Relevant History of IHCC

NIH compiled information on large cohort programs (≥100K participants)

First Cohorts Summit at Duke University (USA)

March 2018

Heads of International Research Organizations (HIROs) agreed to bring cohorts together, aiming to encourage data sharing, improve efficiencies, & maximize investments

April 2019

Third Cohorts Virtual Summit

May 2020

Second Cohorts Summit in Iceland

April 2019

National Institutes of Health
Turning Discovery Into Health

May 2020

1st Virtual Cohort Members Workshop

Nov 2020

Fourth Cohort Virtual Summit

May 2021

2nd Virtual Cohort Members Workshop

Nov 2021

NIH

Wellcome

International HIV Controllers Collaborative
What has been supported?

- Secretariat – Coordinating the consortium activities
- Annual Summit – Bringing cohorts members together to establish collaborations, update consortium progress, propose future direction, and develop strategic plans
- Working Groups Activities
  - Data Interoperability and Connectivity – IHCC Atlas
  - Policies and Systems – Developing a policy agenda, addressing challenges and identifying common needs
  - Scientific Strategies – Stimulating research that builds upon rich and diverse datasets
  - Training, Sharing, and Capacity Development – Collaboration enhancement, training, education, and knowledge sharing
<table>
<thead>
<tr>
<th>Project</th>
<th>PI/PM</th>
<th>Funders</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polygenic risk scores (PRS)</td>
<td>H Hákonarson (USA)</td>
<td>NIH &amp; Wellcome</td>
<td>2020</td>
</tr>
<tr>
<td>Exploring the role of genetically determined BMI in early life on colorectal cancer in later life</td>
<td>DJ Hughes (Ireland)</td>
<td>NIH &amp; Wellcome</td>
<td>2021</td>
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<tr>
<td>High-Throughput Metabolomic Biomarker Measures in Diverse Ancestries</td>
<td>H Hákonarson (USA)</td>
<td>NIH &amp; Wellcome</td>
<td>2021</td>
</tr>
<tr>
<td>Effects of regular opioid use on mortality and on cancer development (Opioid cohort consortium)</td>
<td>P Brennan (France)</td>
<td>NIH &amp; Wellcome</td>
<td>2021</td>
</tr>
<tr>
<td>Global Mental Health Impact of the COVID-19 Pandemic</td>
<td>J Smoller (USA), S Bauermeister (UK) &amp; A Brunoni (Brazil)</td>
<td>NIH &amp; Wellcome</td>
<td>2021</td>
</tr>
<tr>
<td>Novel coronavirus host susceptibility study in South Africa (COVIGen-SA)</td>
<td>M Ramsay (S. Africa)</td>
<td>NIH &amp; Wellcome</td>
<td>2021</td>
</tr>
<tr>
<td>Davos Alzheimer’s Collaborative (DAC) – Pilot PRS</td>
<td>Davos Alzheimer’s Collaborative – Pilot</td>
<td>DAC</td>
<td>2021</td>
</tr>
</tbody>
</table>
NIH Policy for Foreign Applications

- NIH is part of the United States Department of Health & Human Services, which is the primary U.S. Federal agency that conducts and supports medical research.
- The 27 Institutes and Centers (ICs) of NIH provide leadership and financial support to researchers both inside and outside the United States.
- Detailed information for submitting foreign grants can be found at https://grants.nih.gov/grants/foreign/index.htm.
- All applications must undergo peer review.
Additional criteria for reviewing foreign applications

- 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.
- Foreign applicants can learn more at the Information for Foreign Applicants and Grantees page.
How to Write an NIH Application


- **Important Writing Tips:**
  1. Make Your Project’s Goals Realistic
  2. Be Organized and Logical
  3. Write in Clear Concise Language
  4. Sell Your Idea on Paper
  5. Edit Yourself, but also Enlist Help
  6. Share for Comments

- **Sample Applications** [https://grants.nih.gov/grants/how-to-apply-application-guide/resources/sample-applications.htm](https://grants.nih.gov/grants/how-to-apply-application-guide/resources/sample-applications.htm)

- **YouTube Videos** (example: [Best Practices for Junior Investigators When Writing an NIH ...)](https://www.youtube.com/watch?v=example_video_id)
Thank You!

email: lir2@mail.nih.gov
https://www.genome.gov/staff/Rongling-Li-MD-PhD-MPH