



**Karolinska  
Institutet**

# **Funding Opportunities for International Collaboration**

**Karolinska Institutet Grants Office**

**Mayo Clinic Strategic Funding Office**

**Cecillia Björkdahl and Christine Chang – Karolinska Institutet**

**Jon Zurn – Mayo Clinic**

**EDUCATION, RESEARCH & INNOVATION PLATFORM**



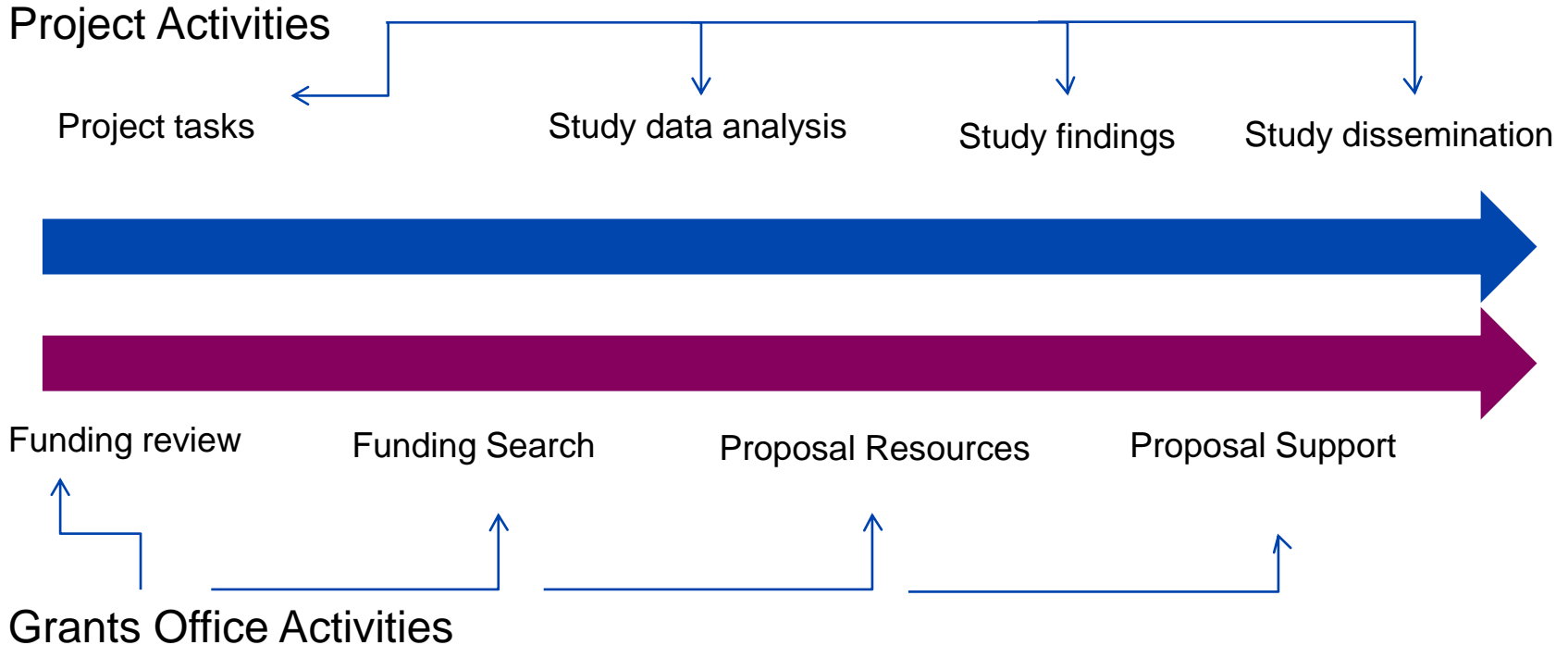
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## **Mayo – KI Collaborative Goal**

### **Advance research projects by facilitating extramural funding**

- Funding consult: determine funding needs
- Funding search: identify suitable funding sources—at the right time
- Informational updates: regular, timely information about government and foundation grants, rule changes, new sources of funds.
- Online resources: proposal samples, templates, timelines
- Liaison with funding personnel
- Proposal support: guidance and navigation on external and internal processes

# Mayo – KI Support Track



**Parallel tracks:** How to conduct the current research and plan for approaching the next stage

# National Institutes of Health

## Participation Criteria: Most awards are open

- NIH Policy (Chapter 16): If the Funding Opportunity Announcement (FOA) allows foreign institutions to apply, international organizations may apply.
- Foreign institutions and international organizations are not eligible to apply for Kirschstein-NRSA institutional research training grants, program project grants, center grants, resource grants, SBIR/STTR grants, or construction grants. However, some activity codes, such as NRSA, program project grants (P01), and certain others may support projects awarded to a domestic institution with a foreign component.

# National Institutes of Health



## Criteria: Justification for collaboration

- Whether the project presents special opportunities for furthering research programs through the use of unusual talent, resources, populations, or environmental conditions in other countries that are not readily available in the United States or that augment existing U.S. resources.
- Whether the proposed project has specific relevance to the mission and objectives of the IC and has the potential for significantly advancing the health sciences in the United States.

# National Institutes of Health



- **Foreign Component:** “The performance of any significant scientific element or segment of a project outside of the United States, either by the grantee or by a researcher employed by a foreign organization, whether or not grant funds are expended.”
- **Foreign Institutions Collaborating with a U.S. Institution:** “In general, the NIH allows foreign institutions to apply for grants that include consortia or subcontracts with U.S. institutions, and it also allows U.S. institutions to apply for grants that include foreign consortia or subcontracts.”
- **General Considerations for Domestic Grants with Foreign Components:** “Applications require Council approval but are not presented as a special issue.”

# National Institutes of Health



## Selected Dedicated Institute/Center Programs that Promote International Collaboration

- [NHLBI: Global Alliance for Chronic Disease](#)  
Partnerships between developed and low-/middle-income nations
- [NIDDK: International Awards](#)  
Fellowships open to visiting research and clinical fellows
- [NIDA: International Awards](#)  
Research Programs in Tobacco, AIDS/HIV, International Research Collaboration on Drug Abuse and Addiction Research
- [NIA: Regional and International Differences in Health and Longevity at Older Ages](#)

Collaborative opportunities using Research mechanisms.

# Search NIH Funding



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POLICY & COMPLIANCE

NEWS & EVENTS

## Find Funding

NIH Guide for Grants and Contracts

The NIH Guide for Grants and Contracts is NIH's official publication of notices of grant policies, guidelines and funding opportunity announcements (FOAs).

We publish daily and issue a table of contents weekly. Learn more about the NIH Guide and subscribe to receive updates today!

### Organizations

- Issuing Only
- All
- AHRQ
- CDC
- FDA
- FIC
- NCATS
- NCCIH
- NCI
- NEI
- NHGRI
- NHLBI
- NIA

### Activity Code

- All
- ADMIN SUPP
- D43

Active FOAs

international collaboration

Search

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Results Per Page

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Title	FOA Number	Organization	Release Date	Expiration Date
Research on biopsychosocial factors of social connectedness and isolation on health, wellbeing, illness, and recovery (R01 Clinical Trials Not Allowed)	PAR-19-373	OPPNET	Sep 18, 2019	Mar 17, 2021
Research on biopsychosocial factors of social connectedness and isolation on health, wellbeing, illness, and recovery (R01 Basic Experimental Studies with Humans Required)	PAR-19-384	OPPNET	Sep 18, 2019	Mar 17, 2021
Innovative Programs to Enhance Research Training (IPERT) (R25 - Independent Clinical Trial Not Allowed)	PAR-19-383	NIGMS	Sep 17, 2019	Oct 15, 2021
Cancer Intervention and Surveillance Modeling Network (CISNET) (U01 Clinical Trial Not Allowed)	RFA-CA-19-054	NCI	Sep 17, 2019	Dec 10, 2019



# KI Reimbursement rates



PI must co-finance all overheads from other source (statsanslag)

NIH provides for 8% indirect costs covering compliance and audits

- In exchange, NIH grants are not subject to central indirect costs which are reimbursed in "resursfördelningen" the following year

Reimbursement level is affected by department's share of KI central indirect cost

Financing of departmental overheads is still required

# Additional Rules for Applications



Payments made in U.S. dollars

Salary and fringe must be separated

All NIH patient and animal protection rules must be addressed

Mayo Clinic 10-Day internal deadline (as prime), 5-day for subsites

Karolinska 4-week internal deadline (as prime), 5-day for subsites

# Congressionally Directed Medical Research Program

**Congressionally Directed Medical Research Programs (CDMRP)** manages Congressional Special Interest Medical Research Programs (CSI).

- FY19 Budget: ~\$900 M

## **Core Research Programs:**

- **Parkinson's** Research Program - \$16 M
- **Peer Reviewed Alzheimer's** Research Program - \$15 M
- **Peer Reviewed Cancer** Research Program (15 Topics) - \$90 M
- **Peer Reviewed Medical** Research Program (49 Topics) - \$350 M
- **Peer Reviewed Orthopaedic** Research Program - \$30 M



# CDMRP FY19 Program Funds

CDMRP Program	FY19 Appropriation (\$M)
Alcohol and Substance Abuse	\$4.0
Amyotrophic Lateral Sclerosis	\$10.0
Autism	\$7.5
Bone Marrow Failure	\$3.0
Breast Cancer	\$130.0
Chronic Pain Management*	\$10.0
Combat Readiness*	\$15.0
Duchenne Muscular Dystrophy	\$3.2
Epilepsy	\$7.5
Gulf War Illness	\$22.0
Hearing Restoration	\$10.0
Kidney Cancer	\$20.0
Joint Warfighter Medical	\$50.0
Lung Cancer	\$14.0
Lupus	\$5.0
Melanoma*	\$10.0

CDMRP Program	FY19 Appropriation (\$M)
Military Burn	\$8.0
Multiple Sclerosis	\$6.0
Neurofibromatosis	\$15.0
Orthotics and Prosthetics Outcomes	\$10.0
Ovarian Cancer	\$20.0
Parkinson's	\$16.0
Peer Reviewed Alzheimer's	\$15.0
Peer Reviewed Cancer (15 Topics)	\$90.0
Peer Reviewed Medical (49 Topics)	\$350.0
Peer Reviewed Orthopedic	\$30.0
Prostate Cancer	\$100.0
Reconstructive Transplant	\$12.0
Spinal Cord Injury	\$30.0
Tick-Borne Disease	\$5.0
Tuberous Sclerosis Complex	\$6.0
Vision	\$20.0

\* New for FY 2019

[CDMRP Research Programs](#)

# CDMRP Award Mechanisms

Mechanisms unique to each program

- Horizon Award: \$75K; 1 yr; open to predoctoral students
- Discovery Award: ~\$200K; 18 months
- Career Development Award: ~\$350K; 3 years; within 10 yrs of degree
- Investigator-Initiated Research Award: ~\$1.2-\$1.4M; 3 yrs
- Technology/Therapeutic Development Award: ~\$2.5M; 3 yrs
- Translational Team Science Award: ~\$1.2M; 3 yrs; multi-inst
- Clinical Trial Award: \$open; 5 yrs
- Focused Program Award: ~\$10M; 5 yrs, program project award

# Dept. of Defense Goals and Expectations

- “Requirements-Driven:” Pressing concern related to given group
  - Ranging from “wounded warrior” to veterans to family members: DHA supports 10M medical care recipients
  - Invested in clinical outcome
- Channels of Oversight:
  - Program Portfolio/Funding Source
  - Multiple channels of interest (“stove piped”)
- Partner Funder: DOD brings high expectations
  - Funds “high risk – high reward” proposals
  - Stays closely involved. Requires frequent reports
- Goal oriented: Expects an OUTCOME



# US Army Medical Research and Materiel Command



**USAMRMC** supports Army military medical research interests in combat care, soldier recovery, technology transfer, special acquisitions.

**FY19: \$1.7B** based on annual RFAs

**RFA Budget:** “Funding has NOT been set aside specifically for this BAA and the number of awards are indeterminate and contingent upon funding availability. Selection of research projects is a highly competitive process and is based on the evaluation of the proposal/application’s technical merit, programmatic considerations and the availability of funds.”

**Duration:** up to 5 years

Rule: Som FOAs require seperate SF424, budget, justification.  
NATO Commercial and Government Entity Code (NCAGE)

# Horizon 2020



## ‘Health, demographic change and well-being’ – open to US participants

In recognition of the opening of the US National Institutes of Health's programmes to European researchers, any legal entity established in the United States of America is **eligible to receive Union funding** to support its participation in projects supported under **all topics** in calls under the Societal Challenge ‘**Health, demographic change and well-being**’





# Horizon 2020



Action	Eligibility
<b>Research &amp; innovation action</b>	<p><b>Three legal entities.</b> Each of the three shall be established in a different Member State or associated country. All three legal entities shall be independent of each other.</p> <p>-&gt; US participant in addition 3 MSs and/or ACs</p>
<b>Innovation action</b>	<p><b>Three legal entities.</b> Each of the three shall be established in a different Member State or associated country. All three legal entities shall be independent of each other.</p> <p>-&gt; US participant in addition 3 MSs and/or ACs</p>
<b>Coordination &amp; support action</b>	<p><b>One legal entity</b> established in a Member State or associated country.</p> <p>-&gt; US participant in addition 1 MSs and/or ACs</p>

# Horizon 2020



- US legal entities may participate in any action, unless explicitly restricted from doing so.
- US legal entities are eligible for EU funding, if this is explicitly stated in the work programme, or if at least one of the following conditions is fulfilled:
  - (a) the participation is deemed essential for carrying out the activity;
  - (b) such funding is provided for under a bilateral scientific and technological agreement or any other arrangement between the Union and the US

# 4 ways for US researchers to participate in Horizon 2020

	I. Standard Horizon 2020 Terms	II. Article 14a "International Partners"	III. Regular 3 <sup>rd</sup> party (e.g. subcontract or legal link, EU definition)	IV. EU-U.S. Implementing Arrangement
	<p>Horizon 2020 project</p>	<p>Horizon 2020 project</p>	<p>Horizon 2020 project</p>	<p>Horizon 2020 project</p> <p>optional MoU</p>
Considered as:	Beneficiary	U.S. as International Partner - Specific third party linked to one (or more) beneficiaries	Third Party (linked to beneficiary either via sub-contract (Art. 13) or legal link (Art. 14))	EU as Beneficiary U.S. as "Research Partner" to the project
Form of funding:	EU funding from Horizon 2020 in exceptional cases possible and SC1	EU partner funded via H2020 U.S. partner brings own funding	Payment for service (subcontract) or funding for task possible (legal link) from linked beneficiary	EU Partner: Horizon 2020 U.S. partner: brings U.S. funding
Agreement with funding organisations:	H2020 Grant Agreement	No legal obligation to sign an agreement, but U.S. International partner must be named in Grant Agreement	EU Partner: Grant Agreement U.S. Partner: Subcontract or legal link with beneficiary	EU Partner: H2020 Grant Agreement U.S. Partner: signs own agreement with their funding organisation
Agreement in consortium:	Consortium Agreement in accordance with H2020 regulations All parties share complete workload	Can sign MoU or alternative agreement U.S. partner has responsibility for specific task	Specific service/task (subcontract) or task (legal link 3 <sup>rd</sup> party) defined in contract between H2020 partner and U.S. entity; no further information on project data than that regarding assigned service or task is provided	Can sign MoU or alternative agreement
Form of Reporting:	In accordance with H2020 regulations (and via Participant Portal)	EU partner in accordance with H2020 regulations and can report about U.S. International Partner U.S.: in accordance with US funding organization but reports to EU partner	Subcontractor is paid via invoice to linked beneficiary. EU beneficiary receives money from H2020	EU partner: in accordance with H2020 regulations, U.S.: in accordance with U.S. funding organisation



# Reimbursement rates



**Actions = Projects**

Type of action	Maximum reimbursement rates of eligible costs	Eligible indirect costs (% of direct)	Comment
Research & Innovation actions (RIA)	100%	25%	
Innovation actions (IA)	70% (100%)	25%	70% for profit making entities 100% to non-profit entities
Coordination & Support action (CSA)	100%	25%	

# Mayo Clinic Funding Institutional



Online search tool at Mayo able to scour more than 6,000 potential funders—government agencies, foundations, industry, and others. The database includes both United States and international sponsors.

- Funder profiles include program details such as due dates, award amounts, eligibility requirements and full Request for Proposals
- 2.8 million prior awards
- Create personal profile
- Tailor searches to specific interests based on keywords
- Automate searches to deliver scheduled emails

[Funding Institutional](#)

# Karolinska Institutet Research Professional

The logo for Research Professional, featuring a white square icon with a stylized 'R' on a blue background, followed by the text 'Research Professional' in white.

UK based database available to all KI employees.

- Has over 7,000 open calls. The database includes funding from Swedish and international sponsors.
  - All calls on display are open to Swedish applicants
- Research News covers information from UK, Europe, Australia, Africa, Canada, USA and World.
- Tailor search to specific interests based on keywords
- Create own search and set up email notifications.

Research Professional: <https://www.researchprofessional.com>



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# Discussion



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