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ACADEMIC
COLLABORATION
CHILE
SWEDEN

Results 1st Seminar

Lund 17-18 August 2017





Researchers, university presidents, deans and public officials from Chile and Sweden met in Lund on 17-18 August 2017 for the first ACCESS seminar.

Participating universities, authorities and organisations

- Chalmers University of Technology
- Chilean Ministry of Education
- Chilean Ministry of Foreign Affairs
- Chilean National Commission for Scientific and Technological Research
- Embassy of Chile
- Embassy of Sweden (remote)
- INIA
- Kristianstad University
- Lund University
- On Campus Lund
- Pontificia Universidad Católica de Chile
- Stockholm University
- SWECO
- Swedish Council for Higher Education
- Swedish Research Council
- Swedish University of Agricultural Sciences
- The Swedish Foundation for International Cooperation in Research and Higher Education
- Universidad de Aysen
- Universidad de Chile
- Universidad de los Lagos
- Uppsala University

Academic Collaboration Chile Sweden

The ACCESS platform was initiated by Lund University, Pontificia Universidad Católica de Chile, Universidad de Chile and Uppsala University. The framework of the platform was collectively agreed upon in November 2016 when the four parties signed a Letter of Intent.

The ACCESS platform aims to facilitate and deepen the academic relations between Chile and Sweden as well as to enable researchers, staff and students to become more connected to each other. For this purpose, the four universities have decided to create research seminars in Chile and Sweden, the first at Lund University 17-18 August 2017.

In order to contribute to research excellence, long-term collaborations and increased academic mobility between the two countries, five research areas were identified for the first seminar as common challenges for both countries. These challenges were the starting point of the discussions in separate workshops, followed by a general interdisciplinary discussion. Summaries from every workshop can be found in this folder.

The five research areas from the 1st ACCESS seminar at Lund University 17-18 August 2017 are:

- Contemporary Migrations: New social challenges and experiences of mobility in the Chilean and Swedish contexts
- Exploring the Water-Land-Energy Nexus: Towards Sustainable Agriculture, Forestry and Mining in Chile and Sweden
- Health challenges of the modern society
 - Cancer
 - Ageing
 - Antibiotic resistance

Taking the next steps

ACCESS laid the foundation for a strong Chilean-Swedish academic partnership, and the first joint seminar in Lund highlighted our great potential. The combination of creative, talented researchers and joint activities to enhance mobility between our countries will pave the way to long-standing collaboration. We look forward to deeper cultural and scientific understanding!

Lund University in January 2018

Professor Stacey Ristinmaa Sörensen
Vice President for Research and Research Infrastructure

Timeline and next steps

January 2018

Preparatory meeting for the 2nd ACCESS seminar

26-30 November 2018

2nd ACCESS seminar, Santiago, Chile

2019

3rd ACCESS seminar, Uppsala, Sweden

2020

4th ACCESS seminar, TBD, Chile



Research area – Migration

Results

During the meeting in Lund, the group working in the Migration workshop identified two separate tracks whereas the group was divided in two smaller sub-groups. One with a major focus on migration and the other with a focus on a socio-cultural perspective.

Group 1

Challenges, global and local-state, nation, sovereignty. Racism, engendered racial bodies.

Group 2

SocioCultural Dis-Encounters - Sovereignties, migrating and engendered racial bodies.

Next steps before the 2nd ACCESS seminar in Chile:

- Consolidating the working groups
- Formulating common research projects
- Online workshop in order to present research studies to identify commonalities, strengths
- Joint publications and possible research studies
- Online platform to share documents

Participants

Group 1

Kemy Oyarsun, Chair (UChile)
 Norma Montesino, Chair (LU)
 Maria Emilia Tijoux (UChile)
 Nicolas Gissi (UChile)
 Erin Kennedy (LU)
 Emma Söderman (LU)
 Vanna Nordling (LU)
 Irene Molina (UU)
 Suruchi Thapar Björkert (UU)

Group 2

Claudia Matus, Chair (PUC-Chile)
 Gabriela Hinchcliffe, Chair (UU)
 Marjorie Murray (PUC-Chile)
 Roberto Gonzalez (PUC-Chile)
 Claudia Giacoman (PUC-Chile)
 Daiane Scaraboto (PUC-Chile)
 Marisol Facuse (UChile)
 Matthias Baier (LU)
 Sergio Flores (UChile)
 Henrik Rahm (LU)
 Kristina Jennbert (LU)
 Gabriele Griffin (UU)
 Alicia Salomone (UChile)



Research area – Water-Land-Energy Nexus

Results

The group mapped available resources at the four universities in order to create a common view of tools. This was followed by a model for how to create research proposals between the four universities. Four research areas were identified (see below). The identified areas will be further discussed in separate groups and they will work independently and present their results and experiences in the 2nd seminar in Chile. Meanwhile, they will prepare projects and have follow-up meetings by skype and on site. Common objectives for the research projects are: innovation, transdisciplinarity and win-win. The main criteria for all research areas are that at least 3 universities must be involved (min 1 from each country), major components of WLE included.

1. Water / mining / land
 - Socio-ecosystems
 - Specific areas were presented (e.g. Chocoma, Aconcagua)
 - Urban flooding
2. Climate information / seasonal forecasts
 - Water for energy/hydropower/irrigation
 - Ecological flows
 - Urban flooding
 - Address socio-ecological problems
3. Forest / mining / land
 - Climate change effects on forest
 - Consequences on WLE
 - Lessons from Chile and Sweden?
4. Nanotechnology / Battery development
 - Improved technology for solar power
 - Chile has large lithium deposits
 - More specific connections requires more technical collaborations

Participants

Francisco Meza, Chair (PUC-Chile)	Alvaro Gutierrez (UCHile)
Oswaldo Salazar, Chair (UCHile)	Cintia Uvo (LU)
Linus Zhang, Chair (LU)	Stefan Diehl (LU)
Roger Herbert, Chair (UU)	Lars Samuelson (LU)
Sebastián Vicuña (PUC-Chile)	Martin Andersson (LU)
Luis Cifuentes (PUC-Chile)	Julio Careaga (LU)
Gonzalo Salazar (PUC-Chile)	Marta Marti Raga (LU – visiting professor from Universidad de Concepción)
Paulina Fernandez (PUC-Chile)	Erik Nilsson (LU)
Cristian Mattar (UCHile)	Kristina Edström (UU)
Rodrigo Palma (UCHile)	Helene Martinsson-Wallin (UU)
Enrique Aliste (UCHile)	Christian Zdanowicz (UU)
Gonzalo Gutiérrez (UCHile)	Gloria Gallardo (UU)
James McPhee (UCHile)	
Carlos Zamorano (UCHile)	



Research area – Cancer

Results

During the ACCESS meeting in Lund we identified several potential lines of investigation of common interest for Chilean and Swedish groups, cancer epidemiology, cancer genetics and molecular mechanisms behind cancer development among others. We are currently evaluating different sources of financial support for common projects. A possible source could be the Horizon 2020 programme. We are currently contacting other potential co-applicants from South America since the application must count with at least two Latin American countries.

Carlos Rovira representing ACCESS was in Santiago end of November and participating in a scientific meeting arranged by Chilean ACCDIS (Advanced Centre for Chronic Diseases). On top of the scientific discussion the meeting allowed us to inform other Chilean researchers about the activities within the frame of the ACCESS cooperation. Next year, the Chilean cancer scientists are planning their yearly meeting in Santiago. To bring ACCESS closer to the Chilean colleagues, it was suggested to arrange the 2018 cancer meeting in direct connection with the ACCESS workshop planned to November in Santiago.

Participants

Andrew Quest (UChile)
Cattarina Ferreccio (PUC-Chile)
Gareth Owen (PUC-Chile)
Fermin Gonzalez (UChile)
Flavio Salazar (UChile)
Katherine Marcelain (UChile)
Alvaro Lladser (invited by UChile)
Kristian Pietras (LU)
Tobias Sjöblom (UU)
Håkan Olsson (LU)
Roberto Munita (LU)
Sebastian Barrientos (LU)
Carlos Rovira (LU)



Research area – Antibiotic resistance

Results

At the initial meeting in Lund, August 2017, the participants in the group decided upon focusing on i) characterizing the prevalence of resistance genes in different environments, ii) study the spread of resistance genes through migratory birds and contaminated water flying from Chile-Antarctic-Africa-Sweden, and iii) novel experimental means to combat antibiotic resistant infections. The group currently consists of eight individuals from the four different universities, with a wide variety of expertise including molecular microbiology, clinical trials, bacteriophages, antibiotic resistance, and infectious diseases. The group will meet in Chile in March 2018 to participate in the Chilean national meeting of antibiotic resistance to hopefully add further experience, connections, and input to the group. During the conference we will present our objectives, listen to the Chilean presentations, as well as have individual ACCESS meetings to further define our projects and identify key individuals we need to connect to the projects. The group has applied for funding from STINT for this initiation meeting with Rolf Lood being the main applicant, and Josef Järhult (Uppsala) being a co-applicant.

Participants

Alejandro Bruhn (PUC-Chile)
Francisco Chavez (UChile)
Rolf Lood (LU)
Anna Bläckberg (LU)
Catharina Svanborg (LU)
Josef Järhult (UU)
Miklos Lipcsey (UU)
Anders Larsson (UU)



Research area – Ageing

Results

The workgroup focusing on societal challenges relating to ageing met for three separate sessions during the August ACCESS meeting in Lund 2017.

The group highlighted that although several diseases have age as an important risk factor, the greatest burden to our societies, by far, today and in the near future are diseases affecting the nervous system. These include a range of neurologic and psychiatric conditions but also chronic pain states. Paradoxically, in spite of the enormous costs to society and the rapidly growing burden on healthcare systems this area of research remains relatively poorly funded. The group therefore proposes a specific initiative within ACCESS to focus on combating the diseases of the ageing brain.

Importantly, a multi-level approach will be needed – building on strong research initiatives within areas such as basic science, clinical science, population health and culture studies.

Strategic collaboration with industrial partners will also be of importance to promote the innovative process towards new therapies.

Recommendations from the workgroup:

- Appoint an HEALTH-ageing chairperson
- Build on existing collaborations – make them more visible
- Identify researchers in each country and inform them about ACCESS
- Promote Master's, PhD student and Post Doc exchange
- Use ACCESS meetings to share knowledge and connect researchers and other stakeholders

Participants

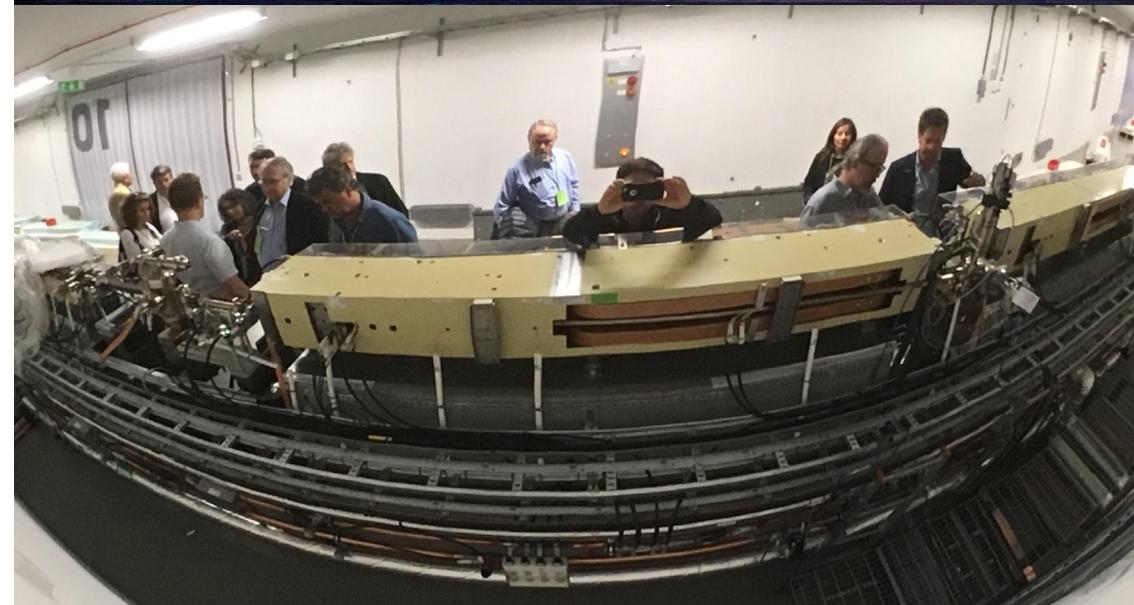
Martin Stafström (LU)

Per Petersson (LU)

Sebastian Barrientos (LU)

Nibaldo Inestrosa (PUC-Chile)

Andrea Slachevsky (UChile)



“The knowledge society requires that those who generate it, are in direct and active contact and collaboration. The world and those who live in it, we need it to protect our health, our environment, improve our quality of life and help to resolve the great problems of humanity. ACCESS is a central instrument in the cooperation between Sweden and Chile in this area.”

José Mario Goñi Carrasco

Chilean Ambassador to Sweden

