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**Cyber-Security:**
- Systems Security (including networks, mobile systems, web systems, cloud, OS, storage and firmware);
- hardware and embedded systems; cryptography and cryptanalysis;
- applied multiparty computation; applications

**Ariel Cyber Innovation Center**

Call for Cyber-Security Research Proposals
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**Reminder:**

- Autism spectrum disorders: basic and clinical research
- Eye movement desensitization and reprocessing (EMDR) research; EMDR therapy for treating anxiety, depression, military PTSD, phantom limb pain; recovery enhancement of cardiac events; diagnosis and treatment of cancer; use of EMDR in natural or man-made disaster responses; use of EMDR in connection to addictions, eating disorders, dissociative disorders, suicide prevention or impact, other medical/somatic conditions.
Finding cure for the diseases of aging: application of regenerative medicines

SENS Research Foundation
Research Grants

** Reminder **

** hodout Rashot hamakhker**

- Uriyot ha'ezahot Makhker B'angliyit Lekorot Hezionit

** hodout rashot lashonot**

- Mesolot ha'hovot Yi'ad Akademiyim

Mesolot ha'Mutmarim Makhker Yi'sumi B'gul ha'hivnot Tkonolagit Shadanim Shimkot Ba'odka Alumini Ve'hovat Le'shalo

Ha'beret Meshtorit Teshuyut Yisraelit Atamim Ve'hovat Be'motza Le'hovat Motza. Le'hovat Le'hovim ha'rashtoim

Orashonim Be'irin Shel Iyfum Ha'teshuyat, Ve'hovat Orashot Yiratzot Li'tziv Yamim Betashvim Yisraelit Lo'ekimot

Ur' Mofset Botza Le'gal Ha'mishak.

** Texitvim:**

- Mesol Makhker La'al Liyot Tegenit: T'minot Shel 75% Ve'85% Muteksher Ha'mishakor

- Ba'Hot Ha'Merav Shel 440,000 She'va She'noseh Gevir Mesol Makhker Botza

- Ba'Hot Ha'Merav Shel 660,000 She'va She'noseh Le'shet 80 Muteksher Makhker

- Mesol Makhker Ba'al Liyot Tegenit: Mu'nek Shel 80% Ve'90% Muteksher Ha'mishakor

- Ba'Hot Ha'Merav Shel 550,000 She'va She'noseh Gevir Mesol Makhker Botza
The Ariel Cyber Innovation Center has set its main goals to be the promotion of world-class cyber security research at Ariel University and the development and promotion of world-wide leading cyber security researchers.

With these goals at hand, the Ariel Cyber Innovation Center is soliciting proposals for funding research projects in cyber security. The emphasis will be on innovative and forward-looking research that may assist in establishing the Ariel Cyber Innovation Center as a world leader in cyber security research.
The call is open to all the active academic staff at Ariel University as well as to external researchers who wish to be part of the Ariel Cyber Innovation Center.

**Research Fields:** Possible research topics include (but are not limited to):

- Systems security (including network security, mobile systems security, web systems security, cloud security, OS security, storage security, and firmware security)
- Hardware and embedded systems security
- Cybersecurity oriented cryptography and cryptanalysis
- Applied multiparty computation
- Applications of artificial intelligence and related fields (such as machine learning, natural language processing, or decision making) to cyber security (including applications such as vulnerability testing, detection of anomalous behavior or of malware, adversarial machine learning, privacy, etc.)
- Security analysis and security measurements (such as measurement of fraud, malware, spam, resiliency, or human behavior)
- Security of cyber-physical systems, national infrastructures, and the Internet of Things
- Human interaction and usability aspects of cyber security
- Privacy and personal data in cyberspace

There are three types of research grants: regular, exploratory and travel. Proposals should clearly state the track they apply for, and the duration of the proposed research.

1. **Regular Research Grants (RRG):**

   These are regular research grants, 3 years in duration.

   - The committee will be inclined to favor proposals that present some type of collaboration, such as, international collaborations with foreign research groups, employments of foreign research students or postdoctoral researchers, and hosting a visiting scientists from abroad.

   - The scientific committee will place particular importance on novelty, methodology and suitable for publication at a top-tier scientific venues.

This RFP requires submission of a LOI. A selected few of the submitted proposals will advance to a second stage, and submit a full proposal.
2. **Exploratory Research Grants (ERG):**

   Short term programs – for up to 1 year in duration.

   These proposals should identify a relevant subtopic for obtaining the required knowledge and personnel for designing a research program in this subtopic.

   This program requires one stage submission only.

   **Deadline: 15.5.19**

3. **Travel Proposals (TP):**

   These proposals are for short and long term visits overseas.

   - A short-term visit can be to one of the top security conferences (IEEE S&P, ACM CCS, and Usenix Security), or to a top security lab.

   - A long-term visit can be to a top security lab, and can include a summer internship, semester overseas, and so on up to 4 months.

   Travel proposals can be submitted **at any time** (at least 6 weeks prior to travel), and should consist of a single page. There is no second stage for travel proposals.

   **Deadline: Rolling**

**Budget:** Funding will be based on the regulations of the Center and can be used for supporting graduate students, post-doctoral fellows, academic visitors and research assistants. Funding can also be used for travel, literature, and equipment.

The amount of funding will be comparable to that of ISF grants. The supported personnel can either be working in Ariel University, or work externally.

- An individual researcher can be a PI in at most two proposals (not including travel proposals).
For any additional information or inquiries regarding this call for proposals, please send a message to acic@ariel.ac.il.

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The Austrian Science Fund
Ministry of Science and Technology of Israel (MOST)

The First Austrian-Israeli Scientific Research Program
Call for Joint Project Proposals
For the Years 2020-2023

Within the framework of the Austrian-Israeli scientific cooperation, the Austrian Science Fund (FWF) and the Ministry of Science and Technology of the State of Israel (MOST) are glad to invite researchers and scientists to submit joint proposals for research projects carried out by scientists from both countries.

**Research Fields: Areas of Cooperation:**

1. Genetics’ and Epigenetics’ Contribution to Human Health
2. Heritage Science - Cultural and Natural Heritage

**Budget and Period:** The total maximum funding for an individual project on the Israeli side will be up to € 150,000, for a period of three years.

Funding for the approved projects depends on the availability of funds and the approval of the Israel State Budget and FWF Board.
Extreme weather events appear to be more commonplace and have the potential to disrupt all types of water services. The Water Research Foundation solicits research project proposals with the following objectives:

- To develop a synthesized, easy-to-use pocket guide for enhancement of wastewater and stormwater utility resilience to extreme weather and climate events by focusing on proactive risk assessment and management of flooding due to extreme rainfall;

- To build on the previous WRF projects Water/Wastewater Utilities and Extreme Climate and Weather Events (WERF et al. 2014) and Water Quality Impacts of Extreme Weather-Related Events (Stanford et al. 2014) by reflecting the latest trends and best practices, including technological advances on proactive wet weather and flood management;

- To connect with the WRF project Managing Heavy Precipitation, Water Quality, and Flooding in Urban Environments: An Urban Stormwater and Wastewater Planning Workshop.
Research Fields: Example issues of interest include:

- Different flood types with regional variations
- Evaluation of factors that, in practice, affect varying wet weather goals
- Institutional issues on flood management

Please see the Call for Proposals document for more details.

Budget and Period: Up to $75,000

WRF funds requested and total project value will be criteria considered in the proposal selection process.

The proposed project schedule should be realistic, allowing ample time for the preparation of final reports and for review of project results. It is WRF’s policy to negotiate a reasonable schedule for each research project.

RA Deadline: 21.5.19
Deadline: 4.6.19 (2pm MT)

Expanding the Use of Wastewater Epidemiology Tools to Improve Water Quality, Identify Service Populations under Stress, and Promote One Water Goals for a Thriving City (RFP #4972)

As the water/wastewater sector moves towards a One Water approach, utilities are engaging in “silobusting examples of integrated and inclusive approaches to water” management and services (US Water Alliance, 2016), all while seeking to simultaneously meet social, economic, environmental, public health, and resiliency goals.

Wastewater-based epidemiology is a fast growing and innovative approach that provides important information for utilities or health organizations on water quality and source control issues. It can also be used to estimate drug use in stressed service areas, exploring potential for the wastewater sector to inform community health programs.

Project Objectives:

- To advance our understanding of and the use of existing wastewater epidemiology tools within the context of recent drug use and abuse crises in service areas of various utilities in the U.S.
• To identify specific opioid compounds of interest (e.g., hydrocodone, tramadol, oxycodone, methadone, codeine, dihydrocodeine, nicocodeine) and build upon existing surveillance and monitoring systems with feedback loops to improve water quality and social outcomes.

• To leverage data and water quality controls in the wastewater sector to help cities achieve the interrelated goals of One Water management (environmental, social, and economic).

**Budget and Period:** Up to $200,000. WRF funds requested and total project value will be criteria considered in the proposal selection process. This project requires at least a 25% in-kind match from the Principal Investigator and/or partners.

**RA Deadline:** 21.5.19

**Deadline:** 4.6.19 (2pm MT)

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**Call for Proposals**  [Web Page]  [Back to Table]
The Autism Science Foundation invites applications for its Research Accelerator Grants. These grants are designed to expand the scope, speed the progress or increase the efficiency and improve final product dissemination of active autism research grants.

- The PI of the Accelerator Grant does not have to be the PI of the parent grant.

**Research Fields:** Basic and clinical research relevant to autism spectrum disorders.

**Budget and Period:** Up to $5,000

- The grant is intended to enhance, expand and enrich grants currently funded by other sources (including ASF). Staff salary may be covered by this award. All projects must have prior IRB approval.

- The term of the award cannot exceed the IRB approval period on the underlying or primary grant.

**RA Deadline:** 24.5.19

**Deadline:** 7.6.19
Eye Movement Desensitization and Reprocessing (EMDR) is an integrative psychotherapy approach that has been extensively researched and proven effective for the treatment of trauma. EMDR therapy includes a set of standardized protocols that incorporates elements from many different treatment approaches.

The EMDR Foundation offers research grants, awarded to university faculty, post-doctoral students or clinicians conducting research on EMDR.

** Eligibility Requirements:**

- The researcher should have a doctorate in social work, psychology, nursing or a related field, who is affiliated with a college, university, or research institution.
- Practitioners/clinicians who possess relevant research experience are also encouraged to apply. Collaborative partnerships between researchers affiliated with a college, university, or research institution and practitioners/clinicians with expertise in EMDR are encouraged and preferred.

**Research Fields: Priority Areas:**

- **1st Priority: Advancing Evidence Based Practice:**
  Increase the availability of quality EMDR research in areas where the foundation already has a foot-hold in the literature but where more evidence is needed.

Specifically, those areas are in the use of EMDR therapy to treat:

- Anxiety
- Depression
- Military PTSD
- Phantom Limb Pain
- To enhance recovery from the impact of cardiac events and the diagnosis and treatment of cancer
• **2nd Priority: Addressing the Global Burden of Trauma:**
  Investigate the use of EMDR in natural or man-made disaster responses, by determining the effectiveness of the following protocols: early intervention protocols, the child or adult group protocols, or the use of EMDR standard protocols in disaster response.

• **3rd Priority – Building Clinical Evidence:**
  There are a number of areas where EMDR therapy is being used, clinical observations are positive, and there are some research indicators of success. However, more research is needed to build a body of literature in these populations or diagnostic categories, including but not limited to:
  o Addictions
  o Eating disorders
  o Dissociative disorders
  o Additional medical/somatic conditions
  o Suicide prevention and/or to address the impact of suicide

These priorities apply to research across the lifespan, so that a study might address, for example, adolescent addiction, or geriatric depression.

**Budget and Period:** Up to $25,000

**RA Deadline:** 17.6.19
**Deadline:** 1.7.19
damage to the body's tissues, cells, and molecules. The goal of the foundation is to help build the industry that will cure the diseases of aging.

**Research Fields:** The proposals should clearly delineate the specific SENS target to which the proposal relates, and how the proposal would further progress toward developing therapies that remove, repair, replace, or render harmless that target.

**Budget and Period:** Budget and time limits not specified. Estimated budget should be specified in the LOI.

**RDA Deadline (LOI and Full by invitation):** 18.7.19

**Deadline (LOI and Full by invitation):** 1.8.19

- The deadlines for LOI and Full grant submission through the year are: 1.2.19 and 1.8.19. For the following year - 1.2.20 and 1.8.20. Invited participants will have one year (or two submission deadlines) to submit a full grant proposal.

- The RDC may in some cases attempt to review letters of intent sent well in advance of the deadline in time to allow full grant submissions by the deadline.

**Call for Proposals**  
**About the Foundation**  
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**הודעות רשות המחקר**  

حبיק סגל יקרים,

לשם ולכב, מספר הודות מתעמל רשות המחקר:

**שערכו את הצעות המתחק בביצוע הקרן**:

החוקים שברכososם להגיא הצעות המחק בברוקוליט لكل ח обслужива, יוכלו להגיש בקשו להקובה מדעייה לוגר של הרשות המחקר ופיתוח, "ד"ר מיכאל מעוז".  

לוער של הבקשה של风水יה ופיתוח, ד"ר מיכאל מעוז.

את הבקשה של的房子 דר הפורטלאי. בקשון בכל קומיו וברחביו שליטה עלに向けて וברחביו שליטה.  

שמימל, על ההעשות ולהגיש מוכנות綦נרות מברוקוליט החום של הקרן וברחביו.

בחקה טבולה

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**קרנות מתערכנות בברוקוליט קולות פאוסים**
אפשקריות ייצוג - קרנות פנימיות

آخر הרשויות המתקי

הנחיות לכלל

- הצעת מחקר יש להעביר לרשויות המחקראופנה בינ"ל:alonaba@ariel.ac.il 03-9371402
- במקלים בוורמחירים מימון משולימים ישلام את טופס בקשה לימון משולימיםולחזר בו צדדים.
alonaba@ariel.ac.il: לאחר מכן יש לשולח את כתובת האימייל:

במידה ואינכם מעוניינים בבבלט עדכונות מרשויות המחקר, אנא השיבו לד"ר זה.