenia Gravis. Her academic excellence was recognized at the LBRN Annual Meeting in 2020, where she won the first prize for the Graduate Student Poster Competition for her work title "*Fabrication of Human-Scaled Biliary Trees Surgical Replacements through 3D Printing.*" Ms. Adeola graduated from LSU Shreveport with a Master's in Public Health and was all set to join John Hopkins Bloomberg School of Public Health in the fall of 2021. She is survived by her husband Mr. Sodiq Afolayan and two daughters Rumaysa (7) and Salma (5).



LSU HPC Training: Introduction to Python



Wednesday, October 20, 2021: Introduction to Python

Python is a high-level programming language, easy to learn yet extremely powerful. This training will provide an introduction to programming in Python. The subjects include basic Python syntax, Python classes used in object-oriented programming. Basic Python modules for scientific computing and plotting will also be introduced. During the training, simple Python programs will be provided for demonstration.

Prerequisites:

Basic understanding of a programming language is assumed but not required.

Please visit <http://www.hpc.lsu.edu/training/tutorials.php> for more details and register using the link provided. Users will be provided with a zoom link in their registration confirmation email. Please see the system requirements at <https://support.zoom.us/hc/en-us/articles/201362023-System-Requirements-for-PC-Mac-and-Linux>.

Next HPC Training:

Wednesday, October 27, 2021: Introduction to Singularity: Creating and Running Containers on HPC

Containers such as Singularity allow users to pack an application and all of its dependencies, including the operation system, into a single image, which makes the application more portable, shareable, and reproducible. For instance, one user can create in his/her own HPC environment a Singularity image for a complex workflow with many software components and their dependencies, then share it with other users, who can run the workflow on other HPC systems, independent of the environment as long as Singularity is supported. In this tutorial, we will show how to build Singularity images and run them on the LSU/LONI HPC clusters.

Prerequisites: Basic knowledge on using HPC environment is assumed but not required.

Note that all HPC trainings will start at 9:00AM.

**Save the Date
20th LBRN Annual Meeting**

Save the Date: January 28-29, 2022 for the 20th LBRN Annual

Meeting



Mark your calendars!
January 2022

Wk	Sun	Mon	Tue	Wed	Thu	Fri	Sat
52							1
1	2	3	4	5	6	7	8
2	9	10	11	12	13	14	15
3	16	17	18	19	20	21	22
4	23	24	25	26	27	28	29
5	30	31					

Fall 2021 NIH Virtual Seminar on Program Funding and Grants Administration

NIH Virtual Seminar on Program Funding & Grants Administration

SAVE THE DATE! NOVEMBER 1-4

Free Registration – Opens Soon

[Get Notified!](#)



If you're new to working with the NIH grants process as an investigator or administrator, then mark your calendar for Monday, November 1 – Thursday, November 4 for a unique opportunity to learn, share and meet virtually with NIH and HHS experts. The NIH is offering a virtual seminar that you won't want to miss! Here are our top five reasons:

- #1: Four days of sessions with live and simu-live sessions, as well as an on-demand video library
- #2: Three tracks designed around grants policies, processes, case-studies and Q&As
- #3: Live chats one-on-one with NIH & HHS experts on the grants process and policies
- #4: Downloadable resources to reuse and/or share with others at your institution
- #5: Registration is free! Yes, you read it right.

Are you excited yet? Visit our [Save the Date](#) page and sign-up to be notified when registration opens. We hope to "see" you there!

To learn more about this and similar events check out the [NIH Regional Seminar Home Page](#) and sign up for our listserv while you're there.

2021 Southeast Regional IDeA Conference

2021 Southeast Regional IDeA Conference

November 12-14, 2021
San Juan, Puerto Rico

The Puerto Rico IDeA Network of Biomedical Research Excellence is honored to host the 2021 Southeast Regional IDeA Conference in San Juan, Puerto Rico on November 12-14, 2021. The Regional Conference has served as an important platform for faculty, postdoctoral, and student scientists of the Southeastern IDeA States and Puerto Rico to discuss matters of science, administrative policy, and best practices in a cordial and interactive scholarly environment.

* COVID-19 TEST REQUIREMENTS FOR ENTRY

LBRN encourage you and your students to submit abstracts for Oral and Poster Presentations. LBRN will be able to support travel for up to two Faculty members and two students Students subject to abstract selection and Admin core review. There is a possibility that the conference may also include virtual participation.

The abstract submission deadline is September 13.

LBRN "Core Bucks"



The BBC Core and MCBR Core offer researchers the opportunity to earn “Core Bucks” to support faculty and students upto \$1500. Requests for Core Bucks from Member Institutions must be initiated through the respective Core Contact on campus.



- The Bioinformatics, Biostatistics, and Computational Biology Core (BBC Core)

The BBC Core serves to train and support project investigators and their teams across Louisiana. It works to enable Louisiana Biomedical Research Network project PIs and their teams to employ Louisiana cyberinfrastructure (especially high performance computing), and to provide bioinformatics services, training, and educational support.

The core provides bioinformatics training, conducts workshops, and provides bioinformatics analysis services. The core also provides access to the IBM Delta Cluster and has a dedicated BBC allocation for the high performance computing resources at LSU. The BBC Core maintains software licenses and access to Ingenuity Pathway Analysis (IPA), Partek Flow, DNASTAR, and Ion Torrent analysis software. In addition, several open source tools for bioinformatics such as bowtie, tophat, cufflinks, samtools, GATK, QIIME, DADA2, Phyloseq, etc. are installed and maintained.

Some examples of standard bioinformatics workflows that can be supported through core bucks requests:

- Gene Pathway Analysis
- RNA-Sequencing Processing and Analysis
- 16S rRNA Microbial Community Analysis

- ITS2 Fungal Community Analysis

Other workflows can be developed or adapted from existing software on an as needed basis.

For more information, see: <http://lbrn.lsu.edu/resources/cores>



- The Molecular and Cell Biology Resources Core (MCBR Core)

MCBR Core Services include both one-on-one training for faculty and students as well as workshops on topics like bioinformatics and protein purification.

Sample services:

1. Molecular Biology Reagent Equipment and Services

- GeneLab provides conventional and next generation nucleic acid sequencing (NGS), and recombinant DNA Service. NGS equipment includes Torrent PGM, Ion Proton etc
- NGS Services provides a reliable connection between NGS experiments and the analysis of NGS data

2. Protein Production, Purification and Characterization Laboratory

- Protein Purification and Characterization includes semi automated Bio-rad profinia affinity chromatography system, AKTA Explorer FPLC system, and HPLC and ultracentrifugation equipment
- Peptide Synthesis and purification

- Protein-protein interactions are investigated using primarily Surface Plasmon Resonance (SPR) implemented on Biacore and ForteBio SPR equipment. Additional physicochemical characterization of protein-protein interactions is available through collaborations with the LSU Department of Chemistry.
- Gene-to-Protein-to-Antibody Services – you provide the gene, we return an antibody

3. Molecular Immunopathology Laboratory Services

- Pathology Services including necropsy procedures, gross and histopathological examinations and interpretation of immunohistochemistry and special stains performed by veterinarians and histology specialists
 - Flow Cytometry and immunophenotyping Services
 - Multiplex/Luminex complements immunophenotyping services for rapid and standardized analysis of soluble factors e.g., lymphokines, using bead based array technology.
 - Microscopy – contains transmission and scanning electron microscopes, a laser dissection microscope, a Leica TCS SP2 for 3D fluorescence microscope, and a highthroughput digital slide-scanner.
-

Coronavirus (COVID-19) Information

Information from CDC: <https://www.cdc.gov/coronavirus/2019-ncov/index.html>

Who Is Eligible for a COVID-19 Vaccine Booster Shot?

What You Need to Know

COVID-19 Vaccine booster shots are available for the following Pfizer-BioNTech vaccine recipients who completed their initial series at least 6 months ago and are:

- 65 years and older
- Age 18+ who live in [long-term care settings](#)
- Age 18+ who have [underlying medical conditions](#)
- Age 18+ who work in [high-risk settings](#)
- Age 18+ who live in [high-risk settings](#)

Data Supporting Need for a Booster Shot

Studies show that after getting vaccinated against COVID-19, **protection against the virus may decrease** over time and be less able to protect against the Delta variant. Although COVID-19 vaccination for adults aged 65 years and older remains effective in preventing severe disease, [recent data pdf icon\[4.7 MB, 88 pages\]](#) suggest vaccination is less effective at preventing infection or milder illness with symptoms. Emerging evidence also shows that among healthcare and other frontline workers, vaccine effectiveness against COVID-19 infections is decreasing over time. This lower effectiveness is likely due to the combination of decreasing protection as time passes since getting vaccinated (e.g., waning immunity) as well as the greater infectiousness of the Delta variant.

Data from a small clinical trial show that a Pfizer-BioNTech **booster shot increased the immune response** in trial participants who finished their primary series 6 months earlier. With an increased immune response, people should have improved protection against COVID-19, including the Delta variant.

Booster Shots Are Only Available for Some Pfizer-BioNTech Vaccine Recipients

Employees and residents at increased risk for COVID-19 exposure and transmission

People aged 18–64 years at increased risk for COVID-19 exposure and transmission because of [occupational or institutional setting](#) may get a booster shot of Pfizer-BioNTech vaccine based on their individual benefits and risks. Adults aged 18–64 years who work or reside in certain settings (e.g., health care, schools, correctional facilities, homeless shelters) may be at increased risk of being exposed to COVID-19, which could be spreading where they work or reside. Since that risk can vary across settings and based on how much COVID-19 is spreading in a community, people aged 18–64 years who are at increased risk for COVID-19 exposure and transmission because of [occupational](#) or institutional setting may get a booster shot after considering their individual risks and benefits. This recommendation may change in the future as more data become available.

We remind everyone of the information provided here on our website: [LBRN COVID-19](#).

- **Register Today for Our Capacity Building Webinar to be Held on October 21**

Are you at an institution with little NIH research support? Are you interested in sustaining or increasing research capacity at your institution? If so, then whether you are a researcher or institutional official, you may be interested in joining us for the [2021 Capacity Building for the Future of Biomedical Research Webinar](#), an official [NIH Virtual Seminar on Program Funding and Grants Administration](#) preconference event, on Thursday, October 21, 2021, 1:00 PM to 3:30 PM EDT. [Registration](#) is required for the Capacity Building event. Register today, as space is limited! This webinar will strengthen your knowledge base by allowing you to learn from the success of other institutions like yours, identify programs that can provide support in your capacity building efforts, help you learn to navigate common challenges in the grants process, and expand your connections.

We hope you leave the webinar inspired, prepared with tailored expert information and advice, and excited to make the most of the [NIH Virtual Seminar](#) (Nov. 1-4). (Note, you need to register separately for the NIH Virtual Seminar and the Capacity Building Webinar!)

Take a look at the topics covered during the pre-conference event:

- **Capacity Building Success Stories**

- Turtle Nation Research Group
- Morgan State University
- NIH Idaho INBRE Program, University of Idaho

- **Overcoming Challenges**

- Preparing to Apply
- Application Review Issues
- Reapplying & Resubmission
- Grant Policy Considerations
- Funding Capacity Building Efforts

- **Pathways to Success:**

- Current and Future STEM Workforce
- Research Science and investigation
- Capacity Building for Contracting
- Partnerships & Networks

Remember, registration and attendance are free. [Register today!](#)

- Register for the Fall 2021 NIH Virtual Seminar on Program Funding and Grants Administration!**

Are you ready to learn more about the NIH grants process while connecting with NIH/HHS staff and collecting resources to share with your team? This fall, the NIH is bringing back the NIH Virtual Seminar on Program Funding and Grants Administration directly to your computer... FREE of charge! Mark your calendar for Monday, November 1 – Thursday, November 4!

This event is designed to demystify the NIH grant application, review, award and post-award processes and policies! [Register today](#) and be sure to check out all the networking opportunities taking place during the seminar, including new ways to chat one on one with NIH and HHS experts, interact with attendees, and make the most of the seminar.

If you're new to working with the NIH grants process as an investigator or administrator, join us as we connect and collaborate! Here's what to expect:

- [Free registration!](#) Yes, you read it right.
- [Four-day event](#) with live sessions, as well as an on-demand video library
- [Three concurrent sessions designed around grants policies and programs](#), including case studies and Q&As
- [Live chat opportunities](#) with NIH and HHS experts on the grants process, policies, and programs
- [Downloadable resources from over 45 booths](#) to reuse and/or share with others at your institution.

- Animal Welfare Assurance Annual Reports to OLAW Due by December 1, 2021**

Recipient institutions with an [Animal Welfare Assurance](#) must submit their [Annual Reports](#) to the NIH Office of Laboratory Animal Welfare by December 1, 2021 ([NOT-OD-22-002](#)). These reports cover the October 1, 2020, through September 30, 2021, reporting period, as required by the [Public Health Service Policy on Humane Care and Use of Laboratory Animals](#).

The following information must be reported:

- Changes in the institution's [AAALAC International accreditation status](#), animal care and use

program, [Institutional Official](#), and/or [Institutional Animal Care and Use Committee \(IACUC\) membership](#)

- Dates for the program and facility [IACUC Semiannual evaluations](#)
- Any IAUC member minority view

You can download the [Annual Report Form](#), and watch [this webinar](#) for more on the updated annual reporting period ([NOT-OD-20-109](#)).

- **Get Your Questions Answered at the NIH Virtual Seminar on Program Funding & Grants Administration**

Grants managers, policy officials, review officers, and other NIH grants experts are preparing their booths for the [2021 NIH Virtual Seminar on Program Funding & Grants Administration](#). When you register for this free event, not only will you have access to over 50 scheduled sessions about applying for NIH funding, peer review, grants policy and compliance, research integrity, human subjects, animal welfare, and more, you will have access to hundreds of NIH staff at booths and at the conference, waiting to answer your questions. The ability for you to schedule one-on-one 20-minute appointments with NIH staff is new to the seminar this year, so take advantage of the opportunity to ask your questions and learn from the NIH and HHS staff behind grants policies and processes. Make sure you [register for the seminar](#) to join in the fun and bring helpful answers back to your team.

As you attend the seminar, you might be wondering how a policy applies to your situation or research area. Luckily you don't have to go far to find answers, just visit the Exhibit Hall to chat with representatives from many of the NIH Institutes and Centers who can address your specific questions.

What our booths lack in candy and free pens, we make up for in expert advice from staff and informational resources you can share. Stop by and stay awhile – here's a sampling of the booths you can expect:

- Ask an NIH Grants Compliance Expert
- Ask an NIH Grants Management Officer
- Ask an NIH Policy Officer
- Ask an NIH Review Officer
- Ask an NIH Training Officer
- & NIH ICs, special funding programs, and more!

You will be able to access the booths and start scheduling 1:1 appointments when the Exhibit Hall opens approximately 1 week prior to the event. Registered attendees will receive an announcement, so [register today!](#)

- Replace eRA Commons Password with Passphrase, Starting Sometime in November**

While eRA has been transitioning users of eRA Commons, Commons Mobile, ASSIST and IAR to [two-factor authentication](#) using either [Login.gov](#) or an [InCommon Federated Account](#) that supports NIH's two-factor authentication standards, users will still need to maintain their eRA Commons username and password for the time being.

So eRA account credential maintenance will continue, at least for now, but not to worry, gone are the days of having to continually change your password every 120 days. NIH is moving from passwords to passphrases — a set of random words or a sentence at least 15 characters long — effective sometime in November (date to be confirmed). Passphrases will only need to be updated annually.

This change is part of a new NIH password policy designed to make passwords easy for users to remember but hard for others to guess. The new policy aims to improve user experience and enhance cybersecurity.

Once this new change is in effect, Commons users will be prompted to change their password to a passphrase when trying user credentials with an expired or forgotten password. Users are advised to avoid words that can be easily guessed, such as family names.

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. [Please contact your LBRN Steering Committee Member.](#)

LONI HPC Allocation for LBRN



To support the LBRN / BBC Core community on LONI HPC systems, we have renewed our high-performance computing allocation for 2020/2021.

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](#).

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 GM103424-18 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 P20GM103424-20.

- 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 (2P20GM103424-19) an Institutional Development Award (IDeA) from the National Institute of General Medical Sciences of the National Institutes of Health.

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