

SCIENCE FOR EVERYONE

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Solving wicked problems, such as climate change and biodiversity loss, needs input from everyone. Universities and especially university museums play a crucial role for this by increasing knowledge and science capital by engaging with audiences, creating experiences and opportunities to connect with science. Jyväskylä university museum educates its audiences on cultural and natural heritage, on science and scientific literacy and most recently on planetary wellbeing and it encourages people to become planetary citizens. As a part of the Open Science Centre (university museum and library) the museum coordinates the new Science for Everyone platform for outreach activities of Jyväskylä university. The platform lowers the threshold to participate and engage and makes the activities easily accessible. The museum collaborates with faculties, scientists and students at the university, local businesses and organisations, volunteers, and the city of Jyväskylä. And it organizes numerous science communication and science education activities: science events, special exhibitions, university of children and 3rd age, workshops, citizen science, information services, collections services and lifelong learning services. Science for Everyone bridges the gap between science and society. It offers an access to evidence-based information for everyone and promotes critical thinking and evidence-based decision making that is needed for a transformation towards a more sustainable future.

Biographical notes:

PhD Jonna Timonen Curator of education in Jyväskylä University Museum. My main interest lies in science education and outreach activities. Having a background in conservation biology, I believe that multidisciplinary approach to science education and outreach activities will increase people's understanding of science and the construction of knowledge, leading to planetary citizenship.

PhD Tanja Koskela. Chief curator in Natural History Museum and collections. My main interests include how openly accessible research infrastructures such as digitised scientific collections can be versatilely used in research, decision-making, education and outreach activities.

MA Kati Karvonen. Coordinator in Open Science Centre. My main interests are science education, art-based learning, wellbeing, learning environments, creativity, experiential and cooperative learning.

MA Pirjo Vuorinen. Head of Jyväskylä University Museum. My primary interests are the history of education, academic heritage, and the cultural history of universities. I have published scientific and popular articles on topics relating to museology, ethnology, cultural history and academic heritage.