



GENDER-NET Plus

Promoting gender equality in H2020 and the ERA

«INTEGRATING GENDER ANALYSIS INTO RESEARCH» WORKSHOP

Sorbonne University, Zamansky Tower, 40 rue Jussieu,
75005 Paris

16-17 November 2022



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GENDER-NET PLUS PROJECT

Despite efforts to reduce fragmentation across the European Research Area (ERA), the European scientific system is still facing challenges in achieving gender equality and gender mainstreaming in research and innovation. In this context, and in line with ERA policy goals and national contexts, GENDER-NET Plus ERA-NET Co-fund was launched under Horizon 2020 EU Framework Programme on September 15, 2017 and will run until 2023. <https://gender-net-plus.eu/>

The consortium of 15 committed organisations from 12 countries, including Canada and Israel, aims to promote the integration of sex and gender analysis into research. The 15 project partners have done so by implementing a joint co-funded call for research integrating a gender dimension in addressing urgent societal challenges. This integration gives new knowledge and insights, which ultimately will benefit all genders. 13 research projects in health & medicine, social sciences and humanities are co-funded in the frame of the GENDER-NET Plus project.

Furthermore, the GENDER-NET Plus consortium aims to strengthen transnational collaborations between research program owners and managers, and provide support to the promotion of gender equality through institutional change. In particular, it contributes to knowledge creation in relation to promoting gender equality in research performing and funding organisations by producing [comparative analytical reports on various topics](#).

Partners:

- The National Center for Scientific Research (CNRS) in France - coordinator
- The Ministry of Science and Innovation (MICINN) of Spain
- The Research Council of Norway (RCN)
- The Swedish Research Council (SRC)
- The Irish Research Council (HEA-IRC)
- The Austrian Science Fund (FWF)
- The Fund for Scientific Research – FNRS (F.R.S.-FNRS) in Belgium
- The Technology Agency of the Czech Republic (TA CR)
- The Ministry of Science, Technology and Space (MOST) in Israel
- The Estonian Research Council (Eesti Teadusagentuur, ETAg)
- The Italian Ministry of Health (MoH-IT)
- The Natural Sciences and Engineering Research Council (NSERC) in Canada
- Canadian Institutes of Health Research (CIHR)
- The French National Research Agency (ANR)
- «La Caixa» Foundation (FBCL) in Spain

WORKSHOP PRESENTATION

The workshop aims to explore and discuss approaches for integrating gender and sex-based analysis into research content, across various topics and disciplinary perspectives. It gathers researchers from 12 out of the 13 transnational research projects co-funded in the frame of GENDER-NET Plus, which address societal challenges linked to the United Nations Sustainable Development Goals (sex, gender and health; gender-based violence; sex, gender and ageing; climate action).

It is an opportunity for representatives of those 12 research projects, ranging from early career to senior researchers, to network and learn from each other about novel methods and perspectives advancing gender-aware science. Moreover, guest speakers, who are leading experts on the topic, will contribute to the discussion and facilitate the workshops sessions.

The goal of the workshop is to produce joint resources that will provide best practices and insights to researchers beyond GENDER-NET Plus on how to better integrate sex and gender in scientific research.

With Horizon Europe, the current Framework Programme for Research and Innovation (2021-2027), the integration of the gender dimension into funded R&I content is now a requirement by default, an award criterion evaluated under the excellence criterion, unless the topic description explicitly specifies otherwise. In parallel, several national research performing and funding organizations in Europe, Canada and the US have implemented policies and processes over the last years to ensure that sex and gender analysis is incorporated in the design and outputs of research and teaching content (e.g. [Gendered Innovations](#), [GENDER-NET](#), [Kilden's handbook](#), [CIHR's resources](#) - see the [GEAR Action Toolbox](#) for more examples). They have developed tools and resources on why and how to integrate the sex and/or gender dimension into research.

Through this workshop, GENDER-NET Plus project will provide new insights, methodologies and case studies based on interdisciplinary and transnational approaches. The outcomes of this event will help the broader scientific community to address the gender dimension in their own research work.

AGENDA

Wednesday November 16th

8.30-9.00 Welcome - Coffee

9.00-9.10 Opening words – **Elisabeth Kohler** (Director of the CNRS Gender Equality Unit - GENDER-NET Plus Project coordinator)

Chair: Mathieu Arbogast (Project Manager at the CNRS Gender Equality Unit)

9.10-9.40 **Londa Schiebinger** (Professor of History of Science at Stanford University, Director of the US/EU Gendered Innovations Project) : Key-note speech

9.40-10.00 **Sabine Oertelt-Prigione** (Professor of Gender in Primary and Transmural Care at Radboud University Medical Center, Professor of Sex- and Gender-sensitive Medicine at Bielefeld University) : Sex and Gender Issues in Health

10.00-10.20 **Geneviève Almouzni** (Member of the ERC Scientific Council, Director of research exceptional class at CNRS, Honorary Director of the Institut Curie) : The ERC Working Group on Gender & Diversity

10.20-10.35 **Nathalie Bajos** (Research Director at INSERM, Director of Studies at EHESS, Research Professor – IRIS) : Presentation of the Gendhi Project

10.35-10.55 Q&A Session

10.55-11.10 Break

Chair: Chloé Mour (European Project Manager at the CNRS Gender Equality Unit)

11.10-11.20 **Lydia Gonzalez** (MICINN-FECYT - GENDER-NET Plus partner) : Presentation of GENDER-NET Plus “IGAR” indicators

11.20-12.30 **5' min presentation from each GNP research project** answering the question: "What is the main methodological, theoretical or ethical issue you have faced when integrating the gender and/or sex dimension into your research? - Focus on one or several difficulties encountered that you may or may not have overcome."

12.30-13.30 **Lunch**

13.30-15.30 Workshop Session 1

closed session

Integrating a gender analysis throughout the research cycle

Three working groups - 2 rapporteurs per group

1. GENDER ANALYSIS IN THE RESEARCH DESIGN

Moderator: Londa Schiebinger (Stanford University)

2. GENDER ANALYSIS IN THE IMPLEMENTATION OF THE RESEARCH PROJECT

Moderator: Lydia González (MICINN-FECYT)

3. GENDER ANALYSIS IN THE EVALUATION OF THE RESEARCH PROJECT

Moderator: Geneviève Almouzni (Institut Curie)

15.30-16.00 **Break**

16.00-18.00 Workshop Session 2

Cross-cutting issues

closed session

Three working groups - 2 rapporteurs per group

1. BEYOND GENDER : INTEGRATING INTERSECTIONALITY IN RESEARCH

Moderator: Londa Schiebinger (Stanford University)

2. ETHICAL ISSUES ASSOCIATED WITH GENDER-AWARE SCIENCE

Moderator: Gary Loke (Inclusion and education consultant)

3. «GENDER» / «SEX» : DEFINITIONAL CHALLENGES

Moderator: Anne-Isabelle François (Institut du Genre)

18.00 **Networking cocktail and dinner**

Thursday November 17th

8.30-9.00 **Coffee**

Chair: Chloé Mour (European Project Manager at the CNRS Gender Equality Unit)

9.00-10.30 **Restitution of workshops – First session**
15 min restitution and 15min discussion per working group

10.30-10.50 **Break**

10.50-12.20 **Restitution of workshops – Second session**
15 min restitution and 15min discussion per working group

12.20-12.30 **Anne Pépin** (Senior Policy Officer at DG Research & Innovation – Gender Sector of the European Commission) : *Closing remarks*

GUEST SPEAKERS & FACILITATORS

Londa Schiebinger is the John L. Hinds Professor of History of Science at Stanford University, and Founding Director of [Gendered Innovations in Science, Health & Medicine, Engineering, and Environment](#). Schiebinger is a leading international expert on gender in science and technology and has addressed the United Nations, the European Parliament, the Korean National Assembly, and numerous funding agencies on that topic. Schiebinger received her Ph.D. from Harvard University and is an elected member of the American Academy of Arts and Sciences. She is the recipient of numerous prizes and awards, including the prestigious Alexander von Humboldt Research Prize and Guggenheim Fellowship. She holds Honorary Doctorates from the Universitat de València, Lunds Universitet, and Vrije Universiteit Brussel. Her recent articles include: [AI can be Sexist and Racist—It’s Time to Make it Fair](#) *Nature* (2018); [Sex and Gender Analysis Improves Science and Engineering](#) *Nature* (2019); [Gendered Innovations 2: How Inclusive Analysis Contributes to Research and Innovation](#) (EU, 2020) [A Framework for Sex, Gender, and Diversity Analysis in Research: Funding Agencies Have Ample Room to Improve Their Policies](#) *Science* (2022). She is currently an advisory board member for GENDER-NET Plus.

Sabine Oertelt-Prigione MD, PhD, MScPH is a physician specialized in internal medicine, public health and sex- and gender-sensitive medicine and an organizational consultant. She holds the Chair for Gender in Primary and Transmural Care at Radboud University in Nijmegen, Netherlands, and the professorship of sex- and gender-sensitive medicine at Bielefeld University in Germany. Her main research question is “how” to implement sex- and gender-sensitive medicine and research – with her teams she focuses on advocacy, teaching and training, on the development of new methods and on the implementation of the discipline in clinical practice. She has developed the first international database about sex and gender-specific research, co-editor of one of the first textbooks in the discipline and has conducted the largest study in Europe on gendered harassment in academia. She was a member of the EU expert group “Gendered Innovations”, consults with national governments and funding agencies and advises startups on the implementation of sex- and gender-sensitivity.

Geneviève Almouzni, PhD (EMBO member, Member of the French Academy of Sciences, fellow of the American Association for the Advancement of Sciences, Director of the Research Center of the Institut Curie from sept 2013 to September 2018 and honorary director since then) is director of research exceptional class at the CNRS. She is Principal Investigator of the Chromatin dynamics team in the Nuclear

Dynamics research Unit (UMR3664 CNRS/Institut Curie) since 1999. She is a world leader in understanding genome organization and function during development and disease in particular in cancer. She has combined biochemistry, cell biology and physical approaches with advanced imaging to explore chromatin dynamics. Overall, G. Almouzni authored more than 220 publications and deposited 5 patents. Active in the field of Epigenetics and European actions, she coordinated the EpiGeneSys Network of Excellence to move epigenetics towards systems biology. She is highly engaged in promoting young scientist career. She received prestigious grants (ERC Advanced Grants) and awards including Woman in Sciences FEBS / EMBO (2013) and the grand prix FRM (2014). She served on the EMBO Council (Vice-chair in 2014), chair of the alliance EU-LIFE, she co-chairs the European initiative LifeTime with Prof. N. Rajewski at the MDC Berlin. She has been appointed to the governing body of the European Research Council (ERC), the Scientific Council (2019-2023).

Nathalie Bajos is a sociologist and demographer, research director at the National Institute of Health and Medical Research (INSERM), specialized on gender, sexual and reproductive rights. She is one of the four coordinators of the ERC Synergy Gendhi research project on gender and health inequalities. She has been a co-scientific director of the major CSF survey on sexuality in 2006 and other surveys on sexual health and gender. She was Honorary Professor at the London School of Hygiene and Tropical Medicine, former Defender of Rights' director for promoting Equality and access to rights and former Member of the Higher Committee for Equality between Men and Women.

Lydia González Orta holds a PhD in Social Sciences and an Erasmus Mundus Master in Women's and Gender Studies and is professor-tutor of the course "gender, sexual identity and human rights" at the UOC. Lydia has been working since 2018 as project manager of H2020 and Horizon Europe gender & science projects at the Spanish Foundation for Science and Technology (FECYT) and has been appointed as Spanish NCP of Horizon Europe for WIDERA cross-cutting gender.

Gary Loke is an independent diversity and inclusion consultant focused on the higher education and research. Current projects include being the lead technical adviser for gender equality and social inclusion for the UK Government's Skills for Prosperity programme across 9 countries. He was previously the Director of Knowledge, Innovation and Delivery at Advance HE and prior to that, Deputy Chief Executive at Equality Challenge Unit. From 2014 to 2022, he was a member of the gender equality commission of the Swiss National Science Foundation and is currently an advisory board member for GENDER-NET Plus.

Anne-Isabelle François is a Senior Lecturer (maîtresse de conférences) of Comparative Literature at Sorbonne Nouvelle University and Assistant Director of the «Institut du Genre», a French Federation promoting, coordinating and supporting academic research on gender and sexualities (<https://institut-du-genre.fr/en/>).

Anne Pépin joined the Gender Sector of the European Commission's Directorate General for Research and Innovation (DG RTD) in 2017 as a senior policy officer, with responsibilities for developing gender equality policy at the European Research Area level and dedicated provisions in the Horizon Europe EU framework programme for research and innovation. She is currently on leave from her permanent position as a research director at the French National Centre for Scientific Research (CNRS) where, from 2012 to 2017, she was heading the Mission pour la place des femmes au CNRS, the strategic unit in charge of gender equality policy at CNRS. Among her responsibilities at institutional, national and European levels, she has coordinated several EU-funded projects devoted to the promotion of gender equality in higher education and research organisations, including the GENDER-NET ERA-NET. Anne Pépin holds a PhD in electronics from the Université Pierre-et-Marie-Curie (Paris, France) and was awarded the CNRS Bronze Medal for young researchers in 2003 for her contribution to nanotechnology.

CNRS CONVENERS

Elisabeth Kohler is a senior science policy officer, director of the Gender Equality Unit ('Mission pour la place des femmes', MPDF) at CNRS since 2018 and coordinator of the GENDER-NET Plus project. She is involved in several national and international expert groups on Gender Equality Plans. Prior to that, she has worked in different fields at CNRS, ranging from scientific communication to innovation policies, European project management and international cooperation.

Mathieu Arbogast, PhD in Sociology and Demography specialized on gender inequalities, is project manager at the MPDF, CNRS' Gender Equality Unit. He is the member of the Higher Committee for Equality between Men and Women (HCEFH).

Laura-Flore Jean-Baptiste is Assistant and Communication officer at CNRS' Gender Equality Unit.

Chloé Mour is European Project Manager at the CNRS' Gender Equality Unit. She completed her BA in Gender Studies & Political Science at McGill University, Montreal and her Research Master of Sociology at EHESS (School for Advanced Studies in the Social Sciences), Paris. Her master thesis analyzed the design and implementation of the French national sexual violence policy in higher education and research institutions.

Célia Bouchet joined the Gender Equality Unit in February 2022 as a postdoctoral researcher in sociology. Her research addresses the measures and mechanisms of social inequalities, particularly those related to gender and disability. For her doctoral thesis at Sciences Po, she used mixed methods to study socio-economic outcomes of people with early-onset impairments. She now investigates professional inequalities between men and women in higher education, with a special focus on the wage gap.

PROJECTS & REPRESENTATIVES

FutureGEN

Evolving gender differences in health & care across cohorts

> Gender, Economics, Sociology, Medicine, Health Research

Overview

FutureGEN aims to build evidence on how entwined gender inequalities in health and care-giving/receiving evolve across generations in connection with cultural and social contexts and individual realities, and how identified sex/gender inequalities may evolve in the future. In particular, the main expected results will consist of:

- A scoping review of evidence on the social determinants that contribute to gender differences in health and functioning in old-age.
- A systematic review of methods used to study intersectionality in inequalities in health.
- Cohort trajectories of disability in old-age across regions and a decomposition of their determinants.
- Analysis of the effects of transitions into widowhood on use of different forms of care.
- Cohort trajectories of caregiving and care receiving across several European countries, as well as an analysis of its determinants.
- Qualitative study (semi-structured interviews) on the views of older-people across the three sites (Austria, Canada and Sweden) on the resources necessary to age well.
- A future-looking exercise on the evolution of the determinants of disability and caregiving/care receiving in the future cohorts of older people.
- Analysis of potential bias in the reporting of measures of informal caregiving used in comparative surveys

Representatives

Susan Phillips (co-PI) is physician and Professor (Queen's University, Kingston Canada). She has held numerous funded (CIHR, etc.) research grants, has been a visiting scholar at the Umea University (Sweden) Centre for Gender Studies and recipient of an Honorary Doctor degree from Umea University, and has been an advisor on gender and health to the Canadian government, the French and Swedish Research Councils, the WHO and the World Bank.

Cassandra Elisabeth Simmons is a researcher in the Health and Care team at the European Centre for Social Welfare Policy & Research based in Vienna, Austria since 2019. Her work centres around the delivery and design of health and long-term care systems, with a focus on inequalities in health and care use, financing of care, and care workforce. Cassandra is part of the FutureGEN project which has focused on gender differences in health and care across cohorts. She holds a MA of Economics from the University of Toronto in Canada.

GBV-MIG

Violence against women migrants and refugees: Analyzing causes and effective policy response

> Sociology, Law, Political Science, Psychology

Overview

Sexual and gender-based violence (SGBV) is a major infringement of women's human rights and an obstacle to sustainable development as set out in the SDGs. SGBV against migrant and refugee women is widespread, but often remains invisible and under-analysed both in academic research and policy-making. This research will take an intersectional approach to understand SGBV in the context of migration, analysing the ways in which discriminations and inequalities based on gender, race, nationality, ethnicity, sexual orientation, gender identity and age, interact to make certain women more vulnerable to SGBV and less able to access support and services for survivors than others. SGBV may be exacerbated by policies aiming to restrict migration, or to increase control of borders, which can push women into adopting dangerous routes to arrive in their country of destination. Conflict and the risks of migration may also render women vulnerable to trafficking and sexual exploitation. Conditions of reception, and policies for integration in receiving countries may also lead to increased risk of SGBV for migrant and refugee women. But these women are not just "victims", and their strategies and agency should also be explored. In sum, while we know that female migrants and refugees are particularly exposed to violence, we lack a systematic understanding of the underlying dynamics that (re)produce patterns of violence. It is this gap that the research seeks to fill in order to make policy recommendations for reducing these women's vulnerability to SGBV and increasing their access to services.

Representatives

Jane Freedman (PI) is Professor of Sociology at the Université Paris 8 and Deputy Director of the Paris Centre for Sociological and Political Research (CRESPPA). She has researched widely on issues of gender, migration, and violence. Her publications include *Gendering the International Asylum and Refugee Debate* (Palgrave Macmillan, 2015), *Gender, Equality and Social Justice: Anti-Trafficking, Sex work and Migration Law and Policy in the EU* (2022, Routledge). She is the coordinator of a GenderNet Plus Project on Gender-Based Violence in the context of migration (GBV-MIG) and co-editor of the book based on the project: *Gender-Based Violence in Migration: Interdisciplinary, Feminist and Intersectional Approaches* (2022, Palgrave Macmillan)

Evangelia Tastsoglou (co-PI), PhD, LLM, is Professor of Sociology and Global Development Studies at Saint Mary's University in Halifax, Canada. Her research engages feminist intersectional perspectives on women, gender and various aspects of international migration; Canadian immigration and integration; violence, citizenship, transnationalism and diasporas. Her most recent book is *Gender-Based Violence in Migration. Interdisciplinary, Feminist and Intersectional Approaches* (Palgrave Macmillan, 2022, co-edited with J. Freedman and N. Saharaoui).

Nina Saharaoui is Marie Skłodowska-Curie Postdoctoral Fellow at the Centre for Sociological and Political Research in Paris (CRESPPA, CNRS). Her research revolves around interdisciplinary studies of migration and gender with particular attention to questions of care, gender-based violence, borders, humanitarianism and racialization. Her publications include the monograph *Racialised Workers and European Older-Age Care: From Care Labour to Care Ethics* (Palgrave Macmillan, 2019) and the edited volume *Borders Across Healthcare* (Berghahn Books, 2020).

G-DEFINER

Gender difference in side effects of immunotherapy: a possible clue to optimise cancer treatment

> Clinical Oncology, Biology, Biostatistics, Bioinformatics

Overview

In patients who are suffering from cancer, the increasing use of immunotherapeutic treatments is associated with immune-related adverse events (irAEs), which are caused by non-specific activation of the immune system. Sex influences a patient's

adaptive immunity, and may influence the type of irAE, as well the frequency and severity of these events. Together with genetic and biological differences, the roots of irAE inequalities between female and male patients could also be linked to psycho-social and behavioural determinants. The G-DEFINER study examines the interdependent dimensions of gender and explores psychosocial and behavioural determinants, such as: marital status, ethnicity, employment status, level of education, living arrangement, income, smoking, alcohol consumption, levels of physical activity, obesity and dietary habits. Further the G-DEFINER study also aims to determine how distress and health status can play a role in irAE events. Lastly the study is collecting biological biospecimens from patients in order to study gene-expression, genetic variations and the patient's microbiome as predictors of irAEs.

Representatives

Rosalba Miceli (PI) is a senior biostatistician at the Unit of Data Science, Fondazione IRCCS Istituto Nazionale dei Tumori (INT), Milan, Italy. She is responsible statistician in clinical trials and research projects. Her main activities are: study planning (study design; statistical analyses planning; protocol writing and revision); statistical-methodological research; consulting in statistical analysis and scientific manuscript writing; statistical analysis of data gathered in diagnostic, prognostic and therapeutic institutional studies and writing of related scientific manuscripts. Moreover, she is in charge within the Unit of Data Science of the “Research quality and Integrity” work group committed by the Scientific Directorate, she is the INT responsible for the Gender Medicine Project at the Italian Ministry of Health, and she is an auditor for the OECI Accreditation and Designation Programme.

GENDER-ARP

Addiction, health risks and recovery in context of social precarity: how to better address complex needs taking into account gender and life stages

> Community Health, Public Health, Psychology, Sociology

Overview

Numerous studies show the need to design interventions for psychoactive substance (PS) users, not only from a biomedical angle, but also to act upon the different types of vulnerabilities users face. The general aim of this transnational Canadian, French and Belgian study is to better understand how gender and life stages influence addiction, health risks, and recovery trajectories – in order to guide the development of in-

egrated services that address complex social and health care needs. The three specific objectives of the project take into account gender and life stages issues in order to: 1) identify specific vulnerabilities and capacities in people with SUD who faced with an accumulation of problems over a lifelong trajectory of PS use and related risk behaviors; 2) understand long-term service and recovery trajectories related to PS use and health risks within this population; and 3) guide the development of long-term integrated services that better address the complex social and health needs of this population. GENDER-ARP proposes to combine the following methods: semi-structured interviews on PS use, healthrisk and recovery trajectories; a systematic literature review about best practices for gender-responsive addiction and harm reduction long-term integrated services; and consensus development conferences with expert panels. This transnational study will develop contextualised knowledge that can enhance gender-responsive services taking into account life stages, locally and internationally, adapted to the complex care and social needs of specific vulnerable populations.

Representatives

Karine Bertrand (PI), Ph.D. is a full professor in the Community Health Science Department at Université de Sherbrooke and the scientific director of the Addiction Research Institute situated in the province of Quebec (Canada). She's a clinical psychologist with expertise in substance use, mental health, and addiction interventions. She has led numerous studies using qualitative methods, trajectories analysis, and participatory approaches, and has drawn on this research to develop and evaluate a range of interventions and services. She holds the CIHR Research Chair in Gender and Intervention in Addcition ("La GID") that brings together people with various types of expertise (academic, professional, lived experience) to develop strategies and recommendations for improving addiction-related services, taking into account gender and sexual diversity.

Marie Jauffret-Roustide (co-PI) is a Sociologist, Research Fellow at the French National Institute of Health and Medical Research, in Paris. She leads a comparative research program on drug policies between France and North America centered on harm reduction histories, gender and racial issues. Most of her research are based on community-based approaches. She is the scientific director of the D3S (Drugs, Social Science and Societies) Program at the School of Advanced Studies in the Social Sciences (EHESS), that aims to disseminate social science knowledge on drugs and to favour the dialogue between academic and civil society. She is the co-PI of the Gender-Arp project in France.

André Lemaitre (co-PI) PhD in Criminology, André Lemaître is emeritus professor at the Faculty of Social Sciences of the University of Liège (Belgium). He taught in the Departments of Criminology, Political Science and Sociology. His academic and scientific concerns focus particularly on issues related to security, ethical and deontological aspects of criminological intervention and drugs policies. He is Past President of the International Association of French Speaking Criminologists (AICLF) and elected member of the Board of Directors of the International Society for Criminology. He is the co-PI of the Gender-Arp project in Belgium.

Estelle Filipe PhD student in sociology at the EHESS within the Center for social movement studies (Cems), she is writing a thesis under the supervision of Marie Jauffret-Roustide on the life paths and medical and social care of women drug users in mainland France and French Guiana. For her research, she mobilizes qualitative data through conducting interviews as part of the GENDER-ARP project, she is also the project coordinator for the French component since late 2019.

GENPATH

A life course perspective on the GENDERed PATHways of social exclusion in later life, and its consequences for health and well-being

> Sociology, Social Gerontology, Social Policy, Gender Studies

Overview

Social exclusion is a multifaceted social problem with substantial disruptive consequences for individuals and society. One aspect of social exclusion is the exclusion from social relations. Being socially connected is a universal basic human need, but a substantial number of people lack the essential social resources necessary for a healthy and happy life. GENPATH focusses on post-retirement age; a life phase where social inclusion becomes a crucial factor for health and wellbeing. Men and in particular women have an increased risk to be socially excluded after retirement. Women are more often frail, more often widowed, have lower levels of education, have more often disrupted working careers, lower pensions, and less economic resources. The large variation in social exclusion and the varying impact of gender across welfare states indicates a key role of the macro-social context. However, little is known about how precise the welfare state context influences the construction and outcomes of social exclusion. The project aims at analysing the origin of gender differences in the prevalence and generation of exclusion from social relations across European

countries, and consequences of this exclusion for health and wellbeing. Findings will inform the scientific debate about gender differences in social exclusion and instruct policies towards a reduction in social exclusion among older men and women.

Representatives

George Pavlidis is a graduate psychologist with a PhD in social gerontology from the University of Sheffield. He is experienced in teaching undergraduate and postgraduate level courses. He is working currently in Linköping University at the Division of Ageing and social Change (ASC) as assistant professor where he conducts his work with a focus on adult development and ageing. His research is interdisciplinary and located at the intersection of social gerontology and psychology. He has been involved in many applied research projects, funded from national and international institutions. He is a board member of 50plus Hellas, a Greek organization that deals with issues of people older than 50.

GOING-FWD

Gender Outcomes INternational Group: to Further Well-being Development

> e-Health and m-Health Gender Applications

Overview

Beyond biological sex, gender is increasingly recognised as a pivotal determinant of health. However, there are no standardised gender measurements. We hypothesise that gender-related factors and their effect will vary substantially between countries and diseases. The aims of GOING-FWD are to integrate sex and gender dimensions in applied health research, to evaluate their impact on clinical cost-sensitive outcomes and patient reported outcomes related to quality of life in noncommunicable diseases including cardiovascular disease, metabolic disease, chronic kidney disease and neurological disease. We also aim to construct innovative ways to disseminate the application of gender measurement towards personalised approaches to chronic disease prevention, diagnosis and treatment. As a five-country multidisciplinary Consortium with access to granular large databases, GOING-FWD is uniquely positioned to harness an innovative methodology that will provide a framework to close gender gaps in chronic disease management and promote knowledge transfer in the scientific community and clinical practice.

Representatives

Louise Pilote (PI) is a Professor of Medicine at McGill University where she holds a James McGill chair. She is a practicing general internist. She has had the privilege to be a clinician scientist at Research Institute of the McGill University Health Center for the past 25 years. She is an internationally recognized sex and gender scientist, a leader in cardiovascular research and a pioneer in comparative effectiveness of cardiovascular drug and devices using Big Data with a focus on sex differences. She has developed novel methodologies for measuring gender to evaluate its impact on health outcomes. Dr. Pilote leads the Gender Outcomes International Group to Further Well-being Development (GOING-FWD), a data science and personalized medicine project.

Colleen Norris (co-PI) is a professor and Associate Dean of Research for the University of Alberta, Faculty of Nursing. Dr. Colleen Norris is also the Cavarzan Chair in Mature Women's Health Research at the University of Alberta Faculty of Medicine and the Women and Childrens Research Institute in Edmonton Alberta Canada and Co-Nominated Principal Investigator of the GOING-FWD project.

Valeria Raparelli (co-PI) is an Assistant Professor of Internal Medicine at the University of Ferrara in the Department of Translational Medicine in Ferrara, Italy. Dr. Valeria Raparelli is also an adjunct Assistant Professor, Faculty of Nursing, University of Alberta, Edmonton, Alberta, Canada. Over the past 5 years, her principal research interests have focused on understanding sex and gender- specific issues in cardiovascular disease and Co-Nominated Principal Investigator of the GOING-FWD project.

Karolina Kublickiene (co-PI) is Associated Professor in Obstetrics and Gynecology at Karolinska Institutet.

Maria-Trinidad Herrero (co-PI) Credentials: MD, BJ, BSAdv, MPhil, PhD. Position: Director. University Institute for Aging Research, University of Murcia & Gender Unit of the Institute of Biomedical Research (IMIB). Professor of Human Anatomy (Neuroanatomy). School of Medicine & Pharmacy.

Ana María Lucas Ochoa Credentials: RN. Title/Position: Nurse at the General University Hospital Santa Lucía, Cartagena, Murcia. PhD student in Aging and Frailty Program, University of Murcia. Area of Research / Interests: Sex and Gender related factors in cardiovascular diseases, specifically the affectation of thrombosis in women.

IKASCADE

Identifying Key prescribing CASCADEs in the Elderly: a transnational initiative on drug safety

> Geriatrics, Pharmacy, Psychology, Epidemiology, Orthopedics

Overview

iKASCADE, a project about prescribing cascades, addresses an important and under-researched aspect of this iatrogenic medication harm. Prescribing cascades occur when a health care provider misinterprets the side effect of a drug as a new medical condition and prescribes a second, potentially unnecessary drug to treat the side effect. Since women live longer than men, they are more likely to be prescribed potentially inappropriate drug therapies and experience more drug-related adverse events. It is hypothesised that prescribing cascades have different effects according to sex and gender. Our objectives are to use the expertise of our international consortium and international prescribing cascade data to: 1) Create a comprehensive inventory of prescribing cascades; 2) examine and compare the frequency of prescribing cascades by sex and country in three key settings of care (hospital, long-term care home, and community) using clinical and administrative data; and 3) explore how sex and gender are associated with the development and impact of prescribing cascades.

Representatives

Paula Rochon (PI) is a geriatrician, senior scientist at Women's College Hospital, and Project Coordinator of the Identifying Key Prescribing CASCADEs in the Elderly: A Transnational Initiative on Drug Safety (iKASCADE) project. She is the Founding Director of the Women's Age Lab, a professor and inaugural RTOERO Chair in Geriatric Medicine at the University of Toronto. She obtained her MD from McMaster and MPH from Harvard. Dr. Rochon's research focuses on the unique needs of older women, and promotes their health and wellness. She has contributed to our understanding of aging, equity, and its impact on patients and the healthcare system, highlighting the need to consider sex, gender and age in research so results are more relevant to older women and men.

Robin Mason is a Scientist with Women's College Research Institute and Women's Age Lab, Women's College Hospital as well as an Assistant Professor in the Dalla Lana School of Public Health, University of Toronto. Dr. Mason is a designated provincial support/consultant on sex and gender-based analysis, and how to improve considerations of equity, diversity and inclusion in health research. As a member of the

transnational iKascade team, she contributed to the development and integration of the study's sex and gender lens.

Rachel Savage is a Scientist at Women's Age Lab and Women's College Research Institute, Women's College Hospital and an Assistant Professor at the Institute of Health Policy, Management and Evaluation, University of Toronto. She completed her PhD in Epidemiology at the Dalla Lana School of Public Health, University of Toronto and her MSc in Epidemiology at the London School of Hygiene and Tropical Medicine. At Women's Age Lab, Dr. Savage leads research focused on promoting social connectedness in older adults and supporting aging in place. She also collaborates on research that aims to optimize drug treatments in older adults and is involved in a transnational initiative to explore medication safety in older women and men.

MASCAGE

Gendering age: representations of masculinities and ageing in contemporary European literatures and cinemas

> Humanities, Social Sciences

Overview

The primary objective of MASCAGE is to analyse social constructions of ageing masculinities and/through their cultural representations in contemporary European literatures and cinemas. MASCAGE specifically seeks: (a) to understand more fully the interrelationship of masculinities with a variety of social issues specifically associated with men's ageing: older men's health; social inclusion and exclusion; sexualities and affective relationships; and ageist stereotypes; (b) to explore men's experiences of, and attitudes to, ageing across different European cultures, exploring their commonalities and differences, at both national and transnational levels; (c) to gain a deeper understanding of ageing masculinities in and through cultural representations; and (d) to share the results of this project with other researchers, practitioners and policy-makers to help them devise strategies and policies designed to promote greater gender and age equity.

Representatives

Josep M. Armengol (PI) is Professor of US Literature and Gender Studies at University of Castilla-La Mancha, Spain. He is the author of *Masculinities in Black and White*

(Palgrave, 2014), *Richard Ford and the Fiction of Masculinities* (Lang, 2010) and *Reescrituras de la masculinidad* (Alianza, 2022). He is currently coordinating a project on aging masculinities in contemporary European literatures and cinemas: masage.eu

Shlomit Aharoni Lir is a postdoctoral scholar at Bar-Ilan University. In her research, she focuses on gender, communication, and culture. She is particularly interested in how underprivileged social groups represent themselves and are depicted in cultural and digital spheres. Her research expertise includes exploring and theorizing gendered aspects of the cinematic world, civic society, and digital arenas. Dr. Aharoni Lir has won numerous awards, including the Israeli Golda Award from the Ministry of Innovation, Science and Technology. She has written several books and published papers in central international journals. As a feminist activist, she is the founder and CEO of Women Activists Online, a hub initiative designed to promote women's leadership through social media.

POSITIVMASC

Masculinities and violence against women among young people- Identifying discourses and developing strategies for change using a mixed method approach

> Public health, Sociology, Epidemiology

Overview

The aims of POSITIVMASC are four-fold: 1) To explore and position the discourses that young people (men and women, 18-24 years) in Sweden, Spain, Ireland and Israel use in their understanding of masculinities, 2) to explore how these discourses influence young people's attitudes, behaviors and responses to violence against women (VAW), (3) to explore individual and societal factors supporting and promoting anti-VAW masculinities discourses and 4) to develop strategies and resources to support and promote anti-VAW masculinities in these settings. POSITIVMASC will achieve these aims by conducting innovative, participatory research using a multi-country, mixed methods approach. In the first phase, data will be gathered using semi-structured interviews and focus groups discussions (FGDs). In this phase, we aim to identify the discourses that young people use to conceptualize masculinities and VAW. Phase two will consist of a concept mapping study that will quantify the coherence, patterns of priorities and perceived relationship between the different strategies/actions for supporting and promoting anti-VAW masculinities identified in phase one. Phase 3 will involve the dissemination of our results with national and

international stakeholders and the development of resources to promote and support anti-VAW masculinities. Engaging participants in the design and findings of the study, through interactive workshops, a young people's advisory group, community partners' advisory group, the project will develop a road map containing key strategies to reduce VAW, including the promotion of anti-VAW masculinities. Building on an inter-disciplinary team, drawn from public health, social science and law, the project will provide an evidence-base for the design and implementation of gendersensitive policies aimed at challenging and reducing VAW and patriarchy.

Representatives

Nihaya Daoud (co-PI), MPH, PhD, is a Professor of Public Health and a social epidemiologist at the School of Public Health, and the director of the Center for Health Equity and Health Promotion at Ben Gurion University of the Negev. Her research focuses on health inequities and considers the impacts of discriminatory policies on minorities health, and the intersections of ethnonational identity with gender and class. Her recent research focuses on violence against women, positive masculinity, and healthcare system responses to violence.

Robert Bolton is a post-doctoral researcher on PositivMasc at the Institute for Social Science in the 21st Century (ISS21) at University College Cork (UCC). Prior to this, Robert worked on another ISS21 project, 'Unmarried Fathers and Shared Parenting'. Along with colleagues, he recently guest edited a special issue (October forthcoming) of Social Policy and Society on welfare stigma. Robert graduated with a PhD in Applied Social Studies at UCC in 2018. His research was an ethnographic study that focused on the performance of young masculinities in youth cafes in Ireland.

RHCFORFGC

Sharing actions and strategies for Respectful and equitable Health Care for women with FGC/M.

> Public Health, Primary Care, Health Sociology

Overview

Equitable and gender-sensitive health care to women and girls with or at risk of FGC is a challenge, specifically in accessing health resources that meet their needs, which can be complex. The objectives of the consortium are as follows: 1. To gather

knowledge, attitudes and practices of healthcare professionals towards FGC; 2. To identify the extent to which healthcare provider training packages incorporate the voices of women who have been subject to FGC for efficient, culturally safe and gender sensitive training tools; 3. To contrast predictive models of risk estimates across partner countries; 4. To gain better understanding of the best practices regarding policy implementations and legal frameworks with regards to the prevention of FGC; 5. To develop and pilot-test an informative video on defibulation for and by women themselves in accessible languages.

Representatives

Bilkis Vissandjée (PI) is a professor in the School of Nursing, the School of Public Health and researcher at the Centre de recherche en santé publique at the University of Montreal, Montreal Canada. She is also affiliated as a researcher at the SHERPA research institute focusing on social and structural determinants of global women's health and to identify innovative approaches to address key challenges to enhance equitable access to health care. Dr. Vissandjée sits on a number of committees within which she champions the inclusion of equity, gender, diversity in public health academia, research and practice. She currently leads the RHCforFGC - GenderNet plus team grant funded by the Canadian Institute of Health Research and the European Commission on addressing the complex experiences related to female genital mutilation/excision in migrant-host countries.

Brian D. Earp, PhD, is Senior Research Fellow in the Uehiro Centre for Practical Ethics at the University of Oxford, Co-director of the Oxford Experimental Bioethics Lab, and Associate Director of the Yale-Hastings Program in Ethics and Health Policy at Yale University and The Hastings Center. Brian has published widely on female, male, and intersex forms of genital modification in the context of gender-systems across various cultures.

Fatoumata Sylla MPH, Epidemiologist & PhD Candidate in Public Health – University of Paris-Saclay, INSERM, CRIDUP. She is also affiliated to the National Institute of Health and Medical Research (INSERM) and the Research Center of the Demography Institute of Paris I University (CRIDUP). Her research aims to better understand the gynecological and obstetrical consequences of female genital mutilation/cutting (FGM/C) in a European and French context to improve care for women living with FGM/C in migrant-receiving countries.

Chemsa Lecoeur

SEQUAL

Social-ecological relations and gender equality: dynamics and processes for transformational change across scales

> Gender Studies, Critical Policy Analysis, Natural Resource Management, Pastoralism, Forest Governance, Sustainability Science, Feminist Studies

Overview

SEQUAL is a multi-country collaborative project of research organizations in Sweden, Norway, Spain and Finland. SEQUAL aims to carry out research on the intersections and interdependencies between climate change, natural resource governance and gender, focusing on discursive analyses of policies in the Global North (Sweden, Spain, Norway) and South (Burkina Faso), and place-based case studies in Norway, Spain and Burkina Faso. The objectives of SEQUAL are to:

- Contribute to better understanding of how gender is framed and addressed within climate change and natural resource policies at different policy levels, and identify potential factors that can promote or hinder transformational change.
- Further our understanding of gender and power relations under changing environmental conditions within case studies of natural resource management at the local level.
- Provide critical analyses of the gaps and linkages between international and national gender and climate policies on the one hand, and local everyday gendered practices on the other hand.

Representatives

Marta Guadalupe Rivera Ferre (co-PI) is a research professor at INGENIO (CSIC-UPV), a Doctor in Veterinary Medicine (University of Córdoba), and a Doctor in Sociology (Universitat Autònoma de Barcelona). She was previously director of the Chair of Agroecology and Food Systems at the University of Vic-Universitat Central de Catalunya (2014-2021). She has participated as lead author in two UN groups: International Assessment of the Role of Knowledge, Science and Technology for Agricultural Development (IAASTD, 2005-2008) and Intergovernmental Panel on Climate Change (IPCC: 2010-2014, 2016-2019, 2019-2022). She belongs to the scientific advisory committee of the Agriculture, Food Security, and Climate Change program (FACCE-JPI) of the European Union. With a multidisciplinary profile in the analysis of society and the environment within agrifood systems, she has a particular interest in alternative agrifood systems under the paradigm of food sovereignty and more recently, in the analysis of feminist and common theories that can be adopted by agrifood research.

Federic Ravera is a Ramón y Cajal researcher at the Geography Department of the University of Girona (Spain). Its transdisciplinary profile integrates approaches and methods from the natural and social sciences, the arts, as well as from local and indigenous knowledge systems to study the vulnerability and adaptation of rural agri-food systems to global change in agroforestry systems, pastoralists of the Mediterranean context and high mountain regions (the Andes, Himalayas, and the Pyrenees). Through a feminist political ecology perspective, her research is mainly oriented toward understanding the power dynamics that create inequalities, and the differential conditions that create new opportunities in the transformations of rural socio-ecological systems. She is a member and co-founder of the FRACTAL collective (<http://colectivofractal.org>) that brings together women researchers in the science of environmental sustainability and socio-ecological systems, who work with an ecofeminist perspective and explore new approaches and transdisciplinary methodologies and participatory.

Maria Borràs Escayola has a degree in Biology from the Autonomous University of Barcelona, with a Master's in Agroecology and a minor in Gender Studies in Production Systems from Wageningen University (The Netherlands) and is currently completing her doctorate in Catalonia, at the Department of Geography of the University of Girona investigating public policies for adaptation to climate change —with special attention to gender, following the theories of feminist political ecology, ecofeminism, and decolonial feminism.

TIGER

The combined role of genetic and environmental risk factors in the gender-specific development of severe tinnitus

> Audiology, Genetics, Epidemiology, Statistics

Overview

Tinnitus is the most frequent phantom sensation, affecting 70 million individuals in Europe. It dramatically increases with age, with near 40% of the elderly experiencing tinnitus. It can be severely debilitating, increasing the risk for sick leave, disability pension and even suicide. While prevalence is higher in men, women show greater psychological burden and loss of life quality, suggesting that different coping mechanisms operate in the two genders. From a genetic perspective, we recently found that specific forms of tinnitus displayed significant heritability in men, albeit when segregated according to age, young women showed such high genetic influences. On this

basis, TIGER aims to provide three major insights needed for long-lasting prevention and therapy for tinnitus through the principal goals:

- The identification of environmental risk factors to define non-genetic risks of developing severe tinnitus.
- The identification of novel genetic and blood biomarkers.

The insights from the two first aims will be used to:

- Stratify disease risk and elaborate preventive medical recommendations for high-risk subgroups of tinnitus patients and to define molecular drivers/biological pathways relevant for the development of severe tinnitus that will be used to identify and validate new therapeutic targets.

We use epidemiological lifestyle, nutritional, and medical analytical data from large Swedish longitudinal and Italian retrospective studies, and molecular genetics, coupled to in-depth tinnitus phenotyping beyond current clinical practice.

Representatives

Christopher Cederroth (PI) is an Associate Professor at the Karolinska Institutet in Stockholm (Sweden). He has a PhD in Medical Biology and focuses his research into the understanding of the pathophysiology of tinnitus and the identification of biomarkers for the objective diagnosis of tinnitus.

Carlotta Micaela Jarach holds a Joint MSc in Health Management & Communication and an MSc in Biostatistics. She is a First Stage Researcher who has been working in the field of epidemiology since 2017, concentrating much of her research on aging and care optimization. In her doctoral program, she is now focusing on the epidemiology of tinnitus, the sensation of hearing a sound with no external auditory stimulus present. She has been assigned responsibility for this line of research within her laboratory at the Mario Negri Institute (Milan, Italy).

