

PARTICIPATORY RESEARCH VIA SCIENCE SHOPS

The deadline for the latest calls in Horizon 2020's Science with and for Society work programme has just passed. A total of 110 proposals were submitted in response to H2020-ISSI-2015 call. The number of proposals for each topic is huge, given the number of projects to be funded (ISSI-1: 56, ISSI-3: 14, ISSI-4: 16, ISSI-5: 24). Interest in activities and cooperation related to Public Engagement, Science Cafés or Exhibitions, Knowledge Sharing or changing institutional structures for a more Responsible Research and Innovation has increased enormously. Sure this is a great success. Hopefully this high competition will not lead to frustration but will be understood as signal beyond the framework programme to put more efforts into research with and for society. Also the new draft work programme 2016-2017 recently has been published. It will offer another 100 Mio Euros for 25 calls which mainly will open in April next year. But when looking closer into this draft work programme one topic can make us proud of the work we all have done and delivered in many projects during the last years: SwafS-01-2016: Participatory research and innovation via Science Shops. The call text says 'The Science Shop model of participatory research and innovation has been successful in bringing students, researchers and civil society together towards tackling real issues at the local and regional levels ... This topic will provide support to universities, and other re-

search performers, to establish or strengthen science shops throughout Europe, and beyond. Science shops will serve to demonstrate how students and researchers can assist communities tackle real life problems or explore opportunities for sustainable futures.'

Yes! Let's do it! Keep on going with your excellent work. Norbert Steinhaus

PROJECTS



In July 2015, the EnRRICH project - Enhancing Responsible Research and Innovation through Curricula in Higher Education – has successfully started. The project involves 13 consortium members (higher education & research institutions and a CSO) from 10 European countries and builds on the experiences of projects such as PERARES or RRI Tools. The consortium laid the foundations for the coming 30 months during the kick-off meeting in Cambridge.

EnRRICH aims at improving the capacity of students and staff in higher education to develop knowledge, skills and attitudes to support the embedding of RRI in curricula, by responding to the research needs of society as expressed by civil society organisations (CSOs). Networking, learning from experience and sharing and improving good practices across Europe and beyond will be in the focus of the project's activities. The 7th Living Knowledge Conference in Dublin in June 2016 will allow to share early learning

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The EnRRICH Consortium, July 2015

with an international audience and federate the exchange of ideas as well as the debate on effective approaches to embedding RRI into the curriculum.

As RRI is a rather new concept, especially in educational domains, EnRRICH recently took off with a revision of background information and a state of the art review relating to RRI in curricula across different academic disciplines and levels in higher education. Which good RRI teaching and learning practices are already present in higher education curricula? But also: which RRI competencies should students develop? In this way, student learning outcomes and competencies which should contribute to the development of responsible and responsive graduates are articulated, acting as a solid base for the rest of the project. Furthermore, students, stakeholder organisations, lecturers and others will be consulted to generate case studies of RRI in curricula and identify needs for further development. This will lead to a manual for curricula embedded learning about RRI.

During the academic year 2016-2017 partners will pilot good RRI practices in their own institution. Following previous Science Shop work in the European projects PERARES and TRAMS EnRRICH will help to establish new Science Shops and support already established ones. Building on many years' experiences of building bridges between science and society, between societal concerns and research resources, Science

Shops offer an ideal platform to embed RRI in curricula of higher education. As the global community of Science Shops keeps on expanding, EnRRICH will consolidate the existing expertise with a Community of Practice. Examining standards of academic quality in teaching and learning and looking at good practices from other projects will lead to a template that other members can use to stimulate discussion in their region, country or institution. Through exchanging and piloting and the ongoing dialogue with academics, policymakers, and CSOs, EnRRICH will kick start debates at institutional, national and international levels to create awareness of and enhance the policy context for RRI in curricula and thereby produce more responsible and responsive graduates and researchers.

Visit the project's website for more information: www.enrrich.eu, or contact the project's coordinator: Jozefien De Marrée, Vrije Universiteit Brussel, Wetenschapswinkel, jozefien.de.marree@vub.ac.be

Policy EnRRICHment – Call for best practice

As part of the Horizon 2020 funded EnRRICH project (www.enrrich.eu), the consortium is seeking models of good practice in policy development around the issues of Science Shops/Public Engagement and Responsible Research and Innovation in academic curricula. The focus is on how and where engaged research through the curriculum is enabled and encouraged by policy. The consortium is interested in collecting examples from all academic disciplines and policy levels and is looking for the following:

- Examples of how policy supports Science Shop or engaged research work at the level of individual universities or academic courses and modules;
- Examples of how policy supports Science Shop or engaged research work at regional or national level;
- Examples of how policy supports Science Shop or engaged research work at international level;

- Examples of how academics are encouraged to support Science Shop or engaged research work and how they are rewarded (eg by promotion, other recognition);
- Examples of professional frameworks where Science Shop and engaged research work are acknowledged and rewarded – this may include discipline specific frameworks;
- Examples of university ranking systems which incorporate elements which reflect Science Shop or engaged research work, and
- Any other examples that you think might be relevant.

If you have models of good practice that you would like to share, please forward to Ruth O'Donnell and Kenneth Burns at ruth.odonnell@ucc.ie or Tweet at @ EnRRICH_EU before October 20th.



7th Living Knowledge Conference – Dublin 22-24 June 2016

INSPIRE – Integrating community based partnership into learning and teaching for responsible research and innovation (RRI)

CALL FOR SUBMISSION NOW OPEN

The 7th Living Knowledge Conference will be hosted by Dublin Institute of Technology in Dublin, Ireland, from June 22-24, 2016. As part of the EnRRICH project, which aims to enhance Responsible Research and Innovation through the curriculum in Higher Education, the conference focuses on how to build collaborative research into learning and teaching structures in Higher Education. The grand societal challenges that lie before us will have a far better chance of being tackled if all societal actors are fully engaged in the co-construction of innovative solutions, strategies, products and services.

Would you like to exchange and develop knowledge and practices on how best to bring local communities, civil society organisations, students, researchers and educators together to collaboratively undertake responsible research and innovation? Please send us your proposals for interactive, collaborative, and engaging sessions for Living Knowledge 7 in Dublin, where we will build excitement, partnerships and policy by exploring these and other questions:

 How can academics and community partners inspire students to become engaged researchers and social innovators?



- How can we contribute to making high quality research more responsive and more participatory?
- How can we encourage more people to explore and use the results of publicly funded research?
- How can we make innovation more inclusive and more universal?
- How can we inspire each other to try new approaches, change our thinking, and embed good practices?

Find more information on the call under http://bit.ly/1W3IA2z

Final deadline for submissions: 7th January 2016. Please send your proposals to livingknowledge@dit.ie

Provisional timeline:

February 2016: notification of acceptance of abstracts March 2016: deadline for early bird registration 22-24 June 2016: conference

More information on the conference can be found under www.livingknowledge.org/LK7

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NCCPE Engage 2015 Conference

The Engage 2015 conference of the National Co-ordinating Centre for Public Engagement (NCCPE) will take place from 2-3



December 2015 in Bristol, United Kingdom. It teases out the dynamic relationship between engagement and impact: how can researchers find better ways of involving people from outside academia in conceiving, shaping, producing and applying powerful research? Does such engagement actually create better research? How can we find reliable ways to describe the wider social benefits that engagement can create? Drawing on cutting edge practice across the disciplines the conference will explore what we know about how to make engagement processes work really well, on a local, national or global stage.

Find out how you can get involved: http://bit.ly/1irT1Oe

Engaging Society in Responsible Research and Innovation: What's Next?

The final conference in the Engage2020 project marks the culmination of Engage2020. It will take place from 9-10 November 2015 in Brussels, Belgium. The EU-funded project has spent two years mapping engagement methods and practice across Europe. The conference will present the results of the project and stage discussions of trends, needs, tools and instruments for an increased and better societal engagement in research and innovation.

- Learn: Acquire knowledge about the latest and most promising developments in public engagement in research and innovation.
- Discuss: The conference will focus on how to take engagement to the next level.
- Network: Meet internationally recognised practitioners and researchers in the field of public engagement.
- Train: The conference will provide opportunities to equip you with the skills and inspiration you need to start your own public engagement projects.

http://engage2020.eu/news/european-conference/



RRI in motion!

The fourth newsletter of RRI Tools was released at the beginning of September and informs about examples of inspiring tools and promising practices from RRI Tools Hubs, suggests good reads, informs about the most read from social media and upcoming interesting events. Find out more about the Community-Engaged Scholarship for Health (CES4Health) toolkit and about diversity in the computer industry.

RRI in motion - enjoy reading the newsletter and subscribe for the following issues http://bit.ly/1LAdMy5

RRI Tools is also providing you many moving pictures. Browse the collection of videos on the project's YouTube channel to watch interviews, talks and the new series of videos clarifying the different facets of RRI. You can also visit the project's blog, like the RRI Tools Facebook page and follow the project on Twitter to stay updated about the project activities and current RRI news.



Fostering Responsible Research and Innovation

Local Science Cafés to get involved

To tell a broad spectrum of people about topics related to RRI, all national hubs of the RRI-Tools project organize local events like science cafes and invite stakeholders and the public to participate. Bonn Science Shop as German hub organizes so called "cafeteRRIas" to get people involved. The first event on RRI as a crosscutting theme in the EU Framework Programme for Research and Innovation - Horizon 2020 - took place in August. The next "cafeteRRIa" in Bonn takes place on 7th October 2015 and deals with the topic "What can science learn from citizens? Citizen Science and Citizens' Knowledge". If you want to be part of the RRI Tools Community of Practice, register with the RRI Tools database, get involved and stay informed about project progress and activities - make use of this opportunity to be updated about RRI issues in your region: http://www.rri-tools.eu/register

Kick-off of European Project HEIRRI

On 16th September the consortium of the three-year European project HEIRRI (Higher Education Institutions & Responsible Research and Innovation) met for the first time in Barcelona, Spain to kick off the new project. HEIRRI aims to integrate the concept of Responsible Research and Innovation in university careers in science and technology, so that research and innovation meets societal needs, values and expectations. The project is coordinated by the Universitat Pompeu Fabra Barcelona, Spain and officially started 1st September. A close cooperation and exchange with the EnRRICH project is intended. http://bit.ly/1gGipOx

European Foundations Award for RRI

Apply now!

Europe introduced its first award for scientific research to find appropriate responses to social challenges. The European Foundations Award for Responsible Research and Innovation is launched with the aim of celebrating excellent research practices by actively exploring, articulating and sharing promising innovative responsible research practices across Europe. The award is a new and joint initiative of the King Baudouin Foundation with "la Caixa" Foundation (Spain), Fondazione Cariplo (Italy), Lundbeck Foundation (Denmark), the Robert Bosch Stiftung (Germany) and the European Foundation Centre Research Forum. In today's research and innovation, increasing importance is attached to responsibility. Researchers from different disciplines are becoming more aware of the impact of their work on society. There is a growing interest in anticipating how decisions in research shape society, the environment and our future. Researchers purposely



European Foundations Award for Responsible Research & Innovation

integrate ways to reflect on, and be transparent about, the impact of their work. Such methods - referred to under the umbrella term of 'Responsible Research and Innovation' (RRI) - enable researchers to contribute responsibly to developing smart, inclusive and sustainable societies.

Universities, research centres, individual researchers, research consortia, civil society organisations and any other type of organization involved in a responsible research practice is eligible to apply. Researchers that successfully apply RRI methods are invited to submit their projects. Fifteen finalists will be selected and visited in order to examine the design, process and impact of their projects. Finally three of them will be rewarded with a prize of €20,000 each.

Deadline for submission: 7th December 2015 Announcement of the selection: 15th December 2016 More information on the application process: http://bit.ly/1KshlK4



Related News

Campus Engage Participate Programme

The Campus Engage National Network in Ireland has been set up to promote civic engagement as a core function of Higher



Education on the island of Ireland, by better enabling Higher Education Institutions (HEIs), their staff and students across all disciplines, to engage with the needs of the communities they serve. With the new capacity building service, The Participate Programme, Campus Engage offers staff and community-based organisations a selection of capacity building initiatives that will give attendees the tools to incorporate community-based research and learning into their curriculum and work plans. A database of the Campus Engage case studies including community-based research, community-based learning; volunteering and student-led engagement taking places across Ireland is accessible through their website. Watch their latest video on YouTube http://bit.ly/1ijmetW or visit their webpage to find out how to get involved http://bit.ly/1iRKG6q

Affiliation of CCBR with St. Paul's University College, Waterloo, Canada

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The Centre for Community Based Research (CCBR) has affiliated with St. Paul's University College to collaborate on research that contributes to community development. St. Paul's offers students at the University of Waterloo programs and services in international development, Aboriginal education, and social innovation, among other things. The affiliation will allow the two institutions to

strengthen their missions, both of which are based on the idea of finding solutions to pressing societal problems. http://www.communitybasedresearch.ca/ and https:// uwaterloo.ca/stpauls/news



CENTRE FOR

Citizen Science is blooming: New Citizen Science Association in the US

A community of practice built on collaboration is currently forming itself in the US. The Citizen Science Association's (CSA) mission is to advance citizen science through communication, coordination, and education. The Association relies on collaborations and contributions from dozens of organizations and individuals and is now inviting inaugural members. There is no cost for membership at this time. A journal Citizen Science: Theory and Practice will be launched which provides a central space for cross-disciplinary scholarly exchanges that are aimed at advancing the field of citizen science. Find out more on http://citizenscienceassociation.org/

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Certificate in Knowledge Mobilization: Turning Knowledge Into Action

The University of Guelph (Ontario, Canada) is launching a new Certificate in Knowledge Mobilization. The Certificate has been designed to develop participants' knowledge, skills and values with respect to knowledge mobilization (and related concepts, such as knowledge translation and transfer, and knowledge exchange), and build capacity to select and apply KMb tools and techniques to move knowledge into action. The first course starts in November 2015. Learn more about the programme on www.knowledgemobilization.ca

REPORTS and PAPERS

Public Engagement Innovations – Catalogue of PE initiatives

Public engagement in science has been recognised as one of the success factors of science governance and public acceptability of



science. Innovative new methods of public engagement are being, however, continuously sought for. The Public Engagement Innovations for Horizon 2020 –project (PE2020) is a European funded project that is aiming to answer these burning needs. The latest result of the project is a catalogue of innovative public engagement initiatives in Europe and oversees. The catalogue is formed with the help of firsthand information collected with a survey answered by the organisers or initiators of the most innovative public engagement projects and programmes. Download the catalogue under http://bit.ly/10sywg9

Manifesto for a citizenship training of engineers

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Ingénieurs sans frontières France has been working for more than a decade on critical reflection and debate on how to transform engineering training in order to respond to the need of social transition



towards environmental and social justice all around the globe. Last April, the NGO has published its Manifesto for a Citizenship Training of Engineers, available now also in English and Spanish. The manifesto demands changes in the governance and in the contents of French engineering training and aims at generating



constructive debate about this issue, in France and beyond. Download the manifesto (in French, Spanish or English) under http://bit.ly/1hkMYKh

Indicators for promoting and monitoring Responsible Research and Innovation

Early in 2014 the European Commission appointed an expert group 'to identify and propose indicators and other effective means to monitor and assess the impacts of Responsible Research and Innovation (RRI) initiatives, and evaluate their performance in relation to general and specific RRI objectives'. The report presents the results of the work of the expert group. It contains three parts:

- first a conceptual introduction of RRI;
- second a detailed review of possible indicators in eight key areas for RRI policy; and
- third a number of concrete proposals for indicator design and implementation.

You can read and download the full report here: http://bit.ly/1KEAkRh

Working Paper on participation of civil society in research and innovation policy

This paper, published on the civic platform "research change" (Zivilgesellschaftliche Plattform Forschungswende), argues that successfully facing the complexity and dynamic of our grand future challenges is only possible by involving a plurality of stakeholders into the discourse. Co-design, co-production and co-communication with civil society actors strengthen the implementation of research and innovation approaches. Civil society actors develop innovations bottom-up, they intensify the communication on innovation and research with the public as multipliers, they jointly shape research agendas and programmes and they bring societal needs into the discourse. Read the whole working paper in German language: http://bit.ly/1NtzdoO

The platform "Forschungswende" supports the development of transdisciplinary research and innovation policy with the following aims:

- to develop positions of civil society referring to science, research and innovation
- to enhance the standing of civil society in science, research and innovation
- to support the participation of CSOs in agendasetting processes, programme development and project implementation
- to offer space for deliberative processes between science, economy and politics as well as civil society
 Find the platform under (German language): http://forschungswende.de

Horizon 2020 - SwafS: Draft work programme 2016-2017 released

The European Commission has released a preversion of several parts of the work programme 2016-2017, including the part for the area Science with and for Society. For the years 2016-2017, a call is planned that is divided into four areas and structured in 25 topics in total. The call for tender opens on 13 April 2016 respectively 12 April 2017, deadline is 30 August 2016 respectively 30 August 2017. The intended budget for the 25 topics is 98,57 millions Euro. The official release of the work programme is announced for mid October 2015. More parts of the work programme 2016-2017 are available under https://ec.europa.eu/programmes/ horizon2020/en/draft-work-programmes-2016-17. The following topics will be announced (selection):

- Institutional Change to Support Responsible Research and Innovation in Research Performing and Funding Organisations
 - o SwafS-01-2016: Participatory research and innovation via Science Shops
 - o SwafS-08-2017: European Community of Practice to support institutional change
- 2. Embedding Responsible Research and Innovation in Horizon 2020 Research & Innovation
- SwafS-10-2017: Putting Open Science into action
- 3. Strengthening the Science with and for Society Knowledge-Base o SwafS-11-2017: Science education outside the classroom
- 4. Developing Inclusive, Anticipatory Governance for Research & Innovation
 - o SwafS-15-2016: Open Schooling and collaboration on science education
 - o SwafS-16-2016: Mapping the Ethics and Research Integrity Normative Framework
 - o SwafS-23-2017: Responsible Research and Innovation (RRI) in support of sustainability and governance, taking account of the international context



PUBLICATIONS and ARTICLES

Gateways: International Journal of Community Research and Engagement

The Gateways journal has just published its latest issue including various articles on Community Research and Engagement all over the globe. Gateways is a refereed journal concerned with the practice and processes of university-community engagement. It provides a forum for academics, practitioners and community representatives to explore issues and reflect on practices relating to the full range of engaged activity. The journal publishes evaluative case studies of community engagement initiatives; analyses of the policy environment; and theoretical reflections that contribute to the scholarship of engagement. Gateways is jointly edited and managed by UTS Shopfront at the University of Technology, Sydney, and Center for Urban Research and Learning at Loyola University, Chicago. Subscription to the journal is free.

Browse the latest issue and read more about improving health and education outcomes for children in remote communities or the application of CBR principles and practices in the homeless sector.

To browse its latest issue (Vol 8, No 1 (2015) visit http://bit.ly/1FapWAT

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Community Participatory Involvement

By Whiteford, L., University of South Florida and Cecilia Vindrola-Padros, University College London, California (2015), 199 p.



The book looks at a communitybased health care model from an applied anthropological perspective. Using the South American cholera epidemic of the early 1990s as an example, it explains how the CPI model is used and shows how it can be replicated in a variety of environments.

Paperback US\$ 32,95 / ISBN 978-1-62958-103-3, http://lcoastpress.com/book.php?id=587

Getting Involved in Ageing Research: A guide for the community and voluntary sector

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Research is a vital tool in improving older people's lives and is critical for organisations concerned with ageing and older people. The Centre for Ageing Research and Development in Ireland (CARDI), Queen's University Belfast, recently published a guide entitled 'Getting Involved in Ageing Research', which aims at the voluntary and community sector. It sets out a framework to help understand how to maximise the benefits of getting involved in research projects and partnerships. Dowload the guide under http://bit.ly/1UVKmEF

Upstream Public Engagement in Nanotechnology: Constraints and Opportunities

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Article by Krabbenborg, L. & Mulder, H. A. J. (2015) In: Science Communication. 37, 4, p. 452-484 Upstream public engagement with new science and technology is considered important but challenging. This article shows how engagement events are embedded in broader institutional and cultural contexts. By studying two different cases of upstream engagement in nanotechnology, we demonstrate how existing institutional responsibilities and cultural repertoires contribute much to the productivity of actual engagement events. Insight into these wider world dynamics will help science communicators (or event organizers) foster reflection and deliberation among relevant actors about whether and how upstream public engagement can have an impact on the governance of new science and technology.

Access to the article via http://scx.sagepub.com/content/37/4/452

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Research Justice: Methodologies for social change

By Jolivette, A.J. (2015), 240 p.



Research Justice (RJ) is a strategic framework and methodological intervention that seeks to transform structural inequities in research. The book builds upon the methodological frameworks developed by the national non-profit organization, DataCenter Research for the book to take a radical aparage.

Justice and is the first book to take a radical approach to socially just, community centred research. Challenging traditional models for conducting social science research within marginalized populations, it examines the relationships and intersections between research, knowledge construction, and political power/legitimacy in society.

Paperback £26.99 / ISBN 9781447324638, http://www. policypress.co.uk/display.asp?K=9781447324638



CONFERENCES - WORKSHOPS - FORUMS

Community Research and Action in the West (CRA-W) Conference

October 16, 2015 in Bothell, USA

CRA-W is an annual event that provides an opportunity to share ideas, practices, and learning from recent completed or ongoing community-based work. The theme for this year's conference is "Breaking Boundaries through Community Engaged Social Justice Work". http://www.uwb.edu/ias/scholarship/cra-w

12th International Pascal Conference

October 7-9, 2015 in Catania, Italy

The theme of the conference concerns how cities and their regions are connected to their universities at strategic frontiers. http://bit.ly/1T81FxZ

4th University-Community Engagement Conference

November 1-3, 2015 in Gold Coast, Australia The theme of the Conference is "Enhancement and Innovations in University-Community Engagement". http://ucec2015.com/index.html

Excellence for everybody!? Citizen Science, Universities and Science Shops – looking ahead!

November 6-7, 2015 in Oldenburg, Germany www.wissnet.de/konferenz/programm. Conference language and webpage is in German. Registration is open www.wissnet.de/anmeldung

Engaging Society in Responsible Research and Innovation: What's Next?

November 9-10, 2015 in Brussels, Belgium The final conference in the Engage2020 project http://engage2020.eu/news/european-conference

Communicate 2015: Challenging Partnerships

November, 10-11, 2015 in Bristol, UK Communicate is the UK's leading conference for environmental communicators. http://www.bnhc.org.uk/communicate/

Conference Revolutionary Scholarship: Innovation of Community Engagement Models

November 16-18, 2015 in Boston, USA The conference is targeted to scholars, practitioners, students, and community partners interested in research on service-learning, community-based research, campus-community partnerships, and civic learning outcomes in P-20 education.

http://www.researchslce.org/conferences

Social Innovation Confernce 2015: **Pathways to Social Change**

November 18-19, 2015 in Vienna, Austria The conference will connect researchers with policy makers and practitioners of social innovation. www.si-drive.eu

Workshop: Global Health and Participatory **Action Research and Evaluation**

November 20-22, 2015 in Toronto, Canada Hands-on learning and practice using flexible and rigorous participatory action research tools developed and tested by an international community of practice in settings around the world.

http://conta.cc/1MLzV0j

NCCPE Engage 2015 Conference

December 2-3, 2015 in Bristol, UK The conference will explore what we know about how to make engagement processes work really well, on a local, national or global stage. http://bit.ly/1irT1Oe

Euclid Summit: Power to drive positive change

February 24-26, 2016 in Zagreb, Croatia The Euclid Summit will help build new knowhow and skills for innovative civil society organisations and social enterprises in a changing world. http://bit.ly/1J5FrLn

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