

FUNDING OPPORTUNITIES

The Science and Technology Center of Ukraine is presenting to you a variety of funding opportunities from various scientific foundations, charitable organizations, and government agencies. The funding opportunities range from research grants to collaborative programs to fellowships.

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GRANTS, AWARDS, & PROGRAMS FROM THE NATIONAL INSTITUTE OF HEALTH

NATIONAL INSTITUTE OF HEALTH

- Foreign institutions can apply for grants
- NIH can make grants directly to foreign institutions
- There are some NIH programs designed specifically to foster international collaboration
 - **NIH visitor program** - open to scientists at all career levels
 - Visiting Fellows: 2 year award that provides a research training experience
 - Visiting Scientist: considered an NIH employee, appointed to conduct health-related research
 - http://dis.ors.od.nih.gov/visitingprogram/02_vpdescription.html

FOGARTY INTERNATIONAL CENTER: international component of the NIH

- The many Fogarty programs provide funding for research and training in a variety of global health topics
- Programs: <http://www.fic.nih.gov/Programs/Pages/default.aspx>

Research & Research Training Programs

- **Chronic, Non-Communicable Diseases and Disorders Across the Lifespan: Fogarty International Research Training Award**
 - <http://www.fic.nih.gov/Programs/Pages/chronic-lifespan.aspx>
 - Letter of intent due: March 2013
 - Program supports collaborative research between US institutions and international institutions
- **Global Infectious Disease Research Training Program**
 - <http://www.fic.nih.gov/Programs/Pages/infectious-disease.aspx>
 - Letter of intent due: April 2013
 - Supports research by US/Foreign institution collaboration and by foreign institutions
- **Fogarty HIV Research Training Program**
 - <http://www.fic.nih.gov/Programs/Pages/hiv-aids-research-training.aspx>
 - Letter of intent due: June 2012, 2013, 2014
 - Supports US/foreign institution collaboration and foreign institutions

NIH INSTITUTES

National Cancer Institute

- <http://cancer.gov/>
- International Network for Cancer Treatment and Research: <http://www.inctr.org/about-inctr/>

National Eye Institute

- <http://www.nei.nih.gov/>
- Foreign institutions (but not foreign individuals) are eligible for some NEI grants

National Heart, Lung & Blood Institute

- <http://www.nhlbi.nih.gov/>

National Human Genome Research Institute

- <http://www.genome.gov/>

National Institute on Aging

- <http://www.nia.nih.gov/>

National Institute on Alcohol Abuse and Alcoholism

- <http://www.niaaa.nih.gov/>

National Institute of Allergy and Infectious Diseases

- <http://www.niaid.nih.gov/Pages/default.aspx>
- Awards grants to foreign institutions

National Institute of Arthritis and Musculoskeletal and Skin Diseases

- <http://www.niams.nih.gov/>

National Institute of Biomedical Imaging and Bioengineering

- <http://www.nibib.nih.gov/>

***Eunice Kennedy Shriver* National Institute of Child Health and Human Development**

- <http://www.nichd.nih.gov/>
- Supports domestic and international research and training programs

National Institute on Deafness and Other Communication Disorders

- <http://www.nidcd.nih.gov/Pages/default.aspx>

National Institute of Dental and Craniofacial Research

- <http://www.nidcr.nih.gov/>
- Collaborates on research, research training, and health promotion internationally in addition to nationally
- Maintains relations with international/foreign health agencies, coordinates research activities on an international scale

National Institute of Diabetes and Digestive and Kidney Diseases

- <http://www2.niddk.nih.gov/>

National Institute on Drug Abuse

- <http://www.drugabuse.gov/>
- International Collaboration on Drug Abuse and Addiction Research:
<http://grants.nih.gov/grants/guide/pa-files/PA-12-040.html>

National Institute on Environmental Health Science

- <http://www.niehs.nih.gov/>

National Institute of General Medical Sciences

- <http://www.nigms.nih.gov/>

National Institute of Mental Health

- <http://www.nimh.nih.gov/index.shtml>

National Institute on Minority Health and Health Disparities

- <http://www.nimhd.nih.gov/>

National Institute of Neurological Disorders and Stroke

- <http://www.ninds.nih.gov/>
- Office of International Activities:
http://www.ninds.nih.gov/funding/areas/office_of_international_activities/

National Institute of Nursing Research

- <http://www.ninr.nih.gov/>

GRANTS & AWARDS FROM NON-GOVERNMENTAL ORGANIZATIONS (PRIVATE & CHARITABLE ORGANIZATIONS)

- **SCIENCE**
- **MEDICINE & HEALTH**
- **ENVIRONMENT**
- **GENERAL RESEARCH**

SCIENCE

HUMAN FRONTIER SCIENCE PROGRAM

- <http://www.hfsp.org/funding/research-grants>
- Letters of intent due in March
- Provides research grants for teams of scientists from different countries who seek to combine their expertise to answer questions that could not be answered by individual laboratories
- Looking for international teams that bring together scientists from different fields
- Looking for collaboration that brings together scientists preferable from different disciplines (chemistry, physics, computer science, engineering) to focus on problems in the life sciences
- Principle applicant for grant has to be from one of the member countries (<http://www.hfsp.org/funding/eligible-countries>) but collaborating scientists could be from CIS countries

INTERNATIONAL CENTER FOR GENETIC ENGINEERING AND BIOTECHNOLOGY

- <http://www.icgeb.org/research-grants.html>
- Applications due in April of each year
- Scientists from the Kyrgyz Republic and Russia can submit project proposals
- ICGEB supports research proposals in many fields of basic science, human healthcare, industrial and agricultural biotechnology, and environmental bioremediation
- Grants are awarded to promising scientific research projects aiming to achieve a clear result within the maximum period of three years (36 months), at a contribution level not over Euro 25,000 per year

THE MOLECULAR FOUNDRY

- <http://foundry.lbl.gov/>
- Deadline: July 15
- Normally calls for proposals happen bi-annually, but not this year –deadline is 15 July 2012 – after that next deadline is spring 2013
- Provides support for international researchers in the field of nanoscience
- Four main research themes: combinatorial nanoscience, nanointerfaces, multimodal in situ nanoimaging, single digit nanofabrication
- the Foundry provides researchers with the tools to enhance the development and understanding of the synthesis, characterization and theory of nanoscale materials

SWISS NATIONAL SCIENCE FOUNDATION

- <http://www.snf.ch/E/international/europe/scopes/Pages/default.aspx>
- Funding opportunities for collaboration between Swiss scientists and Eastern European scientists
- There are a number of different types of grants/partnerships/projects, but CIS scientists should be eligible for some of them – at the bottom of the page it lists two types of partners, and the first one includes scientists from Ukraine, Moldova, and Central Asia

HEALTH & MEDICINE

AMERICAN HEALTH ASSISTANCE FOUNDATION

- <http://www.ahaf.org/research/apply/main.html>
- grants for research regarding Alzheimer's Disease, Macular Degeneration, and Glaucoma
- Grants range from \$100,000 (\$50,000 for two years) for Macular Degeneration and Glaucoma research to \$400,000 over three years for Alzheimer's research

THE BROAD FOUNDATION

- <http://www.broadmedical.org/>
- **Proposals accepted and viewed year-round**
- Funds research regarding Inflammatory Bowel Disease – refers to two chronic inflammatory gastrointestinal disorders: Crohn's disease and ulcerative colitis
- looking for innovative projects, projects in early stages, projects to improve diagnosis, therapy or prevention, and projects that will lead to long-term funding by more traditional granting agencies

INTERNATIONAL SOCIETY FOR INFECTIOUS DISEASES

- ISID Small Grants: http://www.isid.org/grants/grants_small.shtml
 - **Deadline for submission April 1 and October 1**
 - Grants of up to \$6000 are awarded
 - Grants for researchers in developing countries to support and foster the professional development of young individuals
 - Areas of interest include, but are not limited to investigations of the epidemiology, pathophysiology, diagnosis or treatment of infectious diseases, the epidemiology and control of hospital-acquired infections, and modeling of cost effective interventions
- ISID Scientific Exchange Fellowships:
http://www.isid.org/grants/grants_fellowships.shtml
 - **Annual deadline March 1**
 - Funding of up to \$7,500 for up to 3 months
 - to promote collaboration among researchers in different countries by enabling infectious disease researchers in the formative stage of their career to extend their research experience in institutions outside of their region
- SSI (Swiss Society for Infectious Diseases)/ISID Fellowship:
http://www.isid.org/grants/grants_ssi_fellowships.shtml
 - **Deadline April 1**
 - financial stipend of up to 36,000 Swiss Franks per year
 - purpose of this Fellowship Program is to support infectious disease physicians and scientists from developing and middle income countries through

multidisciplinary clinical and laboratory training at select biomedical institutions in Switzerland

NATIONAL BLOOD FOUNDATION

- <http://www.aabb.org/programs/nbf/Pages/grants.aspx>
- Annual grant cycles – deadline for proposals for 2013 grant cycle is 30 December 2012
- Project funding up to \$75,000
- Focus on transfusion medicine, including aspects of immunology, hematology, tissue and transplantation medicine, cellular therapies, emerging infectious disease, immunohematology, donor health, and technology

THRASHER RESEARCH FUND

- http://www.thrasherresearch.org/sites/www_thrasherresearch_org/Default.aspx?page=220
- Concept papers accepted on a rolling basis
- Awards for children's medical research
- grant amount is based on the project - duration of project can be up to 3 years - average grant is \$300,000 (in total, not annually)
- No citizenship/residency requirements

WELCOME TRUST

- <http://www.wellcome.ac.uk/Funding/International/index.htm>
- The Wellcome Trust offers research funds to scientists in low or middle income countries in the fields of public health and tropic medicine:
<http://www.wellcome.ac.uk/Funding/Biomedical-science/Funding-schemes/Fellowships/Public-health-and-tropical-medicine/index.htm>
 - **Master's Fellowships in Public Health and Tropic Medicine:** support for postgraduate research and training relevant to health
 - **Training Fellowship in Public Health and Tropic Medicine:** support for researchers at an early stage in their research careers to gain research experience and training relevant to health
 - **Intermediate Fellowships in Public Health and Tropic Medicine:** support for mid-career researchers to establish independent research programs
 - **Senior Fellowships in Public Health and Tropical Medicine:** support for outstanding researchers to establish themselves as leading investigators at an academic institution in a low or middle income country location

FOUNDATIONS FOR SPECIFIC DISEASES

AUTISM SPEAKS

- <http://www.autismspeaks.org/science/grants-program>
- support many different types of projects to advance all phases of autism research, each from basic to clinical to treatment
- A large number of different grants and fellowships available

CYSTIC FIBROSIS FOUNDATION

- http://www.cff.org/research/ForResearchers/FundingOpportunities/ResearchGrants/#Research_Grants
- Research Grants for research related to cystic fibrosis – research may be carried out at the subcellular, cellular, animal, or patient level
- CIS scientists would be eligible to apply for:

- CFF Research Grant Award with letter of intent – next opportunity to submit a letter of intent application is **April 2013**
- CFF Pilot and Feasibility Award with Letter of Intent – next opportunity to submit a letter of intent application is **April 2013**
- CFFT Clinical Research Award with letter of intent – next opportunity to submit a letter of intent application is **December 2012**

MELANOMA INTERNATIONAL FOUNDATION

- http://www.melanomaintl.org/about/innovative_research.html
- **Deadline: August 2012 – and on an annual basis**
- Grants for innovative research in melanoma
- Awards up to \$40,000
- Open to all scientists, without regard for nationality or institutional or department affiliation

THE MICHAEL J. FOX FOUNDATION FOR PARKINSON'S RESEARCH

- http://www.michaeljfox.org/research_fundingOpportunities.cfm
- fund research proposals for translational and clinical research, in addition to high-risk/high-reward discovery work
- A number of different grant opportunities – many accept deadlines anytime

MUSCULAR DYSTROPHY ASSOCIATION

- <http://www.mdaua.org/research/guidelines.html>
- supports research aimed at developing treatments for the muscular dystrophies and related diseases of the neuromuscular system
- **Letters of intent due June 15, December 15**
- Independent investigators only
- “Proposals from applicants outside the United States will be considered for projects of highest priority to MDA and when, in addition to the applicant's having met the requirements noted above the applicant's country of residence may not have adequate sources of financial support for biomedical research.”
- Funding amount depends on type of grant

NATIONAL BRAIN TUMOR SOCIETY

- Grant opportunities for academic researchers
- <http://www.braintumor.org/research/funding-opportunities/>
- Website says grants open to both the domestic and international research community

PARKINSON'S DISEASE FOUNDATION

- International Research Grants Program (IRGP): http://www.pdf.org/en/grant_funding_igr
- **Letter of intent due in mid-November**
- maximum of \$75,009 over two years
- IRGP aims at promoting innovative research to advance knowledge of Parkinson's Disease
- Open to all international scientists, regardless of citizenship/nationality
- Letters of intent due in mid-November

UNITED MITOCHONDRIAL DISEASE FOUNDATION

- <http://www.umdf.org/site/pp.aspx?c=8qKOJ0MvF7LUG&b=7934689>

- Mitochondrial disease results from failures of the mitochondria which are responsible for creating over 90% of the energy needed by the body
- **Grant cycles begin in July**
- Fund basic and clinical research
- Said they're open to applications from foreign scientists

ENVIRONMENT

NORDIC ENVIRONMENT FINANCE CORPORATION (NEFCO)

- <http://www.nefco.org/en>
- Provides funding for environmental projects in Russia, Ukraine, Estonia, Latvia, Lithuania, & Belarus
- Projects must: have a relevant environmental effect, have a Nordic company or institution as a business partner, be based on long-term cooperation through investments in enterprises

GENERAL RESEARCH

ROCKEFELLER FOUNDATION

- <http://www.rockefellerfoundation.org/>
- Potential source for grants if proposals fit with the current issues the foundation is focusing on
- 5 issue areas the foundation is currently focusing on (<http://www.rockefellerfoundation.org/who-we-are/our-focus>):
 1. Basic Safeguards – secure food, water, housing, and infrastructure
 2. Global Health - Accessible, affordable and equitable health services and systems
 3. Climate & Environment - Sustainable growth and resilience to climate change
 4. Urbanization - Solutions for fast-growing cities
 5. Social & Economic Security - Stronger safety nets, reinvigorated citizenship, re-imagined policy frameworks

OPEN SOCIETY FOUNDATIONS (The George Soros Foundation)

- **East East Beyond Borders: Central and Eastern Europe, Central Eurasia, and Turkey**
 - <http://www.soros.org/grants/east-east-beyond-borders-central-and-eastern-europe-central-eurasia-and-turkey>
 - supports international collaboration among civil society and nongovernmental organizations to share experiences, expertise, and knowledge to advance principles of open society internationally
 - Supports initiatives such as "Building a Common European Future for Environmental Sustainability"
- **Mental Health Initiative**
 - <http://www.soros.org/grants/mental-health-initiative>
 - Provides grants to organizations in Central and Eastern Europe and the former Soviet Union, or to organizations based in other countries that focus their activities in this region

- grants for projects that focus on the reform of national health, social welfare, education, and employment policies in regard to those with mental health problems

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GRANTS, AWARDS, & PROGRAMS FROM THE NATIONAL SCIENCE FOUNDATION

- **Partnership for Enhanced Engagement in Research (PEER):**
<http://sites.nationalacademies.org/pga/dsc/peer/index.htm>
 - Next deadline for PEER expected to be announced in August 2012
 - The PEER program partners scientists from developing countries with NSF funded scientists at US institutions
 - The goals of the program include building scientific capacity, empowering researchers to use science and technology to address local and global development challenges, and to build scientific networks to address global challenges
 - Interests include:
 - Food Security (agricultural development, fisheries, plant genomics)
 - Global Health (infectious diseases, biomedical engineering, natural/human system interactions)
 - Climate change impacts (water sustainability, hydrology, ocean acidification, climate process and modeling, environmental engineering)
 - Other Development topics (disaster mitigation, biodiversity, water, renewable energy)
- **Developing Country Collaborations in Plant Genome Research:**
<http://www.nsf.gov/pubs/2004/nsf04563/nsf04563.pdf>
 - Proposals accepted anytime
 - Supports collaborative research between US scientists and scientists in developing countries as part of the Plant Genome Research Program Awards
 - Hoping to solve problems of mutual interest in agriculture, energy, and the environment, while placing researchers “at the center of a global network of scientific excellence”

GRANTS FROM THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)

- **Cooperative Agreement Notice/Dual Use Technology:**
<http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={998BBC29-B28C-A94F-B164-A6934B934DBA}&path=open>
 - Open through September 2012
 - Looking for partners willing to enter into Cooperative Agreements with NASA for the joint development of technologies to meet the needs of the Stennis Space Center (SSC) – partners must be willing to share the cost of the projects
 - Interested in such areas of technological advancement such as rocket propulsion tests, helium recovery, critical vacuum sensing
- **Research Opportunities in Aeronautics:**
<http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={2344F7C4-8CF5-D17B-DB86-018B0B184C63}&path=open>
 - Open through September 2012
 - Looking for research proposals for four programs within the Aeronautics Research Mission Directorate (ARMD): the Airspace Systems Program, the Aviation Safety Program, the Fundamental Aeronautics Program, and the Integrated Systems Research Program

GRANTS FROM THE U.S. DEPARTMENT OF AGRICULTURE

FOOD FOR PROGRESS PROGRAM

- Applications due August 2012
- <http://www.grants.gov/search/search.do;jsessionid=pT9IPgtTJHPdg3P0qWnSqJMy0KPVwT11vwJL5WLM2Q1JLz22gY9B!-1255049606?oppId=169193&mode=VIEW>
- Active programs in Georgia and Armenia but all CIS scientists are eligible to apply
- Goals include increasing agricultural productivity and expanding agricultural trade