

PUBLIC HEALTH EPIDEMIOLOGY

Prof. Stefania Boccia – President Dr. Angelo Maria Pezzullo – Vice President





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The EUPHA Public health epidemiology section aims to increase the knowledge base on epidemiologic methodology that can be applied to the public health fields, both at the individual and population levels. The epidemiological approach to public health involves several disciplines, both quantitative and qualitative, such as epidemiology, biostatistics and social sciences, and the role of the section is to promote initiatives both methodological and operational.

EUPHA Sections bring together researchers, policymakers and practitioners working in the same field for knowledge sharing and capacity building. By joining this Section, you can exchange knowledge with your peers in the field of public health epidemiology. You don't need to be a EUPHA Member to join a Section.

We currently have 5252 section members.

It would be great to add you to those members!

Join this section



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President

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Dr Angelo M. Pezzullo Department of Life Sciences and Public Health Catholic University of the Sacred Heart Rome, Italy



Recent News

09 November, 2022

European Scientific Conference on Applied Infectious Disease Epidemiology

23 September, 2022

PROPHET project kicks off - Personalised Prevention Roadmap for the future healthcare

23 May, 2022

Competencies for applied epidemiologists now available in all EU/EEA languages

11 January, 2022

ECDC launches new version of epitweetr, a tool for the early detection of public health threats using Twitter

Aims for 2023

The main goal of the section is to promote and strengthen the development and use of the epidemiological methods in public health.

To reach this goal, the aims of the section for 2023 are:

- Encourage the presentation of research activities and related outputs at the annual conferences, related to the use of epidemiological tools in public health;
- Submit at least one workshop on relevant aspects regarding public health epidemiology;
- Work for a high scientific standard of studies on public health epidemiology;
- Encourage the publication of studies on public health epidemiology;
- Act in an advisory capacity for policy statements and papers to influence policy makers and politicians in line with EUPHA objectives;
- Arrange a pre-conference educational event for public health epidemiology researchers in connection to the EUPHA annual conferences





[Publichealthepidemiology] Newsletter 3_2022 EPH Conference in Berlin



Friday, 28 October 2022 at 20:33







O Publichealthepidemiology < publichealthepidemiology-bounces@eupha.org > on behalf of

O NOREPLY - EUPHA Public health epidemiology <noreply@eupha.org>

To: publichealthepidemiology@eupha.org

Latest newsletter: 28/10/2022



Dear EUPHA-EPI section members,

we are excited about the forthcoming 15th European Public Health (EPH) Conference 2022 in Berlin (9 - 12 November 2022) with plenty of activities for the public health epidemiology community. Please note that registration for the conference and pre-conferences are still open. EUPHA-EPI "Join the network" (JTN) meeting is organised during the EPH Conference on Friday 11 November from 12.45 to 13.45. Only registered participants will have access. You are all invited to participate and bring delegates interested in the field of public health epidemiology. EUPHA-EPI is looking for another vice president of the section, so please be sure to participate if you would like to apply for this position.

Following your advice at the last year's JTN meeting, EUPHA-EPI organised a pre-conference entitled "Natural experimental evaluations for public policy and health systems: recent advances and updated guidance" with Dr Peter Craig and Dr David Ogilvieas the main speakers. The pre-conference will take place on Wednesday 9 November from 09:00 to 17:00 and provide an overview of natural experimental evaluations, including recent advances in designing, analysing and reporting natural experimental evaluations. The morning will be made up of lectures and practical sessions outlining key concepts and the afternoon will comprise applied examples of natural experimental evaluations.

In addition, EUPHA-EPI organized a workshop entitled "Quality of COVID-19 science: metaresearch and the ethical implications for public health" on Thursday 10 November from







Qualitative Research:

Tools for Understanding Community Needs and Amplifying Voices 4 May 2022, 15:00 – 16:00 CET



Prof Rosie Frasso, Thomas Jefferson University

Attended by more than 300 public health researchers, the webinar was aimed at exposing the European public health epidemiology community to innovative and traditional methods in qualitative data collection, report generation, dissemination and publication in multidisciplinary contexts.







ExACT survey launch - European Public Health Week webinar

Personalised medicine and public engagement 20 May 2022, 15:00 - 16:00 CET

Co-organised with EUPHA-PHG and during which the survey by the ExACT project on personalized medicine has been launched will be available soon in the EUPHA resources module. The aim of this survey is to gather the views of citizens in European Union member states on personalized medicine. The survey is available in English, as well as in Italian, Dutch and French.

What we did in the past EPH Conferences...

Public health epidemiology -> Workshops/conferences

EPH 2021, Online event, pre-conferences/workshops:

- Pre-conference: Foundations of causal inference: Gently introducing public health researchers to counterfactuals, causal diagrams, and target trials
 - Organised by: EUPHA-EPI, EUPHA-HSR, EUPHA-RP
- Workshop: Informing COVID-19 responses with longitudinal studies: demonstrating harmonised data infrastructure
- Workshop: Integrating the use of genomic data in personalised healthcare: implications across the board Organised by: EUPHA-PHG, EUPHA-ETH, EUPHA-EPI, EUPHA-CHR
- Workshop: Risk communication in the context of a pandemic event Organised by: EUPHA-EPI, EUPHA-HTA, EUPHA-IDC, EUPHA-PHMR
- Workshop: Injury epidemiology, treatment, costs and legislation during the COVID-19 pandemic Organised by: EUPHA-INI, EUPHA-PHMR, EUPHA-EPI, EUPHA-ECO
- Skills building seminar: A new framework for developing and evaluating complex interventions

WCPH 2020, Online event, pre-conferences/workshops:

 Workshop: Harnessing the digital transformation of disease prevention: a focus on m-health and genomics (abstract) Organised with: EUPHA-PHG, EUPHA-DH, EUPHA-HP

EPH 2019, Marseille, France, pre-conferences/workshops:

- Pre-conference: Demystifying causal inference and mediation methods for public health researchers with the EUPHA Researc Pillar advisor
- Maternal & child health policy evaluation:utilising administrative data & natural experiment designs

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- Workshop Real-world data: are we ready to take up the challenge?
- EPH 2018, Ljubljana, Slovenia, pre-conferences/workshops:

Activities at the current EPH conference and collaboration with section members





15th European Public Health Conference 2022

Strengthening health systems: improving population health and being prepared for the unexpected

hub27, Berlin, Germany, 9-12 November 2022

PRE-CONFERENCE

Natural experimental evaluations for public policy and health systems: recent advances and updated guidance



9 - 12 November 2022

in collaboration with the EUPHA Research Pillar, EUPHA-ECO, EUPHA-HSR and University of Glasgow

- Section meeting participants at the EPHC2021 suggested some topics for the 2022 EPH conference workshops and pre-conferences. Among these, one that attracted much attention was natural experiments.
- The pre-conference provided an overview of natural experimental evaluations, including recent advances in designing, analysing and reporting natural experimental evaluations.
- Dr Peter Craig and Dr David Ogilvie, who developed the UK updated guidelines for natural experiments evaluation were the main speakers, and Dr Ruth Dundas chaired the preconference. It was held on Wednesday from 9.00 to 17.00

Workshop that EPI Section promoted

Quality of COVID-19 science: meta-research and the ethical implications for public health

in collaboration with EUPHA Research Pillar, EUPHA-ETH, EUPHA-PHG, EUPHA-HTA, UK Faculty of Public Health



9 - 12 November 2022

This workshop examined the role of meta-research in addressing some of the COVID-19
pandemic research challenges and give an overview of the concept of "the science" as an idea
used in public decision-making and policy.

- Chairs: Dr Stefania Boccia, Dr Alastair Leyland
- Speakers: Dr Lazaros Belbasis (University of Oxford), Dr Tracey Weissgerber (Berlin Institute of Health), Dr Angelo Pezzullo (Università Cattolica del Sacro Cuore), Dr John Coggon (University of Bristol)
- Thu 10th 15:00-16:00 Alpha 6

Other Workshops that EPI Section co-organized

Research Methods for Public Health Oriented Health Services Research – what works where and for what

in collaboration with EUPHA-HSR, EUPHA-ECO, EUPHA-HTA, EUPHA-HIA, EUPHA-PHPP



- Cross-sectional workshop organized by EUPHA-HSR
- Presentation on the use of traditional and innovative epidemiological study designs for public health relevant inferences.
- Thu 10th 9:00-10:00 Beta 4

Other Workshops that EPI Section co-organized

Health care systems, health service provision, and equity in health

in collaboration with EUPHA-HSR



9 - 12 November 2022

- Chairperson(s): Johan Hansen (EUPHA-HSR), Stefania Boccia (EUPHA-EPI)
- A proposal to integrate health systems, health services and population health research will be presented Speakers:

Peter Groenewegen (Netherlands)

Ilmo Keskimäki (Finland)

Alastair Leyland (EUPHA)

Ellen Nolte (United Kingdom)

Aileen Clarke (United Kingdom)

Alison Mc Callum (United Kingdom)

Fri 11th 9:00-10:00 Beta 8

Other Workshops that EPI Section co-organized

Injury Severity Classification and burden of disability measurement

in collaboration with EUPHA-INJ, EUPHA-PHMR, and EUPHA-ECO



- Severity in a Norwegian hospitalized injury material (N=177,663) by two severity measures: threat-to-life and threat of disability - Johan Lund (EUPHA-INJ)
- Methodological considerations when assessing the Burden of Disease due to injuries Robby De Pauw (Belgium)
- Quantification the cost of injuries Juanita Haagsma (Netherlands)
- Sat 12th 11:40-12:40 Beta 1





Programme

Fifth meeting of the WHO Regional Director's Advisory Council on Innovation for Noncommunicable Diseases:

Fostering a Public Health Movement to Accelerate Action on Noncommunicable Diseases

November 9, 2022, Berlin

Call for applications for a second EUPHA-EPI vice president

 We need your CV and a presentation letter on your potential contribution to the Section

 Please send a presentation letter on your potential contribution to the Section to <u>stefania.boccia@unicatt.it</u>



WE NEED YOUR INPUT

Proposals for Workshop on 2023

Proposals for the EPH Week (May 2023)

Proposals for Pre-Conference course for 2023