



## UI-RESEARCH NEWS

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### UI SET TO STRENGTHEN TEACHING AND RESEARCH

The University of Ibadan Management Retreat took place on Monday, February 7 to Wednesday February 9, 2022, at Ilaji Hotels and Resorts Center, Akanran, Ibadan. It was a harvest of ideas towards an effective administration during the tenure of the 13th Vice-Chancellor of the University, Professor K. O. Adebowale, mni, FAS, whose tenure began on 1 November 2021.



**Professor K. O. Adebowale, mni, FAS  
Vice Chancellor, UI**

In his address, titled “Towards a Global First-Rate University, Harnessing Strengths and Opportunities”, Professor Adebowale reiterated the determination of his administration to reposition teaching and research in the University.

According to him, if UI must continue to maintain her rightful position in the comity of Higher Educational Institutions (HEIs) and aspire high in global ranking within and outside Africa, an efficient Library and municipal services are required to support cross-cutting and innovative research which would eventually boost teaching and learning process.

The Vice-Chancellor solicited the cooperation and assistance of all stakeholders to attain and maintain a high global ranking and enhance the international outlook of the University. Two former Vice Chancellors, Emeritus Professor Olufemi A. Bamiro, FAS, who was the 10th Vice Chancellor of the University, and Professor Abel Idowu Olayinka, FAS, the 12th Vice Chancellor, were in attendance.



**Professor Abel Idowu Olayinka, FAS  
Former, Vice Chancellor, UI**



**A cross-section of attendees of the 2022 University of Ibadan Management Retreat held on Monday, February 7 to Wednesday February 9, 2022, at Ilaji Hotels and Resorts Center, Akanran, Ibadan.**

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Professor Olayinka, in his welcome address, remarked that the Retreat was timely, adding that Together Each Achieves More (TEAM).’He emphasised the importance of peace as an antidote for achieving greater height in any administration.

According to him, the University system requires peaceful atmosphere to thrive and maintain high ranking in the comity of HEIs.



**Emeritus Professor Bamiro**  
**Former, Vice Chancellor, UI**

Emeritus Professor Bamiro in his Keynote Address emphasised that everyone has to contribute to the continued existence and progress of the University. He stated that Universities need to re-strategize and think out of the box to make the difference. He stressed the role of the Triple Helix as a way of boosting institutional economy through Government-Industry-Academia partnership.



**Mrs Olubunmi O. Faluyi**  
**The Registrar, UI**

He also emphasised the role of data in modern administration. According to him, data are required to understand needs, manage change and project for the future. He said that this emphasises the importance of effective record-keeping system and research.

The Registrar, Mrs Olubunmi O. Faluyi, giving a vote of thanks, summarised the take-home message from the opening remark and the keynote address; she reiterated the earlier submissions that peaceful environment and use of data for planning, implementation and evaluation are important ingredients to high-ranking institutional growth and development. According to her, the former Vice Chancellors (Professor Emeritus Bamiro and Professor Olayinka) gave the impetus for guiding subsequent discussions at the retreat.



## **CARTA'S 5<sup>TH</sup> VICE- CHANCELLORS' MEETING**

The Vice-Chancellor of the University of Ibadan, Professor Kayode O. Adebowale, participated in the Consortium for Advanced Research Training in Africa (CARTA) 5th Vice-Chancellors' meeting held virtually on February 7, 2021. The purpose of the meeting was to update the Vice-Chancellors and heads of institutions on CARTA's funding status and the program's efforts to strengthen postgraduate training, research and related research ecosystems at partner institutions. on CARTA's funding status and the program's efforts to strengthen postgraduate training, research, and related research ecosystems at partner institutions.



**Professor K. O. Adebowale, mni, FAS**  
**Vice Chancellor, UI**

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The meeting's participants include the Vice-chancellors, heads of research institutions and representatives of the following partners and funders: University of Ibadan (Nigeria), Makerere University (Uganda), University of Nairobi (Kenya), University of Rwanda (Rwanda), Obafemi Awolowo University (Nigeria), Moi University (Kenya), Kamuzu University of Health Sciences (Malawi), Ifakara Health Institute (Tanzania), University of Witwatersrand (South Africa), Agincourt (South Africa), African Population and Health Research Center APHRC (Kenya), Swiss Tropical and Public Health Institute (Switzerland), University of Warwick (United Kingdom), University of Gothenburg (Sweden), University of Monash (Australia), Canadian Association for Global Health (Canada), Brown University (United States of America) and Umea University (Sweden), Carnegie Corporation (USA) and Swedish International Development Cooperation Agency (Sweden).

The University of Ibadan team, led by the Vice-Chancellor, comprises Professor Oluyemisi A. Bamgbose (DVC, Research Innovation and Strategic Partnership), Professor Aderonke M. Baiyeroru (DVC Academics), Professor Jonathan Babalola (Provost, Postgraduate College), Professor Ayodele Jegede (Director, RMO), Prof Akinyinka Omigbodun (CARTA focal person) and Dr Olufunke Fayehun (CARTA co-focal person). In his introductory remark, the Vice-Chancellor highlighted the current University's strategies for enhancing research, including the development of research support infrastructure, the long-term development of human resources for researchers, the rewarding of research and the enhancement of the PhD program. He also mentioned how CARTA will be able to help with such plans.

Highlights of discussions at the meeting include CARTA 2025 strategy, NORHED II iCARTA Project and DELTAS Africa II funding. Another highlight of the meeting was the Bill and Melinda Gates Foundation's new initiative, "Catalyze impact via African-led implementation research platforms". The initiative, led by APHRC, aims to enable Africa-led and owned platforms to increase the number of African universities and research institutes capable of producing health research as a global public good to achieve health impact. The context was based on Africa's low contribution to global research and development (R&D) products that were attributed to limited local R&D investments and a disconnect between the strategies of the initiatives that aimed to

increase funding for African researchers and the reality on the ground. CARTA's partner institutions were identified as early runners and champions for the initiative based on the consortium's existing networks, partnerships, relationships, tools and techniques and capacity-building resources.

The Vice-Chancellor of University of Ibadan gave the closing remarks. He noted that, while all members in the CARTA consortium shared a similar goal of improving research and research performance, the partners had the freedom to contextualize their efforts in light of unique local needs and circumstances. However, with that independence came responsibility and the importance of partners being accountable, transparent and hardworking, especially when meeting deadlines. He was sure that the institutions had a crop of administrators committed to those ideals after interacting with his fellow Vice-Chancellors from other partner universities. Finally, he thanked CARTA on behalf of the Vice-Chancellors and Heads of partner institutions. He promised to continue and expand the collaboration in accordance with best practices, particularly in the areas of openness, accountability, and dedication to hard work.

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## THE DVC, RISP OUTLINES SIX GOALS FOR STRENGTHENING RESEARCH, INNOVATION, AND INTERNATIONALISATION



**Prof. Professor Oluyemisi Bamgbose, SAN  
DVC, Research, Innovation and Strategic  
Partnerships**

The Deputy Vice-Chancellor, Research, Innovation and Strategic Partnerships (DVC-RISP), Professor Oluyemisi Bamgbose, SAN, made an elaborate presentation on repositioning research, innovation, and strategic partnerships at the just concluded Management Retreat which took place between

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Monday, February 7 and Wednesday, February 9, 2022. Professor Bamgbose commenced her presentation by emphasising the mandate of the Research, Innovation and Strategic Partnerships' working group as: "Promote quality research, environmentally responsive innovations and enduring partnerships and internationalization". She then outlined her points under the following six goals: Advance Research culture and innovation for impacting local, national and global development; Promote research uptake and commercialisation; Entrench an effective research management structure that ensures sustainable support for pure, applied and translational research; Increase the International outlook of the University through strategic partnerships and admission of foreign students; Enhance Global standard structures for achieving Internationalisation agenda, and Provide global standard services and infrastructure to achieve the Internationalisation mandate. She concluded that research is a business requiring adequate investment for expected returns. She also emphasised that internationalisation is an ingredient for institutional reputation.

The Chairman expressed his gladness on the inflow of international grants to the University, one of which resulted in the One-day sampling workshop. He enjoined the participants to be fully committed to the workshop, as optimisation of research and reproducible data is hinged on proper sample collection.

The Training Workshop proper commenced with a short presentation from the ACEZAD PI, Prof J. O. Olopade. He briefly shared, in detail, what the grant is focused on and the different locations where samples will be collected (six geopolitical zones of Nigeria, Benin Republic and Cameroon). This was followed by a series of lectures by resource persons.



Left to Right: Prof. James Olopade; Prof. Olufunke Ola-Davis, Dean of Veterinary Medicine; Prof. Ayodele Jegede, Director RMO; Prof. S. G. Olukole, HoD Veterinary Anatomy, Prof. D. Oluwayelu, and Prof. S.I. Cadmus, Director of CCPZ

## UI VIROLOGY LAB ACCREDITED

The Department of Virology, College of Medicine, University of Ibadan, got the accreditation of its programme renewed by the South African National Accreditation System (SANAS) for a period of four years. The accreditation ensures that all facilities accredited met with its conditions and requirements. The accreditation is based on recognised international standard and demonstrated technical competency for a defined scope. The accreditation takes effect from 29 March 2022 to 28 March 2026.

## ALEXANDER von HUMBOLDT CENTER OF EXCELLENCE FOR ZONOTIC ARBOVIRAL DISEASES (ACEZAD) WORKSHOP ON SAMPLE COLLECTION

The workshop commenced with an opening ceremony chaired by the Director, Research Management Office, University of Ibadan, Professor Ayodele Jegede, with Goodwill messages from the Dean, Faculty of Veterinary Medicine, Professor Olufunke O. Ola-Davis; Director, Centre for Control and Prevention of Zoonoses (CCPZ), Professor Simeon I. B. Cadmus, and the Acting Head, Department of Veterinary Anatomy, Dr S. G. Olukole.

In his presentation, "Collecting Samples with Genomics in Mind" Dr Anise Happi highlighted the importance of proper labelling of sample containers, the use of the right fixative and transport media to preserve the structure of viral RNA and DNA and the use of PPE during sample collection.

Professor D. O. Oluwayelu (a member of the ACEZAD team), in his lecture, emphasised the importance of community engagement with good communication to ensure an appropriate and hitch-free access to the field for sample collection. Another lecture on the epidemiological importance of ticks and mosquitoes by Dr W. Suled described in detail the appropriate methods of collecting these arthropods for processing. He also highlighted some drawbacks and ways of surmounting them, from his personal experience in the field.

Participants benefited from the experiences of two eminent scholars, Mrs. Kafayat Adebayo and Mr. Edward, who shared experiences on capturing live African Giant Rat (AGR) and squirrel and the proper handling of these animals to ensure that they are neither agitated nor killed before sample collection. They also spoke extensively on the peculiarities of capturing a

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number of other wildlife, mostly based on questions asked by the participants.



Members of the University of Ibadan team also demonstrated on sample collection using a pigeon and AGR, the steps to be taken from pre-labelling sample bottles to proper restraint of animals for anaesthesia, disinfection for collection of anal and pharyngeal swab, collection of blood for serum and plasma to proper storage of animal carcass.

The workshop was not all work without pleasure. The participants took time out to visit the Damien Foundation Laboratory for the Prevention and Surveillance of Zoonotic Diseases, University of Ibadan, to douse the tension of work.

The workshop ended on a high note as participants, faculty and members of the local organising committee received their certificates of participation.

A total of 27 people (nine Faculty and special guests, 10 participants and eight LOC members) attended the workshop. Participants were from Nigeria (all geopolitical zones represented), Benin Republic and Cameroon.

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# PREVENTION OF SPREAD OF COVID-19

The novel coronavirus (SARS-CoV-2) is a new strain of the virus that has not been previously identified in humans. SARS-CoV-2 is the virus that causes coronavirus disease (COVID-19). The Federal Ministry of Health, through the Nigeria Centre for Disease Control (NCDC), has activated a national Emergency Operations Centre at the highest level and is leading the national response. A National Rapid Response Team has been deployed to support affected State Governments with response activities.

As at 1st of May 2020 there were 18 laboratories in NCDC's molecular laboratory network with the capacity to test for COVID-19 in Nigeria, more are still being added. These laboratories were sufficiently equipped with reagents and supplies for testing.

On the 27th of April, President Muhammadu Buhari announced that there would be a phased and gradual easing of the lockdown in these locations. He added that, however, the following additional preventive measures would be enforced:

- Mandatory use of non-medical face mask/covering for all persons while in public spaces. Use of medical latex hand gloves are prohibited
- Mandatory provision of handwashing facilities/sanitizers and extensive temperature checks in all public spaces. Anyone with temperature above 38 degrees Celsius will not be allowed into public spaces and should be told to return home
- Mandatory temperature checks in public spaces
- Prohibition of interstate travel except for essential travels and services
- Prohibition of gatherings of more than twenty (20) persons outside of a workplace
- Prohibition of gatherings of more than twenty (20) persons at a funeral; all infection prevention and control measures and physical distancing of 2 metres must be adhered to
- Controlled access to markets and locations of economic activities
- Physical distancing of 2 metres between people in workplaces and other public spaces

## HOW TO PROTECT YOURSELF

Members of the University Community should undertake simple measures to prevent the spread of the virus, by following these measures:

- Wash your hands frequently with soap under running water for at least 20 seconds or use an alcohol-based sanitiser if water is not available
- Cover your mouth and nose properly with a tissue paper when sneezing and/or coughing. Dispose of the tissue properly immediately after use. You may also cough into your elbow if a tissue is not available
- Maintain at least 2 metres (6 feet) distance between yourself and anyone who is coughing or sneezing repeatedly
- Maintain at least 2 metres (6 feet) distance with other people when in public places
- Wear a non-medical face mask/covering when leaving the house
- Avoid touching your eyes, nose and mouth with unwashed hands.
- Ensure routine cleaning of high-contact areas such as toilets, door handles, telephones, light switches etc.
- Consciously distance yourself at least two (2) meters to the next person. Stay 6 feet away, especially if the person around is coughing or sneezing.
- Do not shake hands or hug any person.
- Unnecessary visitors should not be allowed
- An ill person should be asked to stay away from the office
- Offices can practice routine cleaning of frequently touched surfaces (for example tables, desk, light switch, sinks, electronics, door handles, toilets, etc.
- If you have recently returned from a place or area within the last 14 days with widespread of transmission and have a fever, cough, or breathing difficulty, stay at home and call your state hotline or the NCDC on 080097000010.
- Self-isolate if you returned from any place or area within the last 14 days with widespread transmission of COVID-19

## ABOUT CORONAVIRUS DISEASE (COVID-19)

COVID-19 appears to cause mild to severe respiratory symptoms like fever, cough and difficulty breathing. From current evidence, about 80 persons out of 100 persons with the disease will recover. In about 10- 15% of cases, it will cause severe illness. It appears that death is not a common outcome and occurs mostly in patients with underlying health issues.

There is no specific treatment yet for COVID-19. However, many of the symptoms can be treated. Treatment is based on the patient's clinical condition, but supportive care for infected persons can be highly effective.

The above are precautionary measures to guide and protect us as individuals and entire system at large. Therefore, we are encouraged to kindly observe the prevention measures conscientiously.

# FELLOWSHIP AND SCHOLARSHIPS

## **BROCHER FOUNDATION 2023 CALL FOR PROPOSALS RESIDENCIES & WORKSHOPS**

We are happy to announce that our calls for proposals are now open! The Brocher Foundation offers to Researchers the opportunity of a 1 to 3 months Residency or to organize a 2- or 3-days multidisciplinary Workshop on the Ethical, Legal and Social Implications of new medical developments.

It is the perfect occasion to take advantage of a uniquely located Foundation on the shores of Lemna Lake and to meet Experts from numerous international organizations and non-governmental organizations based in the area (WHO, UNAIDS, WIPO, WTO, ILO, WMA, ICRC, MSF, etc.). Terms and conditions for both Residencies & Workshops:

<https://brocher.us3.list-manage.com/track/click?u=5c9e262a56897ab303b02406e&id=497eadae25&e=ba1507208b>



## **Visiting Research Fellowships 2022-23**

### APPLICATION PACKAGE

The Centre of African Studies, with the generous assistance of the A.G. Leventis Foundation and the Isaac Newton Trust, is pleased to announce two Visiting Research Fellowships to be held at the University of Cambridge.

Applications are invited for Visiting Research Fellowships to commence between 1 October and 1 December 2022. The maximum duration of a Fellowship is six months and is non-renewable.

Fellows will have access, by agreement, to the holdings of Faculty and Departmental libraries, to the library of the Centre of African Studies and to the University Library.

Travel, visa, college accommodation, and maintenance costs will be paid by the Centre on behalf of the fellow. The Centre is not able to provide additional sums for the travel and living expenses of anyone accompanying the Fellow to Cambridge. The sum is not subject to tax in the UK.

The aim of the Fellowships is to enable the fellows to focus on a period of research and writing in Cambridge.

Applications are invited from candidates in all the disciplines in the humanities and social sciences. Applicants are expected to have completed a doctoral

degree before the Fellowship start date. Preference will be given to candidates with a distinguished research profile commensurate with their academic rank. Early-to mid-career researchers are particularly encouraged to apply. Offers are normally made to applicants who are based in African universities or research institutions. It is expected that applicants would come to Cambridge to work on a project that builds on existing research for which a period of residence in Cambridge is demonstrably appropriate. They should present a clear and feasible plan for preparing one or more pieces of work for publication. The initiation of a new research project will not be ruled out where there is a realistic expectation that it could be substantially advanced by the end of the tenure of the Fellowship.

All candidates are requested to submit a substantial piece of written work as part of their application (either a book chapter or journal article, which must be single authored).

In order to apply for a Fellowship, you will need to apply to [centre@african.cam.ac.uk](mailto:centre@african.cam.ac.uk) by 31 March 2022 and to arrange for your references to be submitted by the same date. The Centre is not able to consider applications that are not complete.

Below, please find guidance on:

- The information required in your curriculum vitae.
- The project details required.
- Information to pass on to your referees.

Your application must include the following:

- your curriculum vitae including details of publications.
- your project details.
- a photocopy of your PhD certificate (if applicable);
- a photocopy of your passport.
- a substantial single-authored writing sample
- two references to be sent directly by your referees to [centre@african.cam.ac.uk](mailto:centre@african.cam.ac.uk)

The University follows an equal opportunities policy and does not discriminate according to race, gender, sexual orientation, or disability.

All documents must be written in English.

## **Postdoctoral Fellowship at National Institutes of Health (NIH), United States**

National Institutes of Health (NIH), United States invites online Application for various Postdoctoral Fellowship in their different Departments. We are providing a list of Postdoc Fellowship positions available at NIH, United States.

Eligible candidate may Apply as soon as possible.

# FELLOWSHIP AND SCHOLARSHIPS

## **(01) Postdoc Fellowship Position**

### **summary/title: BIOCHEMISTRY – BETA CELL BIOLOGY**

A candidate will be expected to work closely with the other members of the Diabetes Section. They will primarily be focused on the prevention of beta cell destruction in islets.

The position is in the Diabetes Section, within the Laboratory of Clinical Investigation/NIA/NIH, Baltimore MD. The Diabetes Section has a 30-year history of studying hormone secretion with age, incretin biology, islet health, and cannabinoid physiology as it relates to peripheral actions in metabolically active tissues.

Deadline : **May 6, 2022**

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/9277/Biochemistry\\_-\\_Beta\\_Cell\\_Biology](https://www.training.nih.gov/postdoc_jobs_nih/view/31/9277/Biochemistry_-_Beta_Cell_Biology)

## **(02) Postdoc Fellowship Position**

### **summary/title: CRISPR SCREENING NEXT GENERATION SEQUENCING**

A postdoctoral position is available in the Molecular and Cell Biology Section in the Neuro-Oncology Branch, CCR, NCI, NIH. The position is offered to apply a whole genome approach in the study of mechanisms involved in cancer therapy resistance, such as DNA repair and metabolic reprogramming. The ideal candidate will play a leading role in providing computational and biological insights by analyzing large data sets derived from genomics, epigenetics, and proteomics experiments. The position will involve the design, preparation, and analysis of applications involving high-throughput DNA sequencing methods for a variety of assays, including RNA-seq, exon sequencing, ATAC-seq, DNase-seq, CHIP-Seq, and genetic screening.

Deadline : **May 6, 2022**

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/9275/CRISPR\\_Screening\\_Next\\_Generation\\_Sequencing](https://www.training.nih.gov/postdoc_jobs_nih/view/31/9275/CRISPR_Screening_Next_Generation_Sequencing)

## **(03) Postdoc Fellowship Position**

### **summary/title: DEVELOPMENTAL NEUROSCIENCE AND INTERNEURONS**

The Unit on Cellular and Molecular Neurodevelopment at the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), National Institutes of Health (NIH), in Bethesda MD is seeking two enthusiastic and highly motivated postdoctoral candidate to join our laboratory studying neurodevelopment.

Deadline : **May 6, 2022** or until filled.

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/9274/Developmental\\_Neuroscience\\_and\\_Interneurons](https://www.training.nih.gov/postdoc_jobs_nih/view/31/9274/Developmental_Neuroscience_and_Interneurons)

## **(04) Postdoc Fellowship Position**

### **summary/title: MOLECULAR AND CELLULAR NEUROENDOCRINOLOGY**

The Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), National Institute of Health (NIH), is recruiting two postdoctoral fellows to join the Section on Cellular Signaling and participate in basic and translational research in molecular and cellular neuroendocrinology.

Deadline: **May 31, 2022**, or until positions are filled.

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/9272/Molecular\\_and\\_Cellular\\_Neuroendocrinology](https://www.training.nih.gov/postdoc_jobs_nih/view/31/9272/Molecular_and_Cellular_Neuroendocrinology)

## **(05) Postdoc Fellowship Position**

### **summary/title: NEUROMODULATION OF FEEDING-RELATED NEURAL CIRCUITS**

Postdoctoral positions are available (open until filled) to explore neuromodulation of neural circuits influencing feeding-related motivation and reinforcement in the laboratory of Dr. Andrew Lutas. The Lutas lab aims to understand the timescales by which monoamines, hormones, and peptides influence the ability of environmental stimuli to trigger feeding, which can lead to the development of obesity. To do so, we leverage optical approaches (multiphoton microscopy, fiber photometry, and optogenetics) that allow us to track and manipulate biochemical signals concurrent with neural signatures of spiking in the same neurons across days to months. One research direction of interest to the lab is how medications for diabetes and obesity acutely or chronically influence neural circuits controlling reward seeking behaviors with the aim of improving current medications and uncovering new treatment options.

Deadline : **May 6, 2022** or until filled.

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/9112/Neuromodulation\\_of\\_Feeding-related\\_Neural\\_Circuits](https://www.training.nih.gov/postdoc_jobs_nih/view/31/9112/Neuromodulation_of_Feeding-related_Neural_Circuits)

## **(06) Postdoc Fellowship Position**

### **summary/title: NEUROSCIENTIST – NEURAL CIRCUITS**

We are seeking talented and enthusiastic postdoctoral fellows to join our team at the Section of Neural Circuits. The mission of the Section of Neural Circuits

# FELLOWSHIP AND SCHOLARSHIPS

is to understand how genetic and environmental insults alter the input to, computation in, and output of biological circuits to cause neurodevelopmental disorders like autism, epilepsy and attention-deficit/hyperactivity disorder. With this fundamental understanding of circuits, we aim to develop novel molecular and biochemical approaches to repair or optimize network output at nodes within neural networks that are prone to dysregulation.

Deadline : **May 6, 2022** or until filled.

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/9278/Neuroscientist\\_-\\_Neural\\_Circuits](https://www.training.nih.gov/postdoc_jobs_nih/view/31/9278/Neuroscientist_-_Neural_Circuits)

## **(07) Postdoc Fellowship Position**

### **summary/title: ANTI-CARBOHYDRATE ANTIBODY DESIGN AND DISCOVERY**

The Gildersleeve laboratory at the National Cancer Institute currently has an opening for a postdoctoral fellow. The goal of our research program is to develop and investigate carbohydrate-binding antibodies for cancer applications. We use glycan microarray technology as well as chemical, biochemical, and molecular biology approaches to design and develop new carbohydrate-binding antibodies as research tools, diagnostics, and therapeutics. This project will involve developing new strategies for design and discovery of anti-carbohydrate antibodies for cancer applications. Candidates with experience in antibody development and discovery, protein engineering, glycobiology, and/or directed evolution are especially encouraged to apply.

Deadline : **May 2, 2022** or until filled.

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/9267/Anti-Carbohydrate\\_Antibody\\_Design\\_and\\_Discovery](https://www.training.nih.gov/postdoc_jobs_nih/view/31/9267/Anti-Carbohydrate_Antibody_Design_and_Discovery)

## **(08) Postdoc Fellowship Position**

### **summary/title: CLINICAL AND BIOMEDICAL INFORMATICS NCATS,**

a major research component of NIH, seeks applications from qualified candidates to fill a postdoctoral fellowship position in the Informatics Core within the Center's Division of Preclinical Innovation. Applicants to this intramural program should have a background in clinical informatics with an interest in data science. The Informatics Core is a dynamic, interdisciplinary team of clinical, bio- and chem-informaticians, translational researchers, and project managers interested in evaluating drug-disease relationships. For these assessments, the team uses knowledge sources

containing clinical, -omic and in vitro assay data (e.g., high-throughput screening) that are curated and/or supported and managed at NCATS. Relevant knowledge sources include but are not limited to the Genetic and Rare Diseases Information Center (GARD), Pharos, and Inxight. The goal is to bridge preclinical and clinical assessments to find new putative targets.

Deadline : **May 2, 2022** or until filled.

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/9269/Clinical\\_and\\_Biomedical\\_Informatics](https://www.training.nih.gov/postdoc_jobs_nih/view/31/9269/Clinical_and_Biomedical_Informatics)

## **(09) Postdoc Fellowship Position**

### **summary/title: SLEEP NEUROSCIENCE**

The Advanced MRI Section (AMRI) in the Intramural Research Program of the National Institute of Neurological Disorders and Stroke at the National Institutes of Health (NIH) in Bethesda, Maryland is seeking a postdoctoral fellow for its all-night EEG-fMRI sleep study.

Deadline : **May 1, 2022** or until filled.

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/9262/Sleep\\_Neuroscience](https://www.training.nih.gov/postdoc_jobs_nih/view/31/9262/Sleep_Neuroscience)

## **(10) Postdoc Fellowship Position**

### **summary/title: ATOPIC DERMATITIS AND PRIMARY IMMUNODEFICIENCY SYNDROMES**

A funded postdoctoral fellow position is available immediately in the Kong lab in the Cutaneous Microbiome and Inflammation Section, Dermatology Branch, NIAMS. Our group studies human-associated microbes in healthy volunteers and patients with atopic dermatitis and primary immunodeficiency syndromes. We currently are investigating antimicrobial resistance, altered microbiomes in skin disorders, and integrated microbiome-host transcriptomics in immunodeficiency. This work will provide insights into microbial-host interactions and microbial contributions to human diseases. We work closely with our collaborators to utilize multidisciplinary approaches including microbiome analyses, microbial genomics, molecular biology, microbiology, and host transcriptomics and immunology.

Deadline : **April 25, 2022** or until filled.

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/9259/Atopic\\_Dermatitis\\_and\\_Primary\\_Immunodeficiency\\_Syndromes](https://www.training.nih.gov/postdoc_jobs_nih/view/31/9259/Atopic_Dermatitis_and_Primary_Immunodeficiency_Syndromes)

# FELLOWSHIP AND SCHOLARSHIPS

## **(11) Postdoc Fellowship Position**

### **summary/title: NEURONAL CELL BIOLOGY OF INJURY**

The Le Pichon laboratory at the National Institutes of Health is recruiting a postdoctoral fellow for fully funded research to study the cell biology of neuronal injury in human iPSC-derived neurons.

Our laboratory combines cell biological and mouse modeling approaches to understand axon injury responses, their role in disease, and to develop therapeutic approaches. We are interested in how neuron types differentially respond to injury- for example, peripheral neurons have an intrinsic ability to regenerate their axons, unlike the axon degeneration commonly observed in many CNS neurons.

Deadline : **April 25, 2022** or until filled.

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/9258/Neuronal\\_Cell\\_Biology\\_of\\_Injury](https://www.training.nih.gov/postdoc_jobs_nih/view/31/9258/Neuronal_Cell_Biology_of_Injury)

## **(12) Postdoc Fellowship Position**

### **summary/title: RADIOBIOLOGY OF GLIOBLASTOMA STEM CELLS**

A postdoctoral position is available to investigate the mechanisms mediating the radioresponse of glioblastoma stem-like cells grown in vitro and in vivo as orthotopic xenografts. These studies are ultimately aimed at identifying and testing targets for glioblastoma radiosensitization.

Deadline: **April 25, 2022** or until filled.

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/9256/Radiobiology\\_of\\_Glioblastoma\\_Stem\\_Cells](https://www.training.nih.gov/postdoc_jobs_nih/view/31/9256/Radiobiology_of_Glioblastoma_Stem_Cells)

## **(13) Postdoc Fellowship Position**

### **summary/title: ROLE OF THE ALVEOLAR EPITHELIUM IN PULMONARY IMMUNITY**

A postdoctoral fellow is sought for studies of the role of the alveolar epithelium in innate and adaptive immune responses to the environment. Our group recently identified Epithelial Membrane Protein 2 (EMP2) as a novel epithelial-expressed regulator of neutrophil entry into the airspace (Lin WC et al., J Clin Invest 2020). We have since generated conditional Emp2 knockout mice and now wish to investigate roles for EMP2 in additional models including viral pneumonia and asthma. The successful candidate will be fortunate in acquiring this highly novel, mature project with established and validated research tools. Our laboratory has expertise in single-cell genomics and the successful candidate will also be able to receive training to apply these approaches in their work.

Deadline : **April 25, 2022** or until filled.

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/9257/Role\\_of\\_the\\_Alveolar\\_Epithelium\\_in\\_Pulmonary\\_Immunity](https://www.training.nih.gov/postdoc_jobs_nih/view/31/9257/Role_of_the_Alveolar_Epithelium_in_Pulmonary_Immunity)

## **(14) Postdoc Fellowship Position**

### **summary/title: UBIQUITIN-DEPENDENT REGULATION OF STEM CELL FATES**

We are seeking a highly motivated postdoctoral researcher to study ubiquitin-dependent regulation of stem cell maintenance and differentiation in normal and disease states. Our team is part of the National Institute of Dental and Craniofacial Research (NIDCR) embedded in the vibrant research community of the NIH's main campus in Bethesda, Maryland.

Deadline : **April 25, 2022** or until filled.

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/8905/Ubiquitin-Dependent\\_Regulation\\_of\\_Stem\\_Cell\\_Fates](https://www.training.nih.gov/postdoc_jobs_nih/view/31/8905/Ubiquitin-Dependent_Regulation_of_Stem_Cell_Fates)

## **(15) Postdoc Fellowship Position**

### **summary/title: ALZHEIMER'S DISEASE RESEARCH: BIOMARKERS, NEUROIMAGING, AND COGNITION (HUMAN RESEARCH)**

We are seeking a postdoctoral fellow to join the Multimodal Imaging of Neurodegenerative Disease (MIND) Unit within the National Institute on Aging's (NIA's) Laboratory of Behavioral Neuroscience. This is a full-time primary research fellowship for a postdoctoral scholar interested in pursuing a career in Alzheimer's disease and cognitive aging research. Postdoctoral fellows will be mentored by Dr. Keenan Walker and will be expected to develop original research projects focused on understanding the pathophysiology of Alzheimer's disease/dementia and identifying Alzheimer's disease biomarkers in blood.

Deadline : **March 31, 2022** or until filled.

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/9223/Alzheimers\\_Disease\\_Research\\_Biomarkers\\_Neuroimaging\\_and\\_Cognition\\_Human\\_Research](https://www.training.nih.gov/postdoc_jobs_nih/view/31/9223/Alzheimers_Disease_Research_Biomarkers_Neuroimaging_and_Cognition_Human_Research)

## **(16) Postdoc Fellowship Position**

### **summary/title: BIOCHEMISTRY, CELL BIOLOGY, VIROLOGY, GENOMICS, NEUROSCIENCE & ANIMAL MODELS**

The National Institute on Aging, a major research component of the National Institutes of Health (NIH) and the Department of Health and Human Services (DHHS) is recruiting one postdoctoral fellow to join the

# FELLOWSHIP AND SCHOLARSHIPS

Laboratory of Genetics and Genomics, Intramural Research Program (IRP), with a background in any of the following areas: RNA biology, neuroscience, epigenetics, chromatin, genomics, virology, DNA repair, and mouse models.

Deadline : **4/1/2022**.

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/9226/Biochemistry\\_Cell\\_Biology\\_Virology\\_Genomics\\_Neuroscience\\_Animal\\_Models](https://www.training.nih.gov/postdoc_jobs_nih/view/31/9226/Biochemistry_Cell_Biology_Virology_Genomics_Neuroscience_Animal_Models)

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## **(17) Postdoc Fellowship Position**

### **summary/title: BIOMEDICAL OPTICS TECHNOLOGY**

Dr. Bruce Tromberg at the National Institute of Health (NIH) is currently seeking applications for postdoctoral fellows. Applicants should have an interest in translating biophotonics technologies to clinical applications.

Deadline : **April 18, 2022** or until filled.

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/8681/Biomedical\\_Optics\\_Technology](https://www.training.nih.gov/postdoc_jobs_nih/view/31/8681/Biomedical_Optics_Technology)

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## **(18) Postdoc Fellowship Position**

### **summary/title: CELL SIGNALING AT THE INTERFACE OF DEVELOPMENT, STEM CELLS AND CANCER.**

We seek highly motivated Postdoctoral Fellows interested in developing independent research projects in the area of cell signaling at the interface of development, stem cells and cancer. Candidates will join the group of Dr. Andres Lebensohn, an Earl Stadtman Principal Investigator in the Laboratory of Cellular and Molecular Biology (LCMB) at the Center for Cancer Research (CCR) of the National Cancer Institute (NCI). We combine functional genomics, genome editing, cell biology and biochemistry to study how signaling pathways are used, reused and repurposed to drive the myriad different cellular processes that give rise to tissues and organs during embryonic development and maintain them in adult life. A major focus of the lab is on WNT signaling, a fundamental pathway that orchestrates embryonic patterning and morphogenesis, promotes stem cell self-renewal and tissue regeneration, and can be a potent cancer driver when it becomes dysregulated.

Deadline : **Open until Filled**

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/9250/Cell\\_Signaling\\_at\\_the\\_Interface\\_of\\_Development\\_Stem\\_Cells\\_and\\_Cancer](https://www.training.nih.gov/postdoc_jobs_nih/view/31/9250/Cell_Signaling_at_the_Interface_of_Development_Stem_Cells_and_Cancer)

## **(19) Postdoc Fellowship Position**

### **summary/title: CHROMATIN REGULATION OF NEURONAL DEVELOPMENT (MULTIPLE POSITIONS)**

Multiple post-doctoral positions are available with Dr. Lisa Boxer in the Laboratory of Genome Integrity at the National Cancer Institute (NCI) to study chromatin regulation of neuronal development. The Boxer lab uses molecular and genomic approaches to study how mutations in chromatin regulators disrupt neuronal gene expression and lead to neurodevelopmental disorders and cancer.

Deadline : **Open until Filled**

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/9253/Chromatin\\_Regulation\\_of\\_Neuronal\\_Development\\_multiple\\_positions](https://www.training.nih.gov/postdoc_jobs_nih/view/31/9253/Chromatin_Regulation_of_Neuronal_Development_multiple_positions)

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## **(20) Postdoc Fellowship Position**

### **summary/title: COMPUTATIONAL NEUROSCIENCE & LIGHT-SHEET IMAGING OF WHOLE-BRAIN ACTIVITY**

The NIH laboratories of Benjamin White (National Institute of Mental Health) and Hari Shroff (National Institute of Biomedical imaging and Bioengineering) have developed a state-of-the-art light-sheet microscope to conduct brain-wide imaging in *Drosophila*. We are currently applying this technology to image fictive neuronal activity of pupal fruit flies during the production of a multiphasic behavioral sequence.

Deadline : **April 10, 2022**

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/9233/Computational\\_Neuroscience\\_and\\_Light-sheet\\_Imaging\\_of\\_Whole-Brain\\_Activity](https://www.training.nih.gov/postdoc_jobs_nih/view/31/9233/Computational_Neuroscience_and_Light-sheet_Imaging_of_Whole-Brain_Activity)

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## **(21) Postdoc Fellowship Position**

### **summary/title: COMPUTATIONAL SCIENTIST (CHEMINFORMATICS)**

The National Center for Advancing Translational Sciences (NCATS), a major research component of the National Institutes of Health, is seeking applications from exceptional scientists to serve as a postdoctoral fellow for preclinical development projects involving drug metabolism and pharmacokinetics within the Center's Division of Preclinical Innovation (DPI).

Deadline : **January 14, 2022**

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/9234/Computational\\_Scientist\\_Cheminformatics](https://www.training.nih.gov/postdoc_jobs_nih/view/31/9234/Computational_Scientist_Cheminformatics)

# FELLOWSHIP AND SCHOLARSHIPS

## **(22) Postdoc Fellowship Position summary/title: ETIOLOGY OF CHILD AND ADOLESCENT HEALTH AND HEALTH RELATED BEHAVIORS**

The Social and Behavioral Sciences Branch (SBSB) is an intramural research program within the Division of Intramural Population Health Research at the Eunice Kennedy Shriver National Institute of Child Health and Human Development. The branch's mission is to conduct research to understand the social and behavioral determinants of health and health-related behaviors; develop and test educational, behavioral, and environmental strategies for improving health and health-related behaviors; conduct research on the problem of disparities in health, the developmental mechanisms underlying health disparities over the life course, and modifiable intervention targets to reduce disparities; and position highly qualified students and trainees for professional careers in the social and behavioral sciences. SBSB is particularly interested in the dynamic interplay between social, behavioral, and biological determinants of health during developmentally sensitive periods.

Deadline : **Open until Filled**

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/8988/Etiology\\_of\\_Child\\_and\\_Adolescent\\_Health\\_and\\_Health\\_Related\\_Behaviors](https://www.training.nih.gov/postdoc_jobs_nih/view/31/8988/Etiology_of_Child_and_Adolescent_Health_and_Health_Related_Behaviors)

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## **(23) Postdoc Fellowship Position summary/title: IMAGING OF MICROSCOPIC & MESOSCOPIC PROCESSES IN NEURODEGENERATION**

The Multiscale Imaging and Integrative Biophysics (MiiB) Unit within the National Institute on Aging's (NIA's) Laboratory of Behavioral Neuroscience is offering two (2) postdoctoral positions to develop novel approaches for imaging microscopic and mesoscopic neuropathologic processes. These are full-time primary research fellowships for postdoctoral scholars, which will be mentored by Dr. Dan Benjamini. The MiiB Unit combines diffusion-relaxation multidimensional MRI with complementary histological methods to investigate cellular processes that relate to function, microstructure, and chemical composition in normative aging, mild cognitive impairment, and dementia.

Deadline : **March 31, 2022**, or until filled.

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/9244/Imaging\\_of\\_Microscopic\\_Mesoscopic\\_Processes\\_in\\_Neurodegeneration](https://www.training.nih.gov/postdoc_jobs_nih/view/31/9244/Imaging_of_Microscopic_Mesoscopic_Processes_in_Neurodegeneration)

## **(24) Postdoc Fellowship Position summary/title: IMMIGRANT HEALTH AND MENTAL HEALTH/WELL-BEING RESEARCH**

We are seeking a postdoctoral fellow to join the Health Disparities & Geospatial Transdisciplinary Research Program/Lab. The lab is housed in the Population and Community Health Sciences Branch of the Intramural Research Program at the National Institute on Minority Health and Health Disparities, National Institutes of Health. The mission of the Lab is to understand the complex, dynamic acculturative factors influencing health and disparities. Specifically, the central goals of our research program are to (a) identify the many potential individual, contextual and structural factors influencing mental health or well-being of immigrants, (b) understand the interplay of multiple factors that contribute to health disparities or support healthy cultural practices among immigrant populations and the mechanisms through which they operate, and (c) develop and implement culturally appropriate intervention(s) to improve mental health or well-being outcomes of immigrant populations in the U.S.

Deadline : **Open until Filled**

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/9222/Immigrant\\_Health\\_and\\_Mental\\_Health/Well-being\\_Research](https://www.training.nih.gov/postdoc_jobs_nih/view/31/9222/Immigrant_Health_and_Mental_Health/Well-being_Research)

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## **(25) Postdoc Fellowship Position summary/title: INFORMATICS IN TOXICOLOGY AND ENVIRONMENTAL HEALTH**

The National Institute of Environmental Health Sciences (NIEHS), which is part of the National Institutes of Health (NIH), seeks a postdoctoral trainee who wants to build their career in toxicological sciences to better understand how factors in our environment may impact our health. This postdoctoral fellowship will provide experience in both the Division of the National Toxicology Program (DNTP) and the Division of Extramural Research and Training (DERT). The DNTP's mission is to improve public health through data and knowledge development that are translatable, predictive, and timely. DNTP strives to conduct innovative and rigorous toxicology research that aligns with public health needs and to translate scientific findings into knowledge that can inform real-life individual and public health concerns. The DERT plans, directs, and evaluates the institutes grant program to support research and research training in environmental health. DERT maintains awareness of national research efforts and assesses the need for environmental health

# FELLOWSHIP AND SCHOLARSHIPS

research through cooperative relationships with NIH and with public and private institutions and organizations.

Deadline : **February 11, 2022** or until filled.

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/9222/Immigrant Health and Mental Health/Well-being Research](https://www.training.nih.gov/postdoc_jobs_nih/view/31/9222/Immigrant%20Health%20and%20Mental%20Health/Well-being%20Research)

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## **(26) Postdoc Fellowship Position summary/title: MUSCLE STEM CELL BIOLOGY**

The Laboratory of Muscle Stem Cells and Gene Regulation (LMSCGR) within the Intramural Program of the National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS) is seeking candidates for a postdoctoral fellow position. Research at LMSCGR is focused on the cellular and molecular mechanisms regulating the biology of muscle stem cells. Specific areas of investigations are: 1) transcriptional control of the regulatory circuitries involved in muscle stem cell biology, 2) functional relation of metabolites and epigenetic modifications impacting adult muscle stem cell biology, 3) role of non-coding RNAs in skeletal muscle biology.

Deadline : Open until Filled

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/9221/Informatics in toxicology and Environmental Health](https://www.training.nih.gov/postdoc_jobs_nih/view/31/9221/Informatics%20in%20toxicology%20and%20Environmental%20Health)

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## **(27) Postdoc Fellowship Position summary/title: NUCLEAR ORGANIZATION AND GENE EXPRESSION**

A fully funded postdoctoral fellowship is available at the National Institutes of Health in Bethesda, MD in the Nuclear Organization and Gene Expression Section in the Laboratory of Biochemistry and Genetics to study mechanisms by which genome organization influences cellular identity and organismal development. We utilize genetic, cell biological, biochemical, structural, and genomics approaches in fruit fly (*Drosophila melanogaster*), silkworm moth (*Bombyx mori*), and mouse (*Mus musculus*) model systems.

Deadline : Open until Filled

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/8984/Nuclear Organization and Gene Expression](https://www.training.nih.gov/postdoc_jobs_nih/view/31/8984/Nuclear%20Organization%20and%20Gene%20Expression)

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## **(28) Postdoc Fellowship Position summary/title: NUTRITIONAL AND MOLECULAR EPIDEMIOLOGY**

Erikka Loftfield, Ph.D., M.P.H., an Earl Stadtman tenure-track investigator in the DCEG Metabolic Epidemiology Branch, is seeking a postdoctoral fellow who is interested in studying diet-related risk factors for cancer using an integrated ‘-omics’ approach that leverages novel analytic methods to incorporate genetic, metabolomic, and microbiome data with self-reported dietary assessments. Dr. Loftfield is leading etiologic studies of colorectal and liver cancer as well as dietary biomarker discovery studies that aim to advance current understanding of the mechanisms underlying diet-cancer associations. Specific projects can be tailored to the individual’s research interests. Potential projects include:

Deadline : Open until Filled

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/9224/Nutritional and Molecular Epidemiology](https://www.training.nih.gov/postdoc_jobs_nih/view/31/9224/Nutritional%20and%20Molecular%20Epidemiology)

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## **(29) Postdoc Fellowship Position summary/title: STRUCTURAL BIOLOGY/RNA BIOLOGY**

The research group of Dr. Robin Stanley at the National Institute of Environmental Health Sciences is seeking candidates for postdoctoral fellows. The Stanley Lab investigates molecular machines involved in critical RNA processing pathways through a multidisciplinary approach combining structural, molecular, and cellular biology. Currently the lab is focused on three major research areas including ribosome assembly, tRNA processing, and viral RNA processing.

Deadline : Open until Filled

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/9254/Structural Biology/RNA Biology](https://www.training.nih.gov/postdoc_jobs_nih/view/31/9254/Structural%20Biology/RNA%20Biology)

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## **(30) Postdoc Fellowship Position summary/title: SYNAPTIC PLASTICITY IN NEUROTYPICAL BRAINS & SYNAPTOPATHOLOGY OF PSYCHIATRIC DISORDERS**

The Intramural Program of the National Institute of Mental Health (NIMH) is a major research component of the National Institutes of Health (NIH) and the Department of Health and Human Services (DHHS). Within this program, the Section on Synapse Development Plasticity (chief: Zheng Li, PhD, <https://www.nimh.nih.gov/research/research-conducted-at-nimh/principal-investigators/zheng-li.shtml>) uses molecular and cellular biology, two-photon microscopy, and electrophysiology to investigate the mechanisms underlying synaptic

# FELLOWSHIP AND SCHOLARSHIPS

plasticity in normal brains and synaptopathology of psychiatric disorders, such as schizophrenia and mood disorders.

Deadline : Open until Filled

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/9227/Synaptic Plasticity in Neurotypical Brains Synaptopathology of Psychiatric Disorders](https://www.training.nih.gov/postdoc_jobs_nih/view/31/9227/Synaptic%20Plasticity%20in%20Neurotypical%20Brains%20Synaptopathology%20of%20Psychiatric%20Disorders)

## **(31) Postdoc Fellowship Position**

### **summary/title: TGF-BETA SIGNALING**

Post-doctoral position is available for a candidate with interests in signal transduction and/or molecular and cellular biology in a NCI intramural research laboratory that focuses on the mechanisms of TGF-beta signal transduction. Approaches include molecular, biochemical, and cell-based assays in cell culture and in vivo mouse models.

Deadline : Open until Filled

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/8872/TGF-Beta Signaling](https://www.training.nih.gov/postdoc_jobs_nih/view/31/8872/TGF-Beta%20Signaling)

## **(32) Postdoc Fellowship Position**

### **summary/title: SOCIAL AND ENVIRONMENTAL EPIDEMIOLOGY OF CARDIOVASCULAR HEALTH RISKS**

The Neighborhood Social & Geospatial Determinants of Health Disparities Lab is seeking 1-2 full-time postdoctoral fellows. The lab, under the direction of Dr. Kosuke Tamura, is housed in the Division of Intramural Research at the National Institute on Minority Health and Health Disparities, NIH. We invite candidates broadly interested in social and environmental epidemiology of cardiovascular health risks such as physical activity, sedentary behaviors, and diet. Dr. Tamura has an extensive work history applying geospatial methods (geographic information systems and global positioning systems) to investigate exposures related to neighborhood contexts and health behaviors, with a special focus on neighborhood social and built (physical) environments.

Deadline : April 30, 2022, or until filled.

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/9220/Social and Environmental Epidemiology of Cardiovascular Health Risks](https://www.training.nih.gov/postdoc_jobs_nih/view/31/9220/Social%20and%20Environmental%20Epidemiology%20of%20Cardiovascular%20Health%20Risks)

## **(33) Postdoc Fellowship Position**

### **summary/title: CARDIOVASCULAR PHYSIOLOGY & PHARMACOLOGY**

A Postdoctoral fellow position is available in the Laboratory of Cardiovascular Physiology and Tissue

Injury (LCPTI), National Institute on Alcohol Abuse and Alcoholism (NIAAA). The LCPTI focuses on understanding the cellular and molecular mechanisms involved in the development of cardiovascular dysfunction associated with chronic liver disease and alcohol consumption, and identification of novel therapeutic targets to counteract these pathologies (Nat Rev Cardiol. 2021 Feb;18(2):117-135; JACC Basic Transl Sci. 2019 Sep 23;4(5):625-637; Hepatology. 2020 Apr;71(4):1391-1407)

Deadline : Open until Filled

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/8889/Cardiovascular Physiology Pharmacology](https://www.training.nih.gov/postdoc_jobs_nih/view/31/8889/Cardiovascular%20Physiology%20Pharmacology)

## **(34) Postdoc Fellowship Position**

### **summary/title: CHEMICAL IMMUNOLOGY – CHEMISTRY, MEDICINAL CHEMISTRY, CHEMICAL BIOLOGY**

The Yoo laboratory, in the Chemical Biology Laboratory (CBL), CCR, NCI, has an opening for a postdoctoral fellow. The goal of our research project is to study functional proteases that play important roles as instigators and regulators of immune responses and understand how they shape the tumor microenvironment and dictate the fate of tumor cells. Our research focuses on the development of chemical strategies and tools that allow kinetic and dynamic measurement of the network of protease activities.

Deadline : Open until Filled

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/9216/Chemical Immunology Chemistry Medicinal Chemistry Chemical Biology](https://www.training.nih.gov/postdoc_jobs_nih/view/31/9216/Chemical%20Immunology%20Chemistry%20Medicinal%20Chemistry%20Chemical%20Biology)

## **(35) Postdoc Fellowship Position**

### **summary/title: COMPUTATIONAL GENOMICS, ALGORITHMS, & MODELS**

Multiple postdoctoral and Ph.D. student positions are available under the supervision of Dr. Mikhail Kolmogorov at the National Cancer Institute (NCI), NIH. The Kolmogorov Lab is part of the Cancer Data Science Laboratory, a new initiative dedicated to translational omics research and tightly integrated with basic and translational projects at the NCI. The general focus of Dr. Kolmogorov's group is computational genomics – algorithms, mathematical models and tools aimed to answer fundamental questions about living systems through the analysis of large-scale genomic data.

Deadline : Open until Filled

View details & Apply

# FELLOWSHIP AND SCHOLARSHIPS

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/9215/Computational\\_Genomics\\_Algorithms\\_Models](https://www.training.nih.gov/postdoc_jobs_nih/view/31/9215/Computational_Genomics_Algorithms_Models)

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## **(36) Postdoc Fellowship Position summary/title: INVESTIGATING THE ROLE OF O-GLYCOSYLATION IN DEVELOPMENT AND DISEASE**

The Ten Hagen lab at the National Institute of Dental and Craniofacial Research (NIDCR) at the NIH is seeking a postdoctoral researcher to join our group. Our lab uses molecular, biochemical, and genetic approaches, along with sophisticated high-resolution imaging, to investigate the biological roles of protein O-glycosylation. Prior work from our laboratory has revealed how O-glycosylation is regulated and influences secretion (Zhang et al., PNAS, 2014; Ji et al., Nat Commun, 2018; May et al., JBC, 2020), the oral microbiome (Peluso et al., JBC, 2020), kidney function (Tian et al., PNAS, 2019) and viral infectivity (Zhang et al., PNAS, 2021).

Deadline : Open until Filled

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/9217/Investigating\\_the\\_Role\\_of\\_O-Glycosylation\\_in\\_Development\\_and\\_Disease](https://www.training.nih.gov/postdoc_jobs_nih/view/31/9217/Investigating_the_Role_of_O-Glycosylation_in_Development_and_Disease)

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## **(37) Postdoc Fellowship Position summary/title: KIDNEY-LIVER PHYSIOLOGY & PHARMACOLOGY**

A Postdoctoral fellow position is available in the Laboratory of Cardiovascular Physiology and Tissue Injury (LCPTI), National Institute on Alcohol Abuse and Alcoholism (NIAAA). The LCPTI focuses on understanding the cellular and molecular mechanisms involved in the development of cardiac, renal, and hepatic dysfunction in various pathologies using therapeutically relevant animal disease models, and on identification of novel therapeutic targets to counteract these pathologies (Nat Rev Cardiol. 2021 Feb;18(2):117-135; Hepatology. 2018 Oct;68(4):1519-1533; Free Radic Biol Med. 2020 May 20;152:540-550; J Hepatol. 2017 Mar;66(3):589-600; Gastroenterology. 2013 Apr;144(4):808-817)

Deadline : Open until Filled

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/8890/Kidney-liver\\_Physiology\\_Pharmacology](https://www.training.nih.gov/postdoc_jobs_nih/view/31/8890/Kidney-liver_Physiology_Pharmacology)

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## **(38) Postdoc Fellowship Position summary/title: MECHANISMS OF PROTECTIVE IMMUNITY AGAINST MALARIA**

The Malaria Infection Biology and Immunity Section (MIBIS) within the Laboratory of Immunogenetics (LIG) at NIAID, NIH is seeking highly motivated postdoctoral fellows to investigate the mechanisms of protective immunity against malaria with the overall goal of informing the discovery and development of interventions to prevent malaria.

Deadline : Open until Filled

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/9210/Mechanisms\\_of\\_Protective\\_Immunity\\_Against\\_Malaria](https://www.training.nih.gov/postdoc_jobs_nih/view/31/9210/Mechanisms_of_Protective_Immunity_Against_Malaria)

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## **(39) Postdoc Fellowship Position summary/title: RADIOTRACER DEVELOPMENT FOR POSITRON EMISSION TOMOGRAPHY**

The PET Radiopharmaceutical Sciences Section of the Molecular Imaging Branch at the National Institute of Mental Health (NIMH) in Bethesda, Maryland, seeks applications for a postdoctoral position in the PET Radiopharmaceutical Sciences Section (PRSS). NIMH is a major research component of the National Institutes of Health and the Department of Health and Human Services.

Deadline : 11th February 2022

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/9212/Radiotracer\\_Development\\_for\\_Positron\\_Emission\\_Tomography](https://www.training.nih.gov/postdoc_jobs_nih/view/31/9212/Radiotracer_Development_for_Positron_Emission_Tomography)

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## **(40) Postdoc Fellowship Position summary/title: RNA BIOLOGY**

The Hogg Lab within the Biochemistry and Biophysics Center (BBC) at the National Heart, Lung, and Blood Institute is seeking a Postdoctoral Fellow to explore the biochemistry and cell biology of RNA-protein complex assembly in of the nonsense-mediated mRNA decay (NMD) and other mRNA decay pathways. This position offers the opportunity for postdoctoral fellows to develop independent research programs with the scientific and career development support of the Hogg laboratory, the BBC, and the resources of the NIH Intramural Research Program.

Deadline : March 1, 2022 or until filled

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/9208/RNA\\_Biology](https://www.training.nih.gov/postdoc_jobs_nih/view/31/9208/RNA_Biology)

# FELLOWSHIP AND SCHOLARSHIPS

## **(41) Postdoc Fellowship Position**

### **summary/title: THE ROLE OF DNA REPAIR IN THE REPEAT EXPANSION DISEASES**

A postdoctoral research position is available in the laboratory of Dr. Karen Usdin, Gene Structure and Disease Section, LCMB, NIDDK, to study the unusual mutation responsible for the Repeat Expansion Diseases. This group of 40+ human genetic disorders include Huntington's Disease, Friedreich ataxia and the Fragile X-related disorders (FXDs). These diseases all result from an increase or expansion in the number of repeats present in a disease-specific microsatellite. We have shown that a variety of DNA repair factors including those involved in mismatch repair and double-strand break repair are required for expansion in a mouse model of these disorders (see Zhao and Usdin, 2021 for a recent review). A role for these factors in human repeat expansion is supported by emerging GWAS and transcriptomic studies. We are interested in identifying other factors involved in this process and understanding how these different repair factors interact to cause mutation and thus disease pathology. We are also now in the process of translating some of our earlier findings to reduce expansions in preclinical model systems. Our work is not only relevant to the etiology of the Repeat Expansion Diseases but is already beginning to provide useful insights into normal DNA repair mechanisms.

Deadline : Open until Filled

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/9219/The\\_Role\\_of\\_DNA\\_Repair\\_in\\_the\\_Repeat\\_Expansion\\_Diseases](https://www.training.nih.gov/postdoc_jobs_nih/view/31/9219/The_Role_of_DNA_Repair_in_the_Repeat_Expansion_Diseases)

## **(42) Postdoc Fellowship Position**

### **summary/title: REGULATION OF RETROVIRAL ELEMENTS IN NEURODEGENERATIVE DISEASES**

The Infections of the Nervous Systems Section (INSS), National Institute of Neurological Disorders and Stroke (NINDS) is looking for a postdoctoral level scientist with a strong background in transposable elements or retroviruses.

Deadline : Open until Filled

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/8655/Regulation\\_of\\_Retroviral\\_Elements\\_in\\_Neurodegenerative\\_Diseases](https://www.training.nih.gov/postdoc_jobs_nih/view/31/8655/Regulation_of_Retroviral_Elements_in_Neurodegenerative_Diseases)

## **(43) Postdoc Fellowship Position**

### **summary/title: IMMUNOLOGY, IMMUNOTHERAPY, BRAIN CANCER**

If you are interested in helping cancer patients by developing a new modality, the Neuro-Oncology Branch (NOB) at the CCR, NCI is a great place to take on this challenging task. Immunotherapy has changed the paradigm of cancer treatment for the last 5 years, and now it is approved to treat more than 13 cancer types.

Deadline : Open until Filled

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/9206/Immunology\\_Immunotherapy\\_Brain\\_Cancer](https://www.training.nih.gov/postdoc_jobs_nih/view/31/9206/Immunology_Immunotherapy_Brain_Cancer)

## **(44) Postdoc Fellowship Position**

### **summary/title: MAGNETIC RESONANCE ELASTOGRAPHY, IMAGE SEGMENTATION, ARTIFICIAL INTELLIGENCE**

The research of our group at the Biomedical and Metabolic Imaging Branch focuses on understanding the link between metabolism in obesity and other metabolic disorders and the development of liver diseases. Projects include the development of in-vivo magnetic resonance elastography and strain analysis, and segmentation tools for assessment of liver fibrosis and inflammation.

Deadline : Open until Filled

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/8813/Magnetic\\_Resonance\\_Elastography\\_Image\\_Segmentation\\_Artificial\\_Intelligence](https://www.training.nih.gov/postdoc_jobs_nih/view/31/8813/Magnetic_Resonance_Elastography_Image_Segmentation_Artificial_Intelligence)

## **(45) Postdoc Fellowship Position**

### **summary/title: FERTILITY & REPRODUCTIVE HEALTH**

We are seeking a candidate with training and experience in perinatal epidemiology for a postdoctoral fellowship in the Fertility and Reproductive Health Group (PI: Anne Marie Jukic, PhD) in the Epidemiology Branch at the NIH National Institute of Environmental Health Sciences. The successful candidate will have a strong background in epidemiology and statistical modeling. Experience in environmental health sciences, questionnaire design and implementation, mixtures modeling, and biomarker studies preferred.

Deadline : Open until Filled

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/9197/Fertility\\_Reproductive\\_Health](https://www.training.nih.gov/postdoc_jobs_nih/view/31/9197/Fertility_Reproductive_Health)

# FELLOWSHIP AND SCHOLARSHIPS

## **(46) Postdoc Fellowship Position**

### **summary/title: GENOMIC/EPIGENOMIC LANDSCAPE OF PITUITARY AND CNS TUMORS**

The Neurosurgery Unit for Pituitary and Inheritable Diseases seeks applications from qualified and interested post-doctoral candidates to fill a position in bioinformatics/genomics of mammalian pituitary gland and central nervous system (CNS) tumors. Using surgery derived human tissue samples, our group has made key insights into the pathogenesis of pituitary adenomas (PMID: 28505327, 28986303) and other central nervous system (CNS) tumors (PMID: 28094316). Recently, our group identified the transcriptional landscape of the post-natal human pituitary gland and identified key pathogenic mechanisms underlying pituitary adenomas that cause Cushing's disease (preprint). In the meantime, our group has actively accrued bulk RNAseq, single cell/single nucleus RNAseq, single cell multiome, bulk methylation and genomic sequencing datasets for pituitary (normal and adenoma), schwannomas and other CNS tumors associated with neurofibromatosis type 2 (NF2) and von Hippel Lindau disease (VHL).

Deadline : Open until Filled

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/9195/Genomic/Epigenomic\\_Landscape\\_of\\_Pituitary\\_and\\_CNS\\_Tumors](https://www.training.nih.gov/postdoc_jobs_nih/view/31/9195/Genomic/Epigenomic_Landscape_of_Pituitary_and_CNS_Tumors)

## **(47) Postdoc Fellowship Position**

### **summary/title: BLOOD BRAIN BARRIER**

With nation-wide responsibility for improving the health and well-being of all Americans, the Department of Health and Human Services oversees the biomedical research programs of the National Institutes of Health and those of NIH's research Institutes.

Deadline : Open until Filled

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/9185/Blood\\_Brain\\_Barrier](https://www.training.nih.gov/postdoc_jobs_nih/view/31/9185/Blood_Brain_Barrier)

## **(48) Postdoc Fellowship Position**

### **summary/title: DEVELOP EFFECTIVE ADOPTIVE CELL THERAPIES FOR PATIENTS WITH MESOTHELIN EXPRESSING SOLID TUMORS**

A postdoctoral research position in the fields of immunology and translational cancer research is available in the laboratory of Dr. Raffit Hassan, Thoracic and GI Malignancies Branch, CCR, NCI, NIH. The Hassan lab is focused on developing effective therapies for solid tumors, with an emphasis on

malignant mesothelioma. The major focus of Dr. Hassan's research is to develop therapies targeting mesothelin, a membrane glycoprotein over expressed in several solid tumors. The laboratory findings form the basis of hypothesis driven clinical trials that are conducted at CCR by Dr. Hassan's clinical team. The co-relative research utilizing samples and data obtained from the clinical studies are carried out in the laboratory to gain mechanistic insight and develop more efficacious therapy. Currently, the lab is focused on developing mesothelin targeting adoptive cellular therapy. The objective is to bring this therapy to clinical practice. Applicants will gain specialized experience in executing multidisciplinary correlative studies around ongoing clinical trials such as, studying tumor micro-environment and mechanism of resistance to CAR- T cell therapy.

Deadline : March 22, 2022 or until filled.

View details & Apply

[https://www.training.nih.gov/postdoc\\_jobs\\_nih/view/31/9187/Develop\\_Effective\\_Adoptive\\_Cell\\_Therapies\\_for\\_Patients\\_with\\_Mesothelin\\_Expressing\\_Solid\\_Tumors](https://www.training.nih.gov/postdoc_jobs_nih/view/31/9187/Develop_Effective_Adoptive_Cell_Therapies_for_Patients_with_Mesothelin_Expressing_Solid_Tumors)

## **IMU-Simons African Fellowship Program**

The IMU – Simons African Fellowship Program supports research sabbaticals for mathematicians from African developing countries employed in Africa to travel to an internationally known mathematical center of excellence (worldwide) for collaborative research. All travel and living expenses of the grantees will be covered by the fellowship up to 5,000 USD.

This program is funded by the Simons Foundation, NY, USA, a private foundation based in New York City, incorporated in 1994 by Jim and Marilyn Simons, and will run until 31.08.2022.

The Simons Foundation's mission is to advance the frontiers of research in mathematics and the basic sciences. They sponsor a range of programs in the sciences, including grants programs in mathematics and the physical sciences. The primary focus of the foundation's Mathematics and Physical Sciences division is the theoretical sciences radiating from mathematics: in particular, the fields of mathematics, theoretical computer science and theoretical physics.

Simons Foundation Website

Upcoming Deadlines

- April 15th, 2022 for research visits starting between August 1st, 2022 and August 1st, 2023 (Decisions will be made by June 15th, 2022)

# FELLOWSHIP AND SCHOLARSHIPS

- July 15th, 2022 for research visits starting between November 1st, 2022 and November 1st, 2023 (Decisions will be made by September 15th, 2022)

The following deadlines have to be confirmed:

- October 1st, 2022 for research visits between January 15th, 2023 and December 31, 2023 (Decisions will be made by November 15th, 2022). The visit has to start before September 1, 2023.
- January 15th, 2023 for research visits between May 1st, 2023 and December 31, 2023 (Decisions will be made by March 15th, 2023). The visit has to start before September 1, 2023.

For all applicants applying for CDC funding for activities

Please note that we will request a confirmation letter from the head of department (where the activity is supposed to take place) confirming the dates of the planned activity.

Applicants are expected to be informed about travel restrictions and warnings of relevant countries before applying for the program.

In light of the COVID-19 pandemic, costs incurred from COVID-19 tests, quarantines, as well as COVID-19 vaccines can be covered by the CDC upon request.

## Eligibility Criteria

The following criteria must be met by the applicant to be eligible for the program:

1. The applicant must hold a valid doctoral degree (PhD) in mathematics.
2. The applicant must be based (place of work) in an African developing country.
3. The applicant must be employed as a mathematician in a faculty of a university or an equivalent higher education institution.
4. The applicant already has established contact with a mathematician in the host institution in a mathematical centre of excellence and have a definite research plan together with the host. This must be submitted as part of the application.
5. The applicant has been granted appropriate leave of absence from his/her home institution during the period of the visit.
6. The applicant must be formally invited by the host institution, through a written letter which clearly specifies the period of the research visit and the extent of the host institutions' financial commitment and support to the applicant. Host institutions are expected to provide office space, free internet access and other basic amenities. The host institution is also expected to help the applicant to find appropriate accommodation. In the event that no guest house or flat is available, the host

institution has to issue a letter that accommodation is only possible in an economic hotel/apartment hotel with kitchenette. The invitation must be signed by the dean/head of the faculty of the host institution (not the host).

7. The minimal length of a visit is one month. There is no maximal length, however this is a sabbatical/research visit and not a fellowship position in the host institution (e.g., doing a post-doctoral).

Please note that the program is intended to support mathematicians for a limited research period and not for post graduate courses or post-doctoral training.

The grant covers travel and basic living expenses of African mathematicians working in Africa (from a developing country, as defined by the IMU for all its schemes) during the sabbatical.

## Application Procedure

Complete and submit the online application form for the IMU-Simons Programs.

A completed application form must include all of the following documents as one PDF Document:

- CV of applicant (max. 3 pages)
- CV of the host (max. 3 pages)
- Detailed research plan
- Statement from host expressing views on the visit and the research plan
- Invitation letter by the host institution
- Confirmation Letter by the home institution
- Tentative budget (in USD).

Only applications submitted and completed by the deadline can be considered for the program.

Applicants are advised to send in applications at least two weeks prior to the deadline, in case of missing information or documents.

## Online Application Form

### Tentative Budget Form

### Eligible Countries for the IMU-Simons African Fellowship Program

### Grant Reporting Form

### Grant Details

The grant can cover only for the applicant up to 5,000 USD:

1. Travel costs
  - a. Flight costs (Economy)

During the pandemic grantees are asked to book the flights independently. The flight costs can be transferred prior booking or reimbursed afterwards as long as invoices are provided.
  - b. (Public) transport (surface transport by rail or bus between the nearest city where the airport is located and the headquarters of the candidate or

# FELLOWSHIP AND SCHOLARSHIPS

the city/town where the host institution is located, if necessary).

- c. Maximum four (4) Taxi fares (on submission of receipts) may be allowed to travel between the home and the airport/railway station (upon arrival and departure).
  - d. In case the applicant has to stay in a hotel before departure or upon arrival, this needs to be mentioned in the budget details. Maximum one (1) night (both arrival and departure) can be paid from the grant.
2. Visa fees
  3. Travel insurance charges
  4. Basic living cost (daily allowance based on living cost of the visiting country/city, This amount includes the cost for public transport and all other living costs). For a list please go here. If the accommodation includes breakfast or any other meals, the daily amount will be reduced.
  5. Accommodation cost in the host country (hotel is allowed if the host provides a statement that no guesthouse or rented flat is available and max. 4 weeks. If you stay longer than 4 weeks you have to rent a suitable apartment or guesthouse). Receipts for cash payments for accommodation costs can not be accepted! You have to pay via a trackable transfer method.

All invoices for travel cost, visa, insurance, accommodation and up to four taxi receipts and all boarding tickets have to be kept by the grantee and be sent (original) to the CDC/ IMU Secretariat by regular mail.

Cash withdrawal receipts cannot be accepted!

If you travel during public holidays in the host country and while the host institution is closed for public holidays (e.g., during Christmas time) you cannot receive basic living cost during the period the institution is closed, but your accommodation cost can be paid.

Please note that the grant does not cover any travel costs, accommodation and living costs for requests for additional trips (e.g. to participate in conferences/workshops) during this time. Those costs have to be covered by the grantee or his/her host institution. The living and accommodation cost only cover the research period. In case the grantees stays abroad for private or other purposes not related to the research visit neither living or accommodation cost can be covered from the grant.

The grant is paid in two installments:

- First payment for accommodation in the host country, travel insurance, visa, transport to the airport and 50% of the living cost before departure

- Second payment for the remaining living costs after the visit.
- To receive the second payment the report, pictures and all invoices must be send to the IMU Secretariat before the second payment can be initiated.

The grantee must submit a detailed financial report with all invoices and boarding tickets to the IMU Secretariat (in original via postage) two weeks after the conclusion of the visit.

Selection Committee

The applicants will be screened by the Grant Selection Committee (GSC) consisting of the CDC Secretary for Grants Selection as Chair and has six other members - Three from CDC and three others each representing Latin America, Africa, and Asia respectively.

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## **Rotary Peace Fellowship Program 2022-2023 Postdoctoral Fellowship Funding**

The Rotary Foundation has announced the 2022-23 Rotary Peace Fellowship Program for dedicated leaders with work experience in peace and development from around the world. This is a Fully funded Fellowship covers tuition and living expenses, increases the capacity of existing leaders to prevent and resolve conflict by offering academic training, field experience, and professional networking.

Up to 130 fellows are selected every year in a globally competitive process based on personal, academic, and professional achievements. Fellows earn either a master's degree or a certificate in peace and development studies at one of the seven Rotary Peace Centers, located at leading universities around the world. The fellows are committed to community and international service and the pursuit of peace. Each year, The Rotary Foundation awards up to 50 fellowships for master's degrees and 80 for certificate studies at premier universities.

Over 1,400 program alumni are working in more than 115 countries as leaders in national governments, nongovernmental organizations, education and research, law enforcement, and international organizations such as the United Nations.

For more information, visit

<https://www.rotary.org/en/our-programs/peace-fellowships>

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# FELLOWSHIP AND SCHOLARSHIPS

## The UC Berkeley-11th Hour Food and Farming Journalism Fellowships

The UC Berkeley Graduate School of Journalism offers 10 postgraduate Food and Farming Journalism Fellowships, for print and audio journalists. “Aimed at early and mid-career journalists, the fellowship presents an opportunity to report ambitious long form print and audio stories on the full range of subjects under the rubric of food systems: agricultural and nutritional policy, the food industry, food science, technology and culture, rural and urban farming, agriculture and the environment, food and climate change, global trade and supply chains, consolidation and securitization of the food system and public health as it relates to food and farming.” Preference is for U.S. focused stories, but they’ll also consider international stories with a strong U.S. angle or connection. Applications should include a one-page pitch with a clearly defined story idea. There will be in-person meetings/workshops at Berkeley in June and November (Covid permitting); travel and lodging expenses will be covered by the fellowship.

Value: \$10,000 each for 10 journalists + travel and lodging covered for in-person meetings

Deadline: 15 March 2022

Open for: Early and mid-career print and audio journalists

Details here:

<https://projects.journalism.berkeley.edu/foodfellows/#faq>

## L’Oréal-UNESCO Sub-Saharan Africa Young Talents Programme 2022 for African Women in Science

L’Oréal-UNESCO Sub-Saharan Africa Young Talents Programme 2022: Each year the L’Oréal-UNESCO For Women in Science call for application from talented young African women scientists to receive fellowship grants to pursue promising research projects.

Application Deadline: **25th March 2022**

Offered annually? Yes

Eligible Countries: Sub-Saharan African countries listed below

To be taken at (country): Sub-Saharan African Universities

About L’Oréal-UNESCO Sub-Saharan Africa Young Talents Programme: Founded in 1998, the L’Oréal-UNESCO For Women in Science Sub-Saharan Africa Fellowships aims to promote and encourage young African women in science. Its programs reward established women scientists whose outstanding achievements have contributed to the advancement of scientific knowledge and of its benefits to society and

provide support to promising young women who are already making significant contributions in their scientific disciplines.

Eligible Field of Study: This program identifies and rewards talented young female scientists in the field of Life Sciences (such as biology, biochemistry, biophysics, genetics, physiology, neurosciences, biotechnologies, ecology, and ethology) as well as Physical Sciences (such as physics, chemistry, petroleum engineering, mathematics, engineering sciences, information sciences, and earth and universe sciences).

Eligibility: Applicants for L’Oréal-UNESCO Sub-Saharan Africa Young Talents Programme must meet the following general criteria:

- Having obtained Ph.D. degree in Life or Physical Sciences or pursuing studies leading to a Ph.D. degree
- Having the nationality of a Sub-Saharan African country
- Working in a Research Laboratory or Institution in one of the region’s countries or being- enrolled in a doctoral programme at a University in Sub-Saharan Africa
- Candidates must be no more than 40 years old by the end of the application period for- PhD and not more than 45 years for post-doctoral.

Selection Criteria: The selection criteria of the candidate by the jury are the following:

Number of Awards: The Program honors 15 doctorates and 5 post-doctorates every year.

Value of L’Oréal-UNESCO Sub-Saharan Africa Young Talents Programme:

- €10,000 each will be granted to Ph.D. Students enrolled in- an African University.
- €15,000 each will be granted to 2 postdoctoral researchers- working in a laboratory or research institute registered in one of the region’s countries.

Eligible Countries:

South Africa, Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Cape Verde, Central African Republic, Comoros, Congo, Côte d’Ivoire, Djibouti, Eritrea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Equatorial Guinea, Guinea-Bissau, Kenya, Lesotho, Liberia, Madagascar, Malawi, Mali, Mauritania, Mozambique, Namibia, Níger, Nigeria, Uganda, Democratic Republic of the Congo, Rwanda, Sao Tomé & Príncipe, Senegal, Seychelles, Sierra Leone, Somalia, Sudan, South Sudan, Swaziland, Tanzania, Chad, Togo, Zambia and Zimbabwe

# FELLOWSHIP AND SCHOLARSHIPS

How to Apply for L'Oréal-UNESCO Sub-Saharan Africa Young Talents Programme: Applications can be only made here by the candidates themselves. An application is considered complete only if it includes all documents below:

- A detailed Curriculum Vitae (including outreach activities among youth, tutoring, etc.)
- Certified copies of the degrees or recent diplomas-
- A proof of having obtained a Ph.D. degree for postdoctoral candidates-
- A proof of being enrolled in an African University for doctoral candidates-
- A detailed project of maximum 2 pages, including:
  - The research project description
  - The proposed use of the grant motivating the candidature with some budget indications
- Letters of recommendation from the research supervisor and/or the director of the- scientific institution where the research project is carried or the Dean of the University under which the candidate is running her research
- The list of publications and patents
- Incomplete files or received after the deadline for application, as well as candidatures that do not meet the requirements mentioned above, will not be taken into consideration.

It is important to download and go through application rules and regulations from the Fellowship Webpage below before applying

Visit Fellowship Webpage for details:

<https://www.forwomeninscience.com/challenge/show/38>

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## Religion, Spirituality, and Democratic Renewal Fellowship

The Religion, Spirituality, and Democratic Renewal (RSDR) Fellowship of the Social Science Research Council (SSRC) aims to bring knowledge of the place of religion and spirituality into scholarly and public conversations about renewing democracy in the United States. These fellowships are offered by the SSRC Program on Religion and the Public Sphere with the support and partnership of the Fetzer Institute.

Applications are due April 14, 2022, 5:00 p.m. Eastern time. Apply online at

<https://ssrc.secure-platform.com/a/>

### Overview

Since the country's founding, scholars and citizens alike have debated religion's place in US politics and civil society. The current moment is no exception. And while there are echoes from the past, the context within which American religious actors, institutions, and movements

presently engage the public sphere is in many ways dramatically different than earlier historical moments. During the past half-century alone, the American religious terrain has undergone dramatic changes, including both rising religious diversity and rising religious disaffiliation. The political landscape, too, has been transformed by myriad, often countervailing forces, including an increasingly diverse citizenry, rising inequalities, and sharpening polarization. Shifting religious and political landscapes recently came to a head amidst a pandemic and presidential politics that surfaced deep existing tensions. In light of the fraught state of the US body politic, this is a crucial time for understanding the intersection of these religious and political transformations. This RFP will support work that seeks to discern whether, how, and under what conditions religion and/or spirituality shape American democracy, and vice versa.

Through research on the intersection of religious and/or spiritual identities, behaviors, attitudes, and organizations with social and political structures, processes, and institutions, RSDR fellows will deepen understanding of the evolving relationships among religion, spirituality, and democracy at this moment in US history.

### Research Themes

For this year's RFP, we especially seek projects that shed light on 1) the religious and spiritual dimensions of the deep political polarization and dysfunction in the US today and/or 2) the ways religious ideas, actors, and institutions may (or may not) be contributing to more inclusive and civil democratic politics.

Possible topics include, but are not limited to:

- Religious nationalism, and particularly the rise of Christian nationalism
- Religious, spiritual, and theological dimensions of contemporary movements that challenge (or legitimate) racial inequalities and exclusions
- Gendered dimensions of groups and movements that situate themselves at the nexus of religion and politics
- Political participation and the social mobilization of religious identities
- The intersection of political polarization, the online circulation of mis-/dis-information, "New Age" spiritualities, and conspiracy theory movements
- Debates within and between religious and spiritual groups that connect with broader political issues (e.g. the proper role of government in a democracy) and public debates

Projects are welcome to take a historical perspective on the current moment and are encouraged to engage with

# FELLOWSHIP AND SCHOLARSHIPS

existing datasets or create new ones relevant to answering key questions about the connections between religion, spirituality, and democracy's malaise and renewal. We are pleased to be collaborating with the Public Religion Research Institute (PRRI) to support fellows' research with access to their extensive survey data on these topics, as well as working with fellows to gain access to other data sources. We also welcome projects focused on social media data and other innovative ways of gaining insight into the intersection between religion and democracy in the U.S. Given the urgency and ongoing relevance of these themes, fellows will be expected to make their findings accessible to a broad range of audiences.

## Eligibility and Criteria

The RSDR fellowship program invites proposals for research at the intersection of religion, spirituality, and democracy in the United States. The fellowships offer research support over a period of up to 12 months to doctoral students who have advanced to candidacy and to postdoctoral researchers within five years of their PhD. Doctoral candidates will receive up to \$15,000 and postdoctoral researchers up to \$18,000 toward research-related expenses. Applications are welcome from scholars at either of these career stages from any country around the world.

We welcome proposals on religion and spirituality in its relation to democracy from across all fields in the social sciences (including, but not limited to: anthropology, economics, geography, history, political science, and sociology), as well as the humanities, theology, and other relevant fields. Research projects using any social science methodology, quantitative, qualitative, or mixed, are eligible. Proposals will be evaluated by a multidisciplinary selection committee on their overall quality and their potential to deepen understanding of the role that religion and spirituality play in democracy and to inform practical engagement around these issues. Applications, especially from recent PhD recipients, should demonstrate strong interest in disseminating findings to academic audiences, practitioners, and to broader interested publics.

Fellowship funds will typically be used for activities directly related to research, such as travel expenses and accommodations, research equipment and supplies, support for research assistants, and costs for access to publications or proprietary databases. In exceptional cases, and in consultation with program staff, award funds may be used to cover other expenses.

Given the uncertainty with regard to the feasibility of travel and in-person activities due to the ongoing Covid-19 pandemic, applicants are encouraged to consider the

potential of virtual research methods. If travel or in-person research is proposed, applicants should account for the potential impact of the pandemic in their plans.

## Additional Fellowship Activities

The fellowship includes participation in an interdisciplinary workshop upon the completion of RSDR-funded research. The workshop will focus on fostering interdisciplinary dialogue on key research topics, writing for multiple audiences, public communication strategies, and cohort building.

Participants will be expected to contribute at least one essay to the SSRC's flagship web forum on religion and secularism, *The Immanent Frame*.

## To Apply

Applications must be submitted through the SSRC's online application system no later than 5:00 p.m. Eastern time on April 14, 2022. Applications will consist of a research proposal, a short application form, a curriculum vitae, and a letter of reference. Apply now at <https://ssrc.secure-platform.com/a/>

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## Mellon Postdoctoral Fellow in Sociology

Wellesley College

Please review the details for the position before applying for the opening. You should have the required documents ready to upload in a PDF format (.pdf) or a Word document (.doc) format. Enter your education, starting with the highest degree, on the second page. Please upload your Curriculum Vitae and Cover Letter and the supplemental documents on the fourth page.

After application submission, you will be asked to enter the contact information for two - three references. Please refer to the job application requirements for the exact number of required references. Please note that you may come back to this at a later time but applications will not be considered until all references are received. After reference submission, your reference contacts will receive an email for them to upload their reference letter. For best consideration, we urge you to submit your reference contact information as soon as possible.

Job Posting Title: Mellon Postdoctoral Fellow in Sociology

Job Description Summary: Faculty

Job Description

The Sociology Department at Wellesley College is seeking to hire a 2-year Mellon postdoctoral fellow who would join the College from July 2022-July 2024. We

# FELLOWSHIP AND SCHOLARSHIPS

are interested in candidates working in the emergent area of capitalism studies, a framing that invites a critical approach to the contemporary global political economy in social scientific terms. We are open to various areas of focus within this broad framework, which may relate to race, indigeneity, knowledge production, the environment, gender or legal studies. This postdoc will be mentored by Smitha Radhakrishnan who works actively in development studies, financialization, and political economy. The research-oriented small liberal arts setting of the college will allow the fellow to develop collaborations with faculty studying capitalism across the fields of history, economics, anthropology, literature, and gender studies.

The successful candidate will teach two courses per year in areas such as: racial capitalism, feminist economics, capitalism and the environment, globalization, capitalism and its alternatives, global inequalities, intellectual histories of these fields, and other courses centered around their area of research. We welcome candidates who have completed their PhDs in 2019 or later. For current graduate students, the dissertation should be complete by June 30, 2022.

Applications should be submitted online through the college's career application website (<https://www.wellesley.edu/hr/jobseekers>).

Please submit the following: a letter of application, a c.v., 1-2 publications or works-in-progress and two letters of recommendation. (The online application will request names/email addresses so that recommenders or dossier services may submit the letters directly). Review of applications will begin immediately and continue until the position is filled. For best consideration, please apply by April 1st, 2022

Wellesley College is a highly selective liberal arts college for women located in the Boston suburbs. Wellesley is an Affirmative Action/Equal Opportunity Employer, and we are committed to increasing the diversity of the college community and the curriculum. Candidates who believe they can contribute to that goal are encouraged to apply.

All employees hired after August 2, 2021 are required to upload proof of vaccination against COVID-19, subject to approved medical or religious exemptions or disability accommodations.

Worker Sub-Type: Faculty Fixed (Fixed Term)

Time Type: Full time

EEO Statement

At Wellesley, we embrace and honor difference and diversity. We believe the best ideas—the best solutions—draw on a range of voices, perspectives, and

experiences. As a college, and as a community, we are dedicated to assuring that all members for the Wellesley community have an equal opportunity to flourish.

Wellesley College is an Equal Opportunity Employer, and we are committed to increasing the diversity of the college community and the curriculum. Wellesley College and all its subcontractors shall abide by the requirements of 41 CFR 60–1.4(a), 60–300.5(a) and 60–741.5(a). These regulations prohibit discrimination against qualified individuals based on their status as protected veterans or individuals with disabilities and prohibit discrimination against all individuals based on their race, color, religion, sex, sexual orientation, gender identity or national origin. Moreover, these regulations require that Wellesley College and all of its subcontractors take affirmative action to employ and advance in employment individuals without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability or veteran status. Candidates who believe they can contribute to that goal are encouraged to apply.

Apply:

[https://wd1.myworkdaysite.com/recruiting/wellesley/wellesley-faculty/job/Wellesley-College/Mellon-Postdoctoral-Fellow-in-Sociology\\_R0001653/apply](https://wd1.myworkdaysite.com/recruiting/wellesley/wellesley-faculty/job/Wellesley-College/Mellon-Postdoctoral-Fellow-in-Sociology_R0001653/apply)

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# CALL FOR GRANTS AND APPLICATIONS

## SOLIDARITY FUND FOR INNOVATIVE PROJECTS (FSPI)

### Application Guidelines

Research In Health, Innovation, Information and Artificial Intelligence

FSPI RS3I 2021-56

### Program Funding Opportunity Description

#### 1. Purpose

This notice announces the opportunity to apply for a funding under the Solidarity Fund for Innovative Projects with regards to the “Research in Health, Innovation, Information, and Artificial Intelligence Project” held by the French Embassy. The purpose of this program is to strengthen and improve the Nigerian Health System using Digital Innovations adaptive to the Nigerian environment.

Funding under this program is intended to support Young Nigerian researchers from the partnered Universities in order to develop their ideas falling into the E-Health topic covering this project.

The Solidarity Fund for Innovative Projects is a program under the Ministry of Europe and Foreign Affairs of French Republic designed to help French representations abroad to carry out innovative actions on the ground that have a rapid impact and are highly visible to the benefit of local populations.

There are two categories under which to choose from:

Call for proposal topic 1 with regards to Digital Health applications and software of Digital Health System, for example, e - patient (e.g., data treatment and preservation of patients around the country), e-consultation (e.g., online consultation of patients to avoid contact with hospitals and limit contamination risk to covid 19 from hospitals and/or limit time consuming of physical consultation) and general hospital management.

Call for proposal topic 2 with regards to innovative medical technology, medical apps facilitating operations and exploitation of medical imaging, biotechnology, data treatment, robotic and medical engineering.

According to statute, the FSPI shall give preference in making awards for this program to proposals that may improve the reproductive health, youth and female health, to proposals that involves young researchers and respect gender equality.

### Background

This program is authorized by the French Ministry of Europe and Foreign Affairs under the decision n°56 of March 18th, 2021.

The FSPI’s objective through the “Research in Health, Innovation, Information and Artificial Intelligence” is to boost capacity building in Nigerian young researchers and support their ideas to improve the actual Nigerian Health system by creating and implementing adaptive technological and digital innovations that could serve communities.

According to recent research and diagnosis provided from the Catel Center, the Health System in Nigeria has been highly influenced by ICT ‘s and projects falling into 4 those aspects. However, many of the programs and projects implemented so far did not end as expected. Either the main actors (e.g., health workers) show a lack of acceptance and adoption of the project and poor computer skills or they face a lack of sustainable funding.

Nevertheless, we can name several projects that improved the health system. Amongst them, the Mailafiya project, run in 2009 in partnership with Intel Corporation and created as an alternative solution for access to primary care falls into that category. In fact, it did include a strong digital aspect to help record and monitor health information of population of remote areas of the country. It helped health workers in the distribution of drugs and the monitoring of treatments. Overall, this project helped 336 communities et 13 primary clinics and few private and public hospitals.

Regarding the Mobile health sector, maternal and infant care applications such as Zero Mothers Die or Gifted Mom have been successfully implemented.

To build on those factual improvements and innovative ideas, the Health Information Innovation and Artificial Intelligence project aims at helping bring more ideas into life by funding more research from our partnered universities. We pre-selected the six universities of Nile, Bayero, Lagos UNILAG, Ibadan, Ife and Jos to collaborate on that project.

### AWARD INFORMATION

#### Type of Application Award

Type of applications sought innovative. The FSPI, through the French Embassy, will provide funding in the form of a grant.

# CALL FOR GRANTS AND APPLICATIONS

## Summary of Funding

The FSPI made available approximately €180,000,00 to fund up to 6 recipients. You may apply for a ceiling amount of up to €30,000.00 total cost (includes both direct and indirect, facilities, and administrative costs).

The period of performance is July 1st, 2022, through December 2023 (18 months).

Applicants must present a clear rationale for how the proposed activity builds upon and furthers the objectives of the project.

## Eligibility Information

### Eligible Applicants

The grant offers funding for projects to conduct research and implement solutions for up to 2 years beginning January 2022. Award will be made up to 30,000.00 euros as stated in the project's budget. A new generation of scientists and lecturers are specifically welcomed, amongst whom female scientists.

- Innovative medical technology
- Medical apps
- Facilitation of use and exploitation XR
- Biotechnology and data treatment,
- Robotics and medical engineering

A research proposal including a list of key personnel amongst the other fields, narrative background demonstrating contribution to the field, methodology and analysis plan, proposed implementation and solutions plan, a project timeline (activity and proposed timeframe)

An established collaboration between the team's fields conducting and interdisciplinary research and solutions-based project,

A research question topic and proposed solutions that explores and addresses the digital innovations and their possible impact in improving the Health System.

Local relevance of the proposed research question/topic as the project aims to serve the Nigerian Public Health System

Quality and suitable research methods and analysis approach

### Project output

- Audience for the solution output and dissemination plan
- Explanation of feasibility of the project within the grant's timeframe

- Annotated budget proposal with explanation of anticipated costs
- Proposal, resultant outputs and researches are all expected to be written in English and conducted taking into consideration the particular Nigerian environment and local languages when it is required.

The project's conception must fall into the following criteria:

The grant is open to Medical and technical researchers and support interdisciplinary fields teams exploring the areas listed above.

Applications are not to exceed 30 written pages including the budget and project timeline. Grants project should include and will be evaluated upon following criteria:

### Cost sharing / matching

Cost-sharing is not applicable for this program.

### Other

The FSPI Program may not consider an application for funding if it contains any of the non-responsive criteria below:

- Exceeds the ceiling amount
- Fails to satisfy the deadline requirements referenced in Section 4 If an application fails to address the programmatic goals and requirements outlined, the review committee will not consider it for review or funding under this opportunity.

### Application and Submission Information

#### Address to request application package

The FSPI requires you to apply electronically and encourages you to send your application to the following addresses: [fspirs3i202156@gmail.com](mailto:fspirs3i202156@gmail.com)  
[sebastien.bede@diplomatie.gouv.fr](mailto:sebastien.bede@diplomatie.gouv.fr)

You are ultimately responsible for reviewing the Application form page for all information relevant to this offer.

**FOR MORE DETAILS CONTACT THE RESEARCH MANAGEMENT OFFICE (RMO)**

## **Immune Drivers of Autoimmune Disease (IDAD) (U01 Clinical Trial Not Allowed)**

The National Institutes of Health (NIH) is inviting applications for this Research Project – Cooperative Agreements. This Funding Opportunity Announcement

# CALL FOR GRANTS AND APPLICATIONS

(FOA) invites applications to participate in the Immune Drivers of Autoimmune Disease (IDAD) cooperative research program, which will focus on defining the immunologic states and dynamics that drive autoimmune disease. The main objective of this program is to enhance our understanding of the immunologic processes, events, and changes that underlie the clinical manifestations of autoimmune diseases, including disease flare, remission, and progression of established disease, as well as the progression from a state of elevated risk to clinical diagnosis of autoimmune disease.

## Eligibility

- Higher Education Institutions both public and private
- Non-profits Other Than Institutions of Higher Education
- For-Profit Organizations (small business)
- Non-domestic (non-U.S.) Entities (Foreign Institutions) are eligible to apply
- Non-domestic (non-U.S.) components of U.S. Organizations are eligible to apply.
- Foreign components, as defined in the NIH Grants Policy Statement, are allowed to apply
- Any individual(s) with the skills, knowledge, and resources necessary to carry out the proposed research as the Program Director(s)/Principal Investigator(s) (PD(s)/PI(s)) is invited to work with his/her organization to develop an application for support.
- Individuals from underrepresented racial and ethnic groups as well as individuals with disabilities are always encouraged to apply for NIH support

Application budgets must reflect the actual needs of the proposed elements and are limited to \$750,000 direct costs per year. The scope of the proposed project should determine the project period; the maximum project period is five years.

Letter of Intent Due Date is 30 days prior to the application due date. The application due date is July 01, 2022

## Opportunity Info

- 91 day(s) remaining
- Amount: Not Specified
- Date added: 2022-02-25
- Deadline: 01 Jun 22

- Email: [GrantsInfo@nih.gov](mailto:GrantsInfo@nih.gov)
- Tel:
- Contact Person:
- Collaboration Required: No
- Funder's Website

<https://grants.nih.gov/grants/guide/rfa-files/RFA-AI-22-012.html>

## 2022 Part the Cloud Translational (PTC) Research for Alzheimers Disease Program

The Alzheimer's Association is pleased to announce the Part the Cloud Translational Research Funding initiative to increase the research efforts in Phase I and Phase II clinical trials directed towards Alzheimer's disease and related dementias internationally. Applications will be accepted from academic investigators and small companies with lead candidate therapeutic agents that require early-stage testing (Phase 1 or Phase 2) prior to the larger Phase 2b or 3 efficacy studies, or with lead therapeutic agents that have already established human safety data and require a small-scale pilot Proof of Mechanism (POM) study in humans to begin proving the scientific concept in humans. This award will support Phase 1 studies or pilot small-scale Phase 2a studies for novel or repurposed potential compounds in cognitively unimpaired, mild cognitive impairment or later stages of the disease, including single and multiple-dose studies to establish safety, brain penetration, and/or target engagement and POM in preparation for larger proof of concept trials. Any proposal must have a clear focus on Alzheimer's disease and related disorders and be translational in nature. All proposals should clearly and explicitly outline the measure to be investigated, the methods for study, and outcomes.

## Eligibility

□ Both non-profit and small for-profit agencies are eligible.

- Open to International Applicants.
- Small for-profit agencies must submit documentation of net assets and annual earnings during the letter of the intent process as a part of the review process. Not-for-profit organizations must submit documentation verifying status during the letter of intent process.
- Applications will be accepted from organizations conducting studies around the world.

# CALL FOR GRANTS AND APPLICATIONS

- Researchers with full-time staff or faculty appointments are encouraged to apply. Applications from post-doctoral candidates will not be accepted.

The budget must not exceed the maximum amount of the award, \$800,000 over two or three years. Letters of Intent are not required for this round of Part the Cloud funding opportunity. The deadline for application is March 23, 2022

## Opportunity Info

- Amount: USD 800,000
- Date added: 2022-02-25
- Deadline: 23 Mar 22
- Email: [grantsapp@alz.org](mailto:grantsapp@alz.org)
- Tel:
- Contact Person:
- Collaboration Required: No
- Funder's Website:

<https://www.alz.org/research/professional-researchers/grants/types-of-grants/part-the-cloud-translational-research>

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## Alzheimer's Drug-Development Program (U01 Clinical Trial Optional)

The National Institutes of Health (NIH) is inviting applications for this Research Project – Cooperative Agreements. The goal of this Funding Opportunity Announcement (FOA) is to provide funding support for the pre-clinical and early stage clinical (Phase I) development of novel small-molecule and biologic drug candidates that prevent Alzheimer's disease (AD), slow its progression, or treat its cognitive and behavioral symptoms. Participants in this program will receive funding for therapy development activities such as medicinal chemistry; pharmacokinetics (PK); Absorption, Distribution, Metabolism, Excretion, Toxicology (ADMET); efficacy in animal models; formulation development; chemical synthesis under Good Manufacturing Practices (GMP); Investigational New Drug (IND) enabling studies; and initial Phase I clinical testing. Applications not responsive to this FOA include research on basic mechanisms of disease or mechanisms of drug action; development of biomarkers, devices, non-pharmacological interventions (e.g., exercise, diet, cognitive training), repurposed drugs and combinations therapies; discovery activities such as high-throughput screening and hit optimization; and stand-alone clinical trials.

## Eligibility

- Higher Education Institutions both public and private
- Non-profits Other Than Institutions of Higher Education
- For-Profit Organizations (small business)
- Non-domestic (non-U.S.) Entities (Foreign Institutions) are eligible to apply
- Non-domestic (non-U.S.) components of U.S. Organizations are eligible to apply.
- Foreign components, as defined in the NIH Grants Policy Statement, are allowed to apply
- Any individual(s) with the skills, knowledge, and resources necessary to carry out the proposed research as the Program Director(s)/Principal Investigator(s) (PD(s)/PI(s)) is invited to work with his/her organization to develop an application for support.
- Individuals from underrepresented racial and ethnic groups as well as individuals with disabilities are always encouraged to apply for NIH support.

Application budgets are limited to \$1,500,000 in direct costs per year and need to reflect the actual needs of the proposed project. Letter of Intent Due Date is 30 days prior to the application due date. Application Due Date February 5, 2022, June 5, 2022, October 5, 2022.

## Opportunity Info

- 64 day(s) remaining
- Amount: USD 1,000,000
- Date added: 2021-11-22
- Deadline: 05 May 22
- Other Deadline(s): , 05 Sep 2022
- Email: [refolol@nia.nih.gov](mailto:refolol@nia.nih.gov)
- Tel: 301-594-7576
- Contact Person: Lorenzo M. Refolo
- Collaboration Required: No

Funder's Website: Visit:

<https://grants.nih.gov/grants/guide/pa-files/PAR-22-047.html>

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## Clinical Research Award Cystic Fibrosis Foundation

The Cystic Fibrosis Foundation offers competitive awards to support clinical research projects directly related to cystic fibrosis treatment and care. The Clinical Research Award program intends to provide support for investigator-initiated clinical research projects that have the potential to make an important contribution to the

# CALL FOR GRANTS AND APPLICATIONS

Cystic Fibrosis Foundation's mission. Research projects may address diagnosis, treatment, management of disease or symptom, or the pathophysiology of cystic fibrosis, using clinical, translational, or epidemiologic study approaches. Applicants must demonstrate access to a sufficient number of CF patients and appropriate controls.

## Eligibility

- United States residents and applicants from outside the United States are welcome to apply.
- Applicants must be independent investigators. Fellows may submit applications; however, funding will be considered only if they will hold a faculty-level appointment at the time of the award.
- Industry-sponsored research projects are not eligible for this award.
- Up to \$150,000 per year (plus 12 per cent indirect costs) for a maximum of three years may be requested for single-centre clinical research awards. For multi-centre clinical research, the potential award is up to \$350,000 per year (plus 12 per cent for indirect costs) for a maximum of three years.

The deadline for the letter of Intent is March 28, 2022, and the Full application will be due on August 8, 2022

## Opportunity Info

- Amount: Not Specified
- Date added: 2022-03-02
- Deadline: 28 Mar 22
- Email: [grants@cff.org](mailto:grants@cff.org)
- Tel: 301-841-2614
- Contact Person: ..
- Collaboration Required: No

Funder's Website: Visit

<https://www.cff.org/Research/Researcher-Resources/Awards-and-Grants/Research-Awards/Clinical-Research-Award/>

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## **NCMRR Early Career Research Award (R03 Clinical Trial Optional)**

The National Center for Medical Rehabilitation Research (NCMRR) Early Career Research (ECR) Award (R03) is intended to support both basic and clinical research from rehabilitation scientists who are establishing independent research careers. The research must be focused on one or more of the areas within the biomedical and behavioral mission of NCMRR: pathophysiology and management of chronically injured nervous and musculoskeletal systems (including stroke, traumatic brain injury, spinal cord injury, and orthopedic

conditions); repair and recovery of motor and cognitive function; functional plasticity, adaptation, and windows of opportunity for rehabilitative interventions; rehabilitative strategies involving pharmaceutical, stimulation, and neuroengineering approaches, exercise, motor training, and behavioral modifications; pediatric rehabilitation; secondary conditions associated with chronic disabilities; improved diagnosis, assessment, and outcome measures; and development of orthotics, prosthetics, and other assistive technologies and devices.

## Eligibility

- Higher Education Institutions both public/state and private
- Non-profits Other Than Institutions of Higher Education
- For-Profit Organizations; Small Businesses and For-Profit Organizations (Other than Small Businesses)
- Non-domestic (non-U.S.) Entities (Foreign Institutions) are eligible to apply
- Non-domestic (non-U.S.) components of U.S. Organizations are eligible to apply
- Foreign components, as defined in the NIH Grants Policy Statement, are allowed
- Any individual(s) with the skills, knowledge, and resources necessary to carry out the proposed research as the Program Director(s)/Principal Investigator(s) (PD(s)/PI(s)) is invited to work with his/her organization to develop an application for support. Individuals from underrepresented racial and ethnic groups as well as individuals with disabilities are always encouraged to apply for NIH support

The combined budget for direct costs for the entire project period may not exceed \$200,000. No more than \$100,000 in direct costs may be requested in any single year. The maximum project period is 2 years.

## Opportunity Info

- Amount: USD 200,000
- Date added: 2020-01-13
- Deadline: 30 Mar 22
- Email: [cruzth@mail.nih.gov](mailto:cruzth@mail.nih.gov)
- Tel: 301-496-9233
- Contact Person: Theresa Hayes Cruz
- Collaboration Required: No

Funder's Website: Visit

<https://grants.nih.gov/grants/guide/pa-files/PAR-20-042.html>

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# CALL FOR GRANTS AND APPLICATIONS

## **Urgent Award: COVID-19 Mental Health Research (R01 Clinical Trial Optional)**

National Institute of Health (NIH)

The National Institutes of Health (NIH) is inviting applications for this Research project Grant. NIMH is issuing this FOA in response to the declared public health emergency issued by the Secretary, HHS, for 2019 Novel Coronavirus (COVID-19). See "Determination that a Public Health Emergency Exists Nationwide as the Result of the 2019 Novel Coronavirus" as renewed in "Renewal of the Determination that a Public Health Emergency Exists Nationwide as the Result of the Continued Consequences of Coronavirus Disease 2019 (COVID-19) Pandemic". This Funding Opportunity Announcement (FOA) aims to address urgent, time-sensitive mental health research questions related to COVID-19, including broader secondary impacts of the pandemic as well as research on the intersection of mental health, COVID-19, and HIV. Research supported will improve public health in the near term by informing responses to the current pandemic through 1) understanding mechanisms by which mental illness impacts SARS-CoV-2 morbidity and mortality, 2) exploring how COVID-19 contributes to incident mental illness or HIV-outcomes, 3) identifying modifiable targets uniquely or robustly implicated in the pandemic that are relevant to new and worsening mental illness, and 4) conducting mechanistic trials probing biological or behavioral processes of those targets that may be pursued in future mental health therapeutic development. Research is anticipated to be informed by and directed towards vulnerable populations based on evidence of pre-existing and worsened health disparities.

### Eligibility

- Higher Education Institutions both public and private
- Non-profits Other Than Institutions of Higher Education
- For-Profit Organizations (small business)
- Non-domestic (non-U.S.) Entities (Foreign Institutions) are eligible to apply
- Non-domestic (non-U.S.) components of U.S. Organizations are eligible to apply.
- Foreign components, as defined in the NIH Grants Policy Statement, are allowed to apply
- Any individual(s) with the skills, knowledge, and resources necessary to carry out the proposed

research as the Program Director(s)/Principal Investigator(s) (PD(s)/PI(s)) is invited to work with his/her organization to develop an application for support.

- Individuals from underrepresented racial and ethnic groups as well as individuals with disabilities are always encouraged to apply for NIH support.

Application budgets are limited to \$750,000 direct costs per year and need to reflect the actual needs of the proposed project. Letter of Intent Due Dates are 30 days prior to the application due date. Application Due Dates are April 25 2022, August 25 2022, December 23 2022.

<https://grants.nih.gov/grants/guide/pa-files/PAR-22-113.html>

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## **Wellcome Career Development Awards Welcomes trust**

Wellcome Trust invites applications for Wellcome Career Development Awards. This scheme provides funding for mid-career researchers from any discipline who have the potential to be international research leaders. They will develop their research capabilities, drive innovative programmes of work and deliver significant shifts in understanding that could improve human life, health and wellbeing.

### Eligibility

- You can apply for a Wellcome Career Development Award if you are a mid-career researcher, and you are ready to lead a substantial and innovative research programme.
- Research can be in any discipline – including science, technology, engineering and mathematics (STEM), experimental medicine, humanities and social science, clinical/allied health sciences, and public health.
- Applicant must have completed one or two substantial periods of research after your initial training.
- Applicant must have made important contributions to your area of research
- You must have sponsorship from an eligible host organization in one of the following: UK, Republic of Ireland, a low- or middle-income country (apart from India and mainland China).

# CALL FOR GRANTS AND APPLICATIONS

March 2022 round application deadline is 29 March 2022, 17:00 BST

July 2022 round application deadline is 21 July 2022, 17:00 BST

## Opportunity Info

- Amount: Not Specified
- Date added: 2022-02-07
- Deadline: 29 Mar 22
- Other Deadline(s): 21 Jul 2022

Funder's Website: Visit :

<https://wellcome.org/grant-funding/schemes/career-development-awards>

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## **TWAS - Elsevier Foundation Project Grants for Gender Equity and Climate Action**

### **The World Academy of Sciences (TWAS)**

The TWAS - Elsevier Foundation Project Grants for Gender Equity (SDG #5) and Climate Action (SDG #13) is a new programme established in response to the dual need to support women's well-being through capacity-building of female scientists and respond to the causes and consequences of climate change with concrete action-based projects, under the umbrella of the “climate action” SDG. The programme is community-focused: a competitive, open call for applications will consider projects that respond to the needs of, and to the development requirements, of the applicants' community and/or national or regional context in one of the 66 scientifically and technologically lagging countries (STLCs).

## Eligibility

- Submission of an action-based project with a direct impact on the community of a scientifically and technologically lagging country with a primary focus on climate action (SDG 13) and a secondary focus on gender equality (SDG 5).
- The principal applicant and project leader must be a woman scientist, holding a PhD, living and working in a scientifically and technologically lagging country employed at a university or research institute. The programme does not require direct involvement of the university or of the research institute in the project. Proof of current employment will be asked to shortlisted candidates.

- There is no age limitation for this programme.
- The principal applicant will work in a group with up to four (4) additional secondary applicants, also women, who are either scientists or technical experts in a field relevant to the project, from any developing country.
- The technical expertise would complement the work of the scientist(s) and thus enhance the potential of the team. The team must not include more than five (5) members in total.
- Projects in any area with enough relevance to climate change and gender equality are eligible.
- Interdisciplinary approaches are welcome.

The programme will award three (3) grants to Collaborative Teams composed of 2–5 members. The project grant is designed to be flexible and modular, with a total value in the USD 24,000- 25,000 range. It will allow for a variety of expenses within a three-year timescale, as long as these are clearly justified by the work tasks.

The deadline for receiving applications is May 19, 2022.

## Opportunity Info

- Amount: Not Specified
- Date added: 2022-02-22
- Deadline: 19 May 22
- Email: [climatewomen@twas.org](mailto:climatewomen@twas.org)
- Tel:
- Contact Person:
- Collaboration Required: No

Funder's Website: Visit

<https://twas.org/opportunity/twas-elsevier-foundation-project-grants-gender-equity-and-climate-action>

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## **NOT-OD-22-065: Notice of Special Interest (NOSI): Administrative Supplements for Advancing the Ethical Development and Use of AI/ML in Biomedical and Behavioral Sciences**

<https://grants.nih.gov/grants/guide/notice-files/NOT-OD-22-065.html>

Application Due Date –Thursday March 31st, 2022 by 5:00 PM local time of applicant organization.

The NIH Office of Data Science Strategy (ODSS) announces the availability of funds for

# CALL FOR GRANTS AND APPLICATIONS

Administrative Supplements to active NIH grants that have a significant Artificial Intelligence and Machine Learning (AI/ML) and/or ethics component. The funds will support collaborations that bring together expertise in ethics, biomedicine, data collection, and AI/ML to advance the understanding, tools, metrics, and practices for the ethical development and use of AI/ML in biomedical and behavioral sciences.

To be eligible, the parent award must be able to receive funds in FY2022 (Oct. 1, 2021 - Sept. 30, 2022) and not be in the final year or in a no-cost extension period at the time of the award. The parent award must end on or after Sept. 30, 2023.

One-time supplement budget requests cannot exceed \$200,000 direct costs. The number of awards will be contingent on availability of funds and receipt of meritorious applications. It is currently anticipated that 30 awards will be made.

Please direct all inquiries to:

Laura Biven PhD

Office of Data Science Strategy

Division of Program Coordination, Planning, and Strategic Initiatives

Office of the Director

Email: ai-ethics@nih.gov

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## National Institute of Allergy and Infectious Diseases

Funding Opportunities

New Technologies for the In vivo Delivery of Gene Therapeutics for an HIV Cure (R01 Clinical Trial Not Allowed)- RFA-AI-20-076

<http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-20-076.html>

Deadline: 18 March 2022.

The Autoantigens and Neoantigens Function in the Etiology and Pathophysiology of Type 1 Diabetes (R01 Clinical Trial Optional)- RFA-DK-21-004

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DK-21-004.html>

Deadline: 31 March 2022

Asthma and Allergic Diseases Cooperative Research Centers (U19 Clinical Trial Optional)- RFA-AI-21-079

<http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-21-079.html>

Deadline: 04 June 2022

Early-Stage Development of Data Science Technologies for Infectious and Immune-mediated Diseases (U01 Clinical Trial Not Allowed)- RFA-AI-21-020

<http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-21-020.html>

Deadline: 07 July 2022

Exploratory Data Science Methods and Algorithm Development in Infectious and Immune-mediated Diseases (R21 Clinical Trial Not Allowed)- RFA-AI-21-035

<http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-21-035.html>

Deadline: 07 July 2022

Support for Small Business Innovation Research (SBIR) to Develop New Methods and Technologies for Assessment of Risk and for Early Diagnosis and Prognosis of Type 1 Diabetes (R43/R44 Clinical Trial Not Allowed)- RFA-DK-21-021

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DK-21-021.html>

Deadline: 08 October 2022

Investigation of Co-occurring conditions across the Lifespan to Understand Down syndrome E (INCLUDE) Exploratory/Developmental Research Grant Award (R21 Clinical Trial Not Allowed)- RFA-OD-21-007

Deadline: 04 November 2022

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## Gilead's Global Public Health Awards

Gilead's Research Scholars Program supports innovative research from emerging investigators around the world to advance scientific knowledge in areas of unmet medical needs and improve the lives of patients everywhere.

The mission of the Global Public Health Program is to support the development of independent investigators, including academic public health-oriented scientists, from low and middle-income countries. These investigators should have an interest in supporting country driven research priorities pertaining to optimizing health service delivery to meet Sustainable

Development Goals for people infected with, or at risk for viral Hepatitis (B,C,D) and/or HIV.

Each award is funded up to \$100,000 USD over two years, paid as annual installments of \$50,000 USD per year directly to the scholar's institution. Funding for the second year is contingent upon submission of a progress report and approval by the Scientific Review Committee Chair.

Click to Download Program Brochure:

<https://sci.scientific-direct.net/c/1737622/25463481022da84b/1>

Click to Download Program Ad:

<https://sci.scientific-direct.net/c/1737622/25463481022da84b/2>

Visit the Gilead's Global Public Health Awards portal to learn more about the program, including eligibility and application criteria.

Gilead's Research Scholars Program is committed to building a more diverse and inclusive scientific community.

Each Research Scholars Program is overseen by a Scientific Review Committee composed of distinguished experts in their fields. The Scientific Review Committees oversee each program completely independent from Gilead — and scholars retain their independence as well.

To learn more about the Gilead Research Scholars Program, please visit [www.Gilead.com/RSP](http://www.Gilead.com/RSP).

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## OUR MOTTO

Advancing translational research output and uptake to meet societal needs

## OUR VISION

To support researchers with information on funding opportunities, encourage collaboration and provide adequate training/services for the acquisition of knowledge and skills in grantsmanship that will enable carrying out of cutting-edge research

## OUR MISSION

To be the flagship of innovative research administration and management in Sub-Saharan Africa, a catalyst for doing and up taking cutting edge research in the society

## WHAT WE DO?

### *Pre-grant application services*

- Funding opportunities: disseminate research funding opportunities
- Confirm eligibility of researchers according to sponsor guidelines
- Liaise with funding agencies on behalf of the university
- Interpret sponsor guidelines & regulations
- Register & assist with agency submission websites

### *Proposal Writing*

- Review Request for Applications (RFAs) and Request for Proposals (RFPs)
- Proposal development
- Ensure compliance with submission guidelines
- Institutional support documentation for grants application
- Edit and format grants applications for readability
- Review and sign research proposals on behalf of the University or as a delegate of the University

### *Budgeting*

- Budget templates
- Cost sharing
- Routing and approval

### *Training*

- Provide training opportunities relating to grantsmanship for early career researchers.

### *Award Services Communication*

- Identify and communicate proactively and effectively award parameters and sponsor terms and conditions to researchers and other administrative staff.
- Network with researchers to share and obtain information for effective scientific communication.

### *Project management*

- Provide assistance to researchers and staff on post-award administrative processes
- Liaise with sponsors to ensure compliance with guidelines and to resolve conflicts and concerns (where applicable)
- Initiate and manage partnership agreements, sub-awards and sub-contracts with external collaborators

### *Fiscal Stewardship*

- Provide support to researchers to facilitate the management of research funds and ensure financial management and control on behalf of external Sponsors.
- Ensure the preparation and submission of financial reports to sponsors according to set deadlines
- Coordinate and respond to audits and monitoring visits requested by sponsors in collaboration with other units such as bursary, procurement services and the researcher.

**FACULTY OF ARTS**

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