

Research Newsletter

OFFICE OF THE PROVOST-RESEARCH ADMINISTRATION
QUARTERLY NEWSLETTER

SMG students win prizes at MINEX Central Asia Forum

BY DARIGA TUKAYEVA

Students of the NU School of Mining and Geosciences successfully participated in the 9th MINEX Central Asia Mining and Exploration Forum on April 17-19, 2018 in Astana.

MINEX Forum Central Asia was established in 2010 as one of the largest and most authoritative international events providing industry-wide discussion platform on mineral exploration and mining in different countries. For the past eight years, the Forum has been playing a significant role in promoting investment, technological and business partnerships as well as facilitating international dialogue between governments, mining companies, service providers, equipment producers and investors.

In the 9th MINEX Central Asia Mining and Exploration Forum there were two formats of competition that the School of Mining and Geosciences of Nazarbayev University decided to participate in and compete with some other universities. This decision was made after peer-reviewing selection process of students by the School Faculty members that resulted in selection of eight master students of the Mining Engineering Program.

In the section "From Innovation to Implementation", Nurassyl Battalgazy won the prize for the best presentation of the topic "Application of Geostatistical Co-Simulation for further Mine Optimization and Production Planning Processes. The objective of this



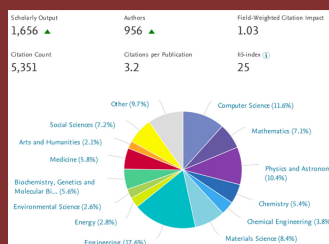
AWARDS

NU students win prizes at International event



NEWS

Research news of NU Schools and NLA



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GRANTS

70+ international funding opportunities that NU faculty may apply for



competition was to propose innovative solutions and technologies for implementation at mining enterprise. In his presentation, Nurassyl proposed an enhanced technique for 3D spatial modeling of Geo-related variables in multi-element ore deposits to making better decisions in further process of mine planning and optimization, for which it is highly demanded by mining industries. In the section "Case competition", Nazarbayev University team, including Nurassyl Battalgazy, Yerkezhan Madenova, Meirikhan Zhalel, Abusaadi Karzhau and Anuar Tazabekov, won the first place prize for giving the solutions to the mining case study presented by mining companies.

These prizes are really valuable assets for the School of Mining and Geosciences. The students also demonstrated excellent analytical and problem-solving skills during these challenging competitions.

Congratulations to everyone for their good work and cooperation and good luck to all our students!

School of Humanities & Social Sciences

News

SHARED BY DR. ANDREY FILCHENKO

In this issue of the Newsletter we would like to share with you the most recent achievements of the faculty of the Department of Economics.

SMALL RESEARCH GRANTS

1) PI: Giulio Seccia; Co-investigators: Berk Yavuzoglu and Prof. Mateos-Planas (Queen Mary University London)

Title: The Role of Trade Credit in Bankruptcy and Business Fluctuations

Abstract: Trade credit occurs between firms supplying inputs and firms purchasing those inputs on the promise of a delayed payment. In this project we set out to investigate quantitatively the determinants of trade credit delinquency, its interactions with bankruptcy, and its consequences for macroeconomic variables and the business cycle. More specifically, we seek to assess quantitatively the contribution of trade-credit delinquency to observed fluctuations in GDP and employment, and its association with firm bankruptcy risk and external financial conditions for firms, including spreads and credit constraints.

2) PI: Joep Konings; Co-investigators: Galiya Sagyndykova and In Kyung Kim

Title: Granular Origins of Macro Economic Fluctuations

Abstract: This research project wants to provide a new and different approach to analyze macroeconomic performance, by recognizing that heterogeneous behavior of the underlying micro economic parts provide important new insights about the channels of macroeconomic fluctuations. A key novelty of this program is that the approach we follow is structured along the micro data sets that have been and are being developed recently. As such, we aim to identify

the 'DNA' of the Kazakh economy and extend the work that was started in Duparcq and Konings (2016), which developed an 'enterprise map for Kazakhstan'.

NEW PUBLICATIONS

Okan Yilankaya:

1. "Equilibria in Second-Price Auctions with Private Participation Costs" *Economic Theory*, Vol. 65, March 2018 (with X. Cao, G. Tan and G. Tian)
2. "Resale in Second-Price Auctions with Costly Participation" *International Journal of Industrial Organization*, Vol. 54, September 2017 (with G. Celik)

Joep Konings

1. "Local High-Tech Job Multipliers in Europe" CEPR discussion paper DP12868, April 2018 (with Maarten Goos, Marieke Vandeweyer)

PROJECTS COMPLETED

1. Macroeconomic effects of health policy reforms in Kazakhstan (collaboration with LSE Health). Grant received from the British Council. Date of completion: March 2018
2. Applied Models for Transboundary Water Resources and Carbon Emission Reduction. Grant received from the Ministry of Education and Science. Date of completion: December 2017.

VISITORS

1. Dr. Zlatko Nikoloski, Assistant Professorial Research Fellow, LSE Health
2. Dr. Matthew Skellern, Research Fellow, LSE Health
3. Dr. Eleonora Fichera, Senior Lecturer, University of Bath

FACULTY VISITS

1. Joep Konings is the keynote speaker on the

13th ISGEP workshop (September 21-22). ISGEP stands for 'international study group on exports and productivity'.

2. Dana Bazarkulova, Sandugash Juatova, Zhanna Kapsalyamova visited LSE Health in February 2018 and presented their preliminary research findings at the LSE Health Seminar.

WORKSHOP

1. Dana Bazarkulova and Zhanna Kapsalyamova organized a workshop "Reframing Healthcare Policy in Kazakhstan: Demand and Supply-Side Perspectives", organized jointly with the LSE Health.

Dates of the workshop: 26-27 March, 2018

Venue: Nazarbayev University

Invited speakers include partners from UK (LSE Health) and representatives of the Social Health Insurance Fund, Republican Center for Health Development, Kazakh University of Medical Continuous Education, etc.

BY PROF. PHILIPPE FORET

Philippe Forêt (HPRS, SHSS) was this spring a Benjamin Meaker visiting professor at the Institute for Advanced Studies of the University of Bristol, a returning fellow at the Rachel Carson Center for Environment and Society of the Ludwig-

Maximilians University of Munich, and a visiting professor at the Environmental Humanities laboratory of Stockholm University. He has discussed the enlargement of his research program on water and peace in Central Asia with these partners as well as with the University of Central Asia in Bishkek and the Aga Khan Development Network in Dushanbe. His articles in *_Environmental History_* (Oxford), the *_Annales de Géographie_* (Paris), and *_Gaia, Ecological Perspectives_* (Munich) will be published this summer. Philippe is currently writing in the National Archives of Sweden a book (that IB Tauris would publish in November 2019) on the testing in Iran of new theories on climate change. Olizane (Geneva) has prepared the second edition of his book on the Transhimalayas. The Institute for Advanced Studies of Aarhus has shortlisted his third book project *_A New History: How the Gentlemen of Science Fixed Climate Change. Perspectives from the Silk Road_*, for an AIAS-COFUND Senior Fellowship. The competition was particularly intense this year, with 232 applications for 15 slots. Since Philippe was ranked among the strongest applicants, he now on the Institute's waiting list, and would begin his residence before next February. For more information: <http://aias.au.dk/aias-fellowships/aias-cofund-fellowships/>

Graduate School of Business News

SHARED BY XENIYA AXT

Dr. Zhijian Cui's paper "Scoring VS Ranking: an Experimental Study of Idea Evaluation Processes" was accepted for publication in the *Production and Operations Management*.

Dr. Dmitry Khanin's paper "Predictors of Financial Performance: Small Family Firms Vs. Small Non-Family Firms" was accepted for publication in the *Journal of Small Business Strategy*.

Dr. Ona Akemu's paper, "Confronting the Digital: Doing Ethnography in Modern Organizational Settings" was accepted for publication in the *Organizational Research Methods (ORM)*

Dr. Cinzia Colapinto's new publication entitled "A stochastic dynamic multiobjective model for sustainable decision making" is available first online at springer.com

Dr. Ona's paper on entrepreneurial decision making "Effectual and Causal Decision Making: Shifts in the Product Development Cycle" has been accepted to the 5th Effectuation Conference to be held at the Darden School University of Virginia in June 2018. Dr. Ona's Fairphone case study won the European Case Center award in the Entrepreneurship category.

Graduate School of Education News

BY KAIRAT KURAKBAYEV

Nazarbayev University Graduate School of Education is delighted to share the news on their faculty members' participation in authoring the recently published book "25 Years of Transformations of Higher Education Systems in Post-Soviet Countries".

NUGSE Associate Professor Ali Ait Si Mhamed, Assistant Professor Dilrabo Jonbekova and Assistant Professor Rita Kasa were among the authors of the long-awaited volume. The book is unique in its purpose and content as it presents analytical representations of higher education developments in all the 15 republics of the former USSR.

One of the authors, Dr. Ait Si Mhamed, reflecting on his experience of working on the project, has shared with us that "it was a very valuable experience working in a large international comparative research project. This research fills an important gap about Post-Soviet higher education space".

The book is an excellent resource for students and faculty researching issues around higher education in the former Soviet republics. It is also a great resource for educational policy makers.

The book is in the open access and you may follow this link to get your free copy.
<https://www.springer.com/gp/book/9783319529790>

Graduate School of Public Policy News

SHARED BY MADINA LUKPANOVA

GSPP faculty members have recently published and presented their research findings. Below are the details.

1) Prof. Peter Howie gave two presentations in May:

1. "Research Ethics Committees: Their Importance in Building a Vibrant Research Community in Kazakhstan" that was presented at the 3rd Annual International Academic Integrity Conference in Astana on 18 May 2018. The research will be published in the conference proceedings.
2. (with Islam Salikhanov and Byron Crape) "Cost-Effectiveness of Breast Cancer Screening Program in the Republic of Kazakhstan" that was presented at the 23 Annual Conference of the International Society for Pharmacoeconomics and

Outcomes Research (ISPOR) in Baltimore, MD, USA, on 23 May 2018.

2) New GSPP Faculty member, Stefanos Xenarios, recently published a brief article in *Water Solutions*, <https://www.gwf-wasser.de/en/>. The reference to it is: Xenarios S, Shenhav R, Abdullaev I, Mastellari A (2018) Water Security in Central Asia: An Overview. *Water Solutions*, Issue 2, 2018 (in press)

3) Serik Orazgaliyev, Assistant Professor, published a paper on nationalisation in Kazakhstan's oil sector in the *Journal of Eurasian Studies*: <https://www.sciencedirect.com/science/article/pii/S1879366518300125>;
<https://doi.org/10.1016/j.euras.2018.06.001>

Gene Therapy for Cancer

BY NLA PRESS OFFICE

On June 12-13, 2018, researchers of National Laboratory Astana with the support of the "ALBIOGEN" Company (Moscow, Russia) gave lectures and practical sessions within the framework of "Targeted DNA sequencing from tumor tissues. AmpliSeq™ for Illumina Cancer Hotspot Panel v2" seminar.

Groups of employees of the Kazakh Scientific Research Institute of Oncology and Radiology (Almaty), and scientists from Russia and Belarus took part in the seminar.

The material for the practical stage of the seminar was paraffin blocks with samples of esophageal cancer tissues, thyroid cancer, etc. Participants in the master class worked on DNA isolation, DNA normalization, preparation and validation of

libraries for targeted sequencing, sequencing on the MiSeq platform, as well as launch evaluation and analysis of the data.

It is known that "ALBIOGEN" Company since 2015 is the exclusive (sole) official sales representative and distributor of "Illumina" company on the territory of Russia, Belarus, Kazakhstan and Uzbekistan. The company's goal is to provide customers with full access to advanced "Illumina" technologies and services, including advanced NGS systems and DNA-biochip analysis, software for bioinformatics and a full range of reagents. The newest products of "Illumina" created together with the world's leading scientists allow to study the genome at a very deep level and provide an opportunity for innovative achievements in science, medicine and consumer genomics.



European Research Council Grant Call

SHARED BY PROF. PHILIPPE FORET

The European Research Council Advanced Grants support ground-breaking and ambitious research with a budget of 2.5 mio Euro (in certain circumstances 3.5 mio Euro) for up to 5 years. ERC projects are led by Principal Investigators who have a track record of research achievements. Proposals are assessed on the basis of excellence and originality only.

You will find more information in:

- ERC Work Programme 2018:

http://ec.europa.eu/research/participants/data/ref/h2020/wp/2018_2020/erc/h2020-wp18-erc_en.pdf

- The call-specific Information for Applicants:

http://ec.europa.eu/research/participants/data/ref/h2020/other/guides_for_applicants/h2020-guide18-erc-adg_en.pdf

You may have access to the templates you need only after you register on the Participant Portal:

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/calls/erc-2018-adg.html#c.topics=callIdentifier/t/ERC-2018-ADG/1/1/1/default-group&callStatus/t/Forthcoming/1/1/0/default-group&callStatus/t/Open/1/1/0/default-group&callStatus/t/Closed/1/1/0/default-group&+identifier/desc>

Please contact Philippe Forêt (HPRS, SHSS) if you need any help. The call closes on 30 August 2018.

MSCA Fellowship Information Event

SHARED BY PROF. PHILIPPE FORET

Our first Marie-Sklódowska-Curie Individual Fellowship Information Event will take place on July 23rd, 2018, from 10:00 to 12:00 am (exact room TBC).

MSC Individual Fellowships are fully financed by the European Commission. They fund Experienced Researchers who wish to progress in their careers and gain new skills through advanced training and international mobility.

The event will provide an overview of the funding scheme and application requirements to:

1. Eligible NU professors who wish to attract to their team postdoctoral researchers from abroad. To be eligible, postdoctoral researchers must comply with the MSC mobility rule.

2. Eligible postdoctoral researchers currently working at NU who comply with the mobility rule, and wish to pursue their academic career in an institution within the EU.

Please contact Philippe Forêt (HPRS, SHSS) if you have any questions.

Seed Funding UNIGE

SHARED BY DEPT. OF INTERNATIONAL COOPERATION

The University of Geneva in its role as Swiss Leading House for Science and Technology Cooperation for Russia and the "CIS region" is pleased to announce the launch of a Call for Seed Funding Grants with Azerbaijan, Armenia, Belarus, Georgia, Kazakhstan, Kyrgyzstan, Moldova, Mongolia, Tajikistan, Turkmenistan, Ukraine and Uzbekistan (abbreviated for simplicity as "CIS Region").

This Call is designed to provide seed funding for projects between academic stakeholders in

Switzerland and the partner countries, covering all scientific disciplines.

The application deadline is on 14 July, 2018.

For details of the Call and the online application form, please visit <http://sfg.unige-leadinghouse.ch/project-submission>.

If you want to receive Calls for Projects and other information from the UNIGE Leading House in the future, you may contact Gerd Rothenberg, Senior Advisor, International Affairs, University of Geneva, at gerd.rothenberg@unige.ch, +4122 379 85 88.

14th International Conference on Computability

SHARED BY DR. MANAT MUSTAFA

On 23-25 June 2019 the Fourteenth International Conference on Computability, Complexity, and Randomness (CCR 2019) will be held in Nazarbayev University hosted by the Department of Mathematics.

The conference series(CCR) is devoted to issues around algorithmic information theory, Kolmogorov complexity, and their relationship with computability theory, complexity theory, logic and reverse mathematics. The last 10-15 years has seen huge progress in the areas represented by CCR with two long monographs in the area, recognition at the International Congress of Mathematicians, and a thoroughly thriving research community.

The aim of the Conference is to gather researchers interested in computability theory and algorithmic randomness for exchanging ideas and for collaboration.

The conference will be co-located with The Sixteenth Asian Logic Conference which will be held at Nazarbayev University on 17-21 June 2019. For more information about the CCR Conference please follow the link below:
<http://www.ccr2019.info/>

For more information about the Asian Logic Conference please click on the link below:
<http://www.alc2019.kz/archives/588>

Call for Fellowship Applications

The Käte Hamburger Kolleg/Centre for Global Cooperation Research (KHK/GCR21) at the University of Duisburg-Essen invites applications for Research Fellowships in the period March 2019 – February 2020.

Proposals regarding 1) pathways and mechanisms of global cooperation and 2) global cooperation under conditions of polycentric governance are especially welcome.

The fully funded fellowships for up to 12 months are available to both senior and postdoctoral researchers across the humanities and social sciences.

Deadline for applications is 15th July 2018.

KHK/GCR21

The Centre for Global Cooperation Research at the University of Duisburg-Essen is one of ten Käte Hamburger Kollegs sponsored by the German Federal Ministry of Education and Research. Established in 2012, the Centre is an interdisciplinary and international learning community that seeks to enhance understanding of the possibilities and limits of global cooperation and to explore new options for global public policy. The working language at the Centre is English.

In its second funding period (2018-2023) the Centre's research and fellowships are organized around four broad themes: pathways and mechanisms of global cooperation; global cooperation and polycentric governance; critique, justification and legitimacy in global cooperation; and global cooperation among plural conceptions of world order. Empirical research on these themes will focus especially on the governance of climate change, the internet, migration, and peacebuilding. The Centre will issue thematic calls for application on an annual basis.

Fellowships 2019-2020

In the period March 2019–February 2020 we invite fellowship applications from across the humanities and social sciences (including

psychology, law and economics) in relation to the first two main themes, as further detailed in the full CfA. Preference is for fellowships of twelve months, but shorter periods will also be considered. We particularly encourage female researchers and scholars from the Global South to apply. Applications from scholars at risk are welcome.

Themes 2019-2020

The Centre's work in the first year of its second funding period will focus on the themes 'Pathways and Mechanisms of Global Cooperation' and 'Global Cooperation and Polycentric Governance'. We especially invite fellowship applications that address these themes, as described in the full CfA. In addition, empirical focus on climate change, digital spaces, migration, or peacebuilding is particularly welcome.

How to Apply

Applications (in English only) should include:

- cover letter
- concise research proposal (3-5 pages)
- CV
- list of publications
- text of one relevant publication

Please submit applications only online (see link below). Deadline for receipt of applications is 15th July 2018.

Please indicate in the cover letter your preferred start and end date of the fellowship.

For questions on this call, please contact Matthias Schuler (schuler@gcr21.uni-due.de).

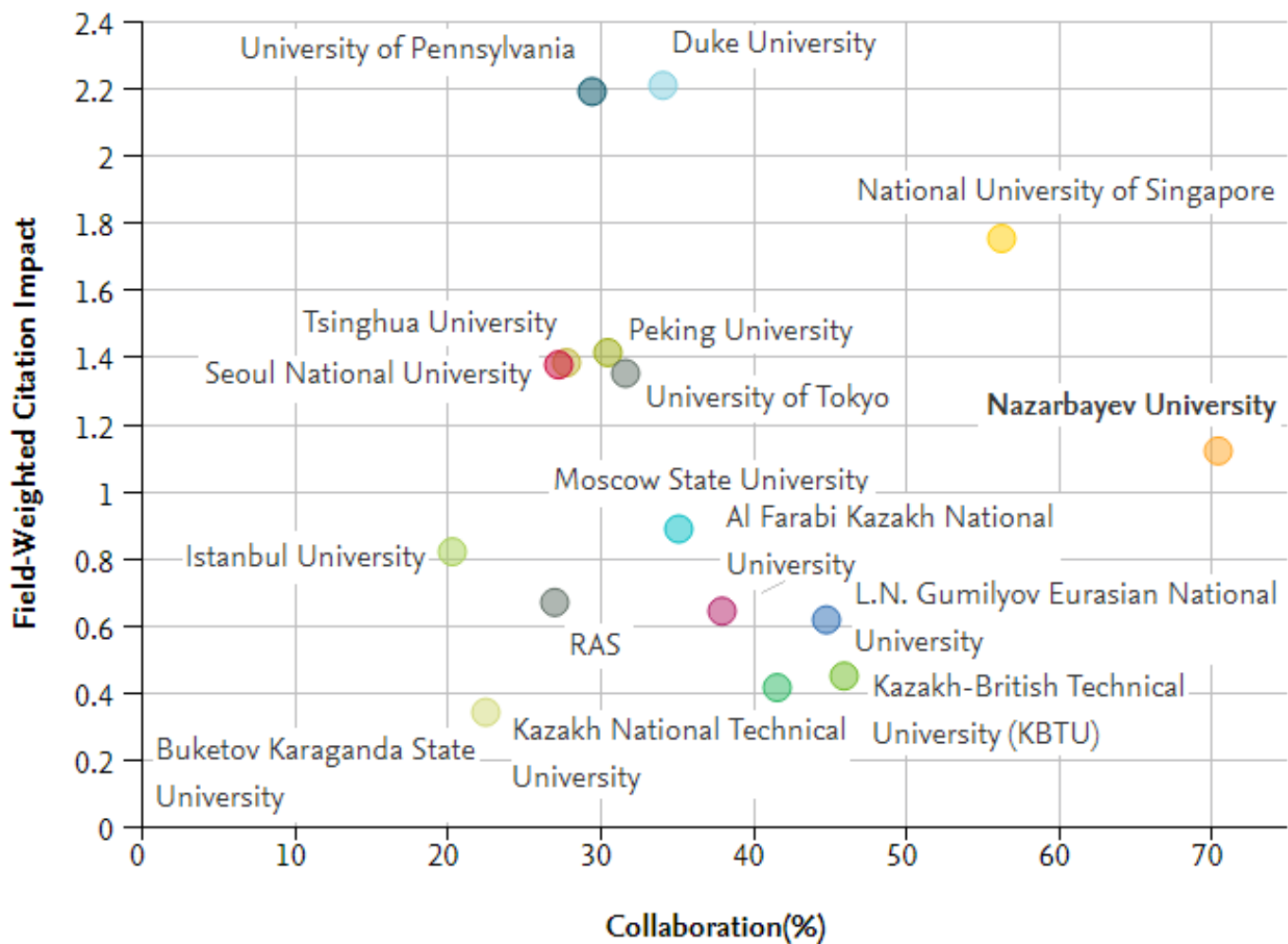
Full text of this

call: https://www.gcr21.org/fileadmin/website/date_n/pdf/Call_for_Application/UDE-KHK_CfA_Fellowships_2019.pdf

Fellowship application

form: <https://www.gcr21.org/en/fellows/how-to-become-a-fellow/application-form/> (available by mid May 2018)

Research Evaluation using SciVal



BY AIMAN UTEYEVA

In this month's issue, we are delighted to share an updated presentation on the research performance of Nazarbayev University using the SciVal research solution.

Since its inception in 2011, Nazarbayev University faculty and researchers have released 1,806 peer-reviewed publications indexed by Scopus, and have been cited 6,502 times (source: Scopus, June 14, 2018). The approximate number of citations per the peer-reviewed publication is 3.6.

In order to provide you with more comprehensive information on the NU's research performance, we prepared [a presentation](#) using SciVal research evaluation platform that is based on Scopus.

If you have any questions regarding the provided information, please contact Aiman Uteyeva (email address: aiman.temirova@nu.edu.kz).

Funding Opportunities

To see the funding opportunities shared in previous issues of the Research Newsletter, please [click here](#).

#	Program	Source	Award ceiling	Deadline	Direct Link
1	Strategic mobility 2018	Stiftelsen för Strategisk Forskning	Up to 1,500,000 SEK with total funding of 15,000,000 SEK	6 September, 2018, at 14.00	Link
2	Research projects	Calouste Gulbenkian Foundation	N/A	November 30th 2018	Link
3	Strategic Longer and Larger grants: Frontier bioscience	Biotechnology and Biological Sciences Research Council	Up to 2,000,000 GBP with total funding of 16,000,000 GBP	Letter of intent on June 22nd 2018	Link
4	Research Grants	British Society for Antimicrobial Chemotherapy	Up to 50,000 GBP	29-Nov-18	Link
5	Fulbright-Hays Doctoral Dissertation Research Abroad fellowship program	U.S. Department of Education	Up to 60,000 USD with total funding of 3,408,151 USD	July 2nd 2018	Link
6	Tuberous Sclerosis Complex Research Program: Idea Development Award	U.S. Department of Defense	Up to 450,000 USD with total funding of 2,880,000 USD	July 11th 2018	Link
7	Neurofibromatosis Research Program: Exploration – Hypothesis Development Award	U.S. Department of Defense	Up to 100,000 USD with total funding of 640,000 USD	July 26th 2018	Link

#	Program	Source	Award ceiling	Deadline	Direct Link
8	Animal health and production and animal products: Animal reproduction	U.S. Department of Agriculture	Up to 500,000 USD with total funding of 36,800,000	Letter of intent on July 25th 2018	Link
9	Food safety, nutrition, and health: Improving food quality	U.S. Department of Agriculture	Up to 500,000 USD with total funding of 26,200,000	Letter of intent on July 25th 2018	Link
10	Bioenergy, Natural Resources, and Environment (BNRE): Networks for synthesis, data sharing, and management	U.S. Department of Agriculture	Up to 500,000 USD with total funding of 21,700,000	Letter of intent on July 25th 2018	Link
11	Agriculture Systems and Technology (AST): Food and Agriculture Cyberinformatics Tools (FACT)	U.S. Department of Agriculture	Up to 1,000,000 USD with total funding of 19,500,000	July 25, 2018 (5:00 p.m. Eastern Time)	Link
12	Agriculture Economics and Rural Communities (AERC): Economics, markets and trade	U.S. Department of Agriculture	Up to 500,000 USD with total funding of 19,500,000	Letter of intent on July 25th 2018	Link
13	Global Issues – Integrating Different Perspectives on Social Inequality	Volkswagen Foundation	Up to 1,500,000 EUR	Letter of intent on October 30th 2018	Link
14	SBRI: smart waste tracking data collection, storage and reporting services	UK Innovation Funding Service	Up to £80,000	Wednesday 18 July 2018 12:00pm	Link

#	Program	Source	Award ceiling	Deadline	Direct Link
15	UK Research and Innovation strength in places fund	UK Innovation Funding Service	£50,000	Wednesday 25 July 2018 12:00pm	Link
16	Robotics and AI: inspect, maintain and repair in extreme environments	UK Innovation Funding Service	between £2 million and £6 million	Wednesday 11 July 2018 12:00pm	Link
17	Global Challenge Research Fund	Science & Technology Facilities Council	N/A	4pm on Tuesday 14 August 2018	Link
18	GCRF Highlight Notice for International Development: Follow on Funding for Impact and Engagement Scheme	Arts & Humanities Research Council	up to £100,000 (fEC)	25-Jul-18	Link
19	Ernest Rutherford Fellowship	Science & Technology Facilities Council	N/A	20-09-18 16:00	Link
20	21st Century Challenge Enabling Fund	Science & Technology Facilities Council	N/A	02-Oct-18	Link
21	Public Health Intervention Development Scheme (PHIND) - July 2018	UK Medical Research Council	up to £150K	12 Jul 2018 16:00 GMT+1	Link

#	Program	Source	Award ceiling	Deadline	Direct Link
22	Determining Functional Field Units in Complex Agricultural Systems	USAID	\$1,000,000	29-Jul-18	Link
23	Public Health Surveillance of Recent HIV Infection and Response under the President's Emergency Plan for AIDS Relief (PEPFAR)	Department of Health and Human Services. Centers for Disease	\$20,000,000	31-Jul-18	Link
24	USDA-PP-RMED-2018 Risk Management Education Partnership Program	Department of Agriculture Risk Management Education	\$4,160,000	Jul 30, 2018	Link
25	Sustainable E-Waste Management and Battery Technologies for the Off-Grid Solar Sector	USAID	\$1,800,000	Jul 15, 2018	Link
26	Cultural Anthropology Program Senior Research Awards	NSF	\$4,000,000	Aug 15, 2018	Link
27	Biosensing	NSF	\$7,600,000	22-Oct-18	Link
28	Environmental Sustainability	NSF	\$7,066,000	Oct 22, 2018	Link

#	Program	Source	Award ceiling	Deadline	Direct Link
29	USAID/Afghanistan Support for Higher Education	USAID	N/A	Jun 01, 2018	Link
30	Newborn Screening New Condition Implementation: Capacity Building and Quality Improvement through Data Harmonization	Department of Health and Human Services. Centers for Disease Control - NCEH	\$300,000	Jun 29, 2018	Link
31	Combinatorics	NSF	N/A	Sep 25, 2018	Link
32	Targeted Programmatic Support Across Countries to Fight HIV/AIDS, Tuberculosis, and Malaria under the Global Fund and the President's Emergency Plan for AIDS Relief (PEPFAR)	Department of Health and Human Services. Centers for Disease Control - CGH	N/A	Forecasted. Sep 29, 2018	Link
33	Coupling, Energetics, and Dynamics of Atmospheric Regions	NSF	\$125,000	Proposals accepted anytime	Link
34	Innovations in Graduate Education (IGE) Program	NSF	Total: \$4,000,000	Sep 27, 2018	Link
35	Manufacturing Machines and Equipment	NSF	\$300,000	Sep 17, 2018	Link

#	Program	Source	Award ceiling	Deadline	Direct Link
36	Strengthening implementation of anti-corruption standards in Europe	U.S. Department of State	Up to 400,000 USD with total funding of 400,000	August 6th 2018	Link
37	FTA: Small grants – Public participation in environmental protection	U.S. Department of State	Up to 500,000 USD with total funding of 500,000	July 18th 2018	Link
38	AGA-Boston Scientific Technology and Innovation Pilot Research Award	AGA Research Foundation	Up to 30,000 USD	September 8th 2018	Link
39	AGA-Takeda pharmaceuticals research scholar award in inflammatory bowel disease	AGA Research Foundation	Up to 90,000 USD with total funding of 270,000	December 15th 2018	Link
40	Plant health and production and plant products: Agricultural biosecurity coordination network	U.S. Department of Agriculture	Up to 1,000,000 USD with total funding of 43,900,000	Letter of intent on July 24th 2018	Link
41	Simons collaboration on the origins of life 2019 postdoctoral fellowships	Simons Foundation	Up to 62,000 USD	September 11th 2018	Link
42	M. Hildred Blewett fellowship	American Physical Society	Up to 45,000 USD	June 1st 2019	Link

#	Program	Source	Award ceiling	Deadline	Direct Link
43	Between Europe and the Orient – A Focus on Research and Higher Education in/on Central Asia and the Caucasus	Volkswagen Foundation	N/A	N/A	Link
44	Central Asia	Christensen Fund	N/A	August 31st 2018	Link
45	Design Hub: Information for Central Asia	U.S. Department of State	Up to 1,200,000 USD with total funding of 2,400,000 USD	July 20th 2018	Link
46	2018-2019 Fellowship program - Jewish life in modern islamic contexts	Herbert D. Katz Center for Advanced Judaic Studies, University of Pennsylvania	N/A	N/A	Link
47	Kazakhstan, Open study/research awards	Institute of International Education	N/A	October 9th 2018	Link
48	South and Central Asia regional research program	Council for International Exchange of Scholars	Up to 10,720 USD	August 1st 2018	Link
49	Lunar and planetary science: Planetary seismology	National Aeronautics and Space Administration	Up to 60,000 USD	July 1st 2018	Link
50	Documenting Endangered Languages - Doctoral Dissertation Research Improvement Grants (DEL-DDRIG) - Data, infrastructure and computational methods	NSF	Up to 15,000 USD with total funding of 250,000 USD	Deadline not specified	Link

#	Program	Source	Award ceiling	Deadline	Direct Link
51	Guest faculty research participation program	U.S. Department of Energy	N/A	N/A	Link
52	Biomarkers discovery in Parkinsonism	National Institutes of Health	N/A	N/A	Link
53	Emerging issues in science, technology, and public policy	Belfer Center for Science and International Affairs, Harvard University	N/A	N/A	Link
54	ISID/ESCMID Fellowship program	International Society for Infectious Diseases	Up to 7,500 USD	April 1st 2019	Link
55	2018-2019 CSDP Fellowships	Center for the Study of Democratic Politics, Princeton	N/A	N/A	Link
56	Nutrition innovations in complex environments	USAID	N/A	May 2nd 2019	Link
57	Symposia and Summer Schools: Summer Schools	Volkswagen Foundation	N/A	Ongoing	Link
58	Opus Magnum	Volkswagen Foundation	Up to 180,000 EUR	February 1st 2019	Link

#	Program	Source	Award ceiling	Deadline	Direct Link
59	Application of novel processing technologies for improved control, efficiency and quality of milk products	Teagasc	Up to 22,000 EUR	July 20th 2018	Link
60	Major Research Instrumentation program (MRI) instrument acquisition or development	NSF	Up to 4,000,000 USD with total funding of 75,000,000 USD	January 22nd 2019	Link
61	Postdoctoral research associate in the areas of atomic frequency standards, clocks and sensors	National Aeronautics and Space Administration	N/A	N/A	Link
62	Research Coordination Networks in Undergraduate Biology Education (RCN-UBE)	NSF	N/A	Up to 500,000 USD with total funding of 3,500,000 USD	Link
63	Plant Genome Research Program (PGRP)	NSF	Up to 15,000,000 USD with total funding of 15,000,000 USD	N/A	Link
64	Ecology and Evolution of Infectious Diseases (EEID)	NSF	Up to 5,000,000 USD with total funding of 13,500,000 USD	November 21st 2018	Link
65	Blockchain-EICPrize-2019: EIC Horizon prize for 'blockchains for social good'	Horizon 2020 Framework Programme	Total funding 5,000,000 EUR	September 3rd 2019	Link
66	Rotary peace fellowships: Professional development certificate	Rotary Foundation	N/A	N/A	Link

#	Program	Source	Award ceiling	Deadline	Direct Link
67	Molecular biology research in aging and age-related health disparities	NIH	N/A	September 30th 2018	Link
68	2-Photon imaging and holographic optical stimulation in behaving mice	NIH	N/A	N/A	Link
69	Electromechanical modeling and design of MEMS resonant gyroscopes and PiezoMEMS tunable RF passives	Oak Ridge Associated Universities	N/A	April 30th 2019	Link
70	Visiting Professorships	Leverhulme Trust	Up to 150,000 GBP	October 11th 2018	Link