

Tampere University
Tampere University of Applied Sciences

Research Strategy of the Tampere University Community

Human
Potential
Unlimited.



The Tampere university community is made up of the research-intensive Tampere University and the development-focused Tampere University of Applied Sciences. These universities form a community of 35,000 students and academic experts.

In our community, knowledge and novel inventions are effectively brought into practice through close collaboration, networking and a well-functioning innovation ecosystem.

We are committed to openness, the sharing of ideas, sustainable development, fairness and equality.

Our vision and how we realise it



The Tampere university community responds to strategically selected global and local challenges through our multi- and transdisciplinary research, development and innovation activities.

Working in close collaboration, research in technology, health and society will produce breakthroughs in science, business and society.

Our research will have a global impact, both scientifically and societally, in the areas determined by our profile.



We make the Tampere university community an international forerunner in multi- and transdisciplinary research.

We carry out our vision by building a globally oriented, research-intensive university that promotes progression from fundamental research, through innovations and process design, to novel applications and implementation.

We strengthen our stimulating research community through intensive networking, cooperation and outstanding research environments.

We promote responsible and open science.

Our promise

We are committed to excellence in research, development and innovation.

We will produce leading professionals of knowledge, who will change the world by tackling global challenges for humanity.

We will make scientific discoveries and breakthroughs, which will lead to remarkable innovations and applications, benefiting humanity through well-being and sustainable society and economy.



Vision through outstanding research

Our research profile is largely based on the strategically selected profiling areas and the research activities of the spearhead groups.

Our spearheads of research have been defined as outstanding by international evaluations.*

We invest in human capacity and excellent infrastructures to nurture world-class research environments.

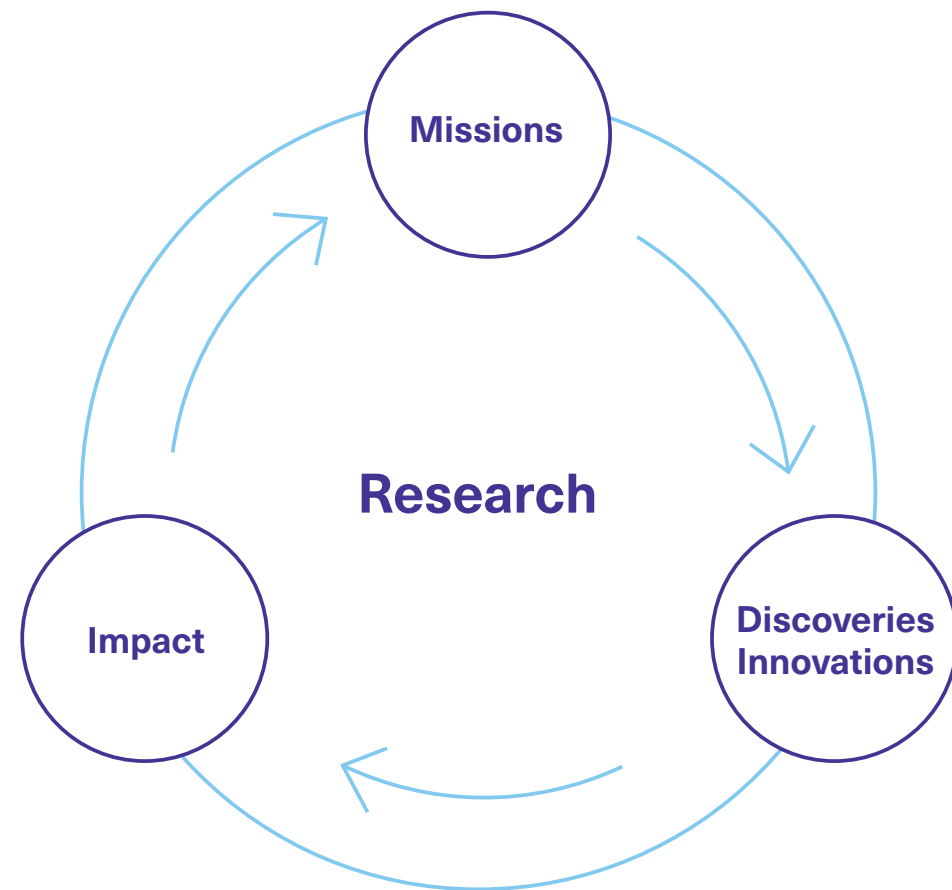


We value research integrity. We conduct research responsibly, adhering to good scientific practice and ethical principles.

Local and global challenges

Strengths and opportunities of the Tampere university community:

- Spearheads and profiles of research
- Multi- and transdisciplinary research
- Partnerships
- Research environments and support



Bringing fundamental research into practice

Our missions



The missions of the Tampere university community



Key actions to implement the research strategy

Management and organisation

- 1.** The Tampere university community manages and facilitates research by strategic planning and decision-making.
- 2.** Research is carried out in research groups, research centres, and multi- and transdisciplinary platforms.
- 3.** The university community reinforces the utilisation of research results for the benefit of science, society and economic life.



Infrastructures and resources

- 4.** The operative management team supports both existing spearhead research and new emerging fields with sufficient resources.
- 5.** Top-quality science is boosted by strategic investments in research environments.
- 6.** Researchers actively utilise and contribute to local, national and international infrastructures.
- 7.** The research infrastructures are strategically planned, described in a consistent way, and opened to partners.

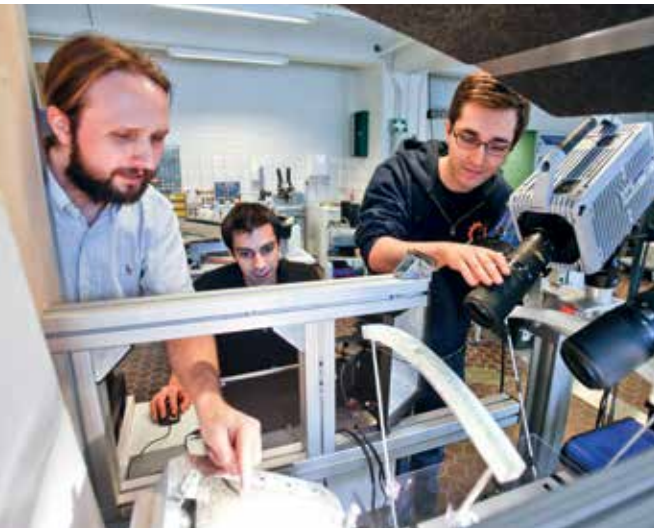
Education and careers

8. Research and education are closely integrated in the study programmes and research communities.
9. The joint Doctoral School and doctoral programmes offer excellent training to every researcher at all career levels.
10. A clear and transparent career path system is established to invite talented, internationally oriented researchers.
11. Promising key researchers are offered substantial starter packages.
12. The university community actively promotes diversity and gender equality.



“To be good is no longer enough – excellence, by definition, must go beyond that.”

Nature (editorial) 554, 403–404 (2018)

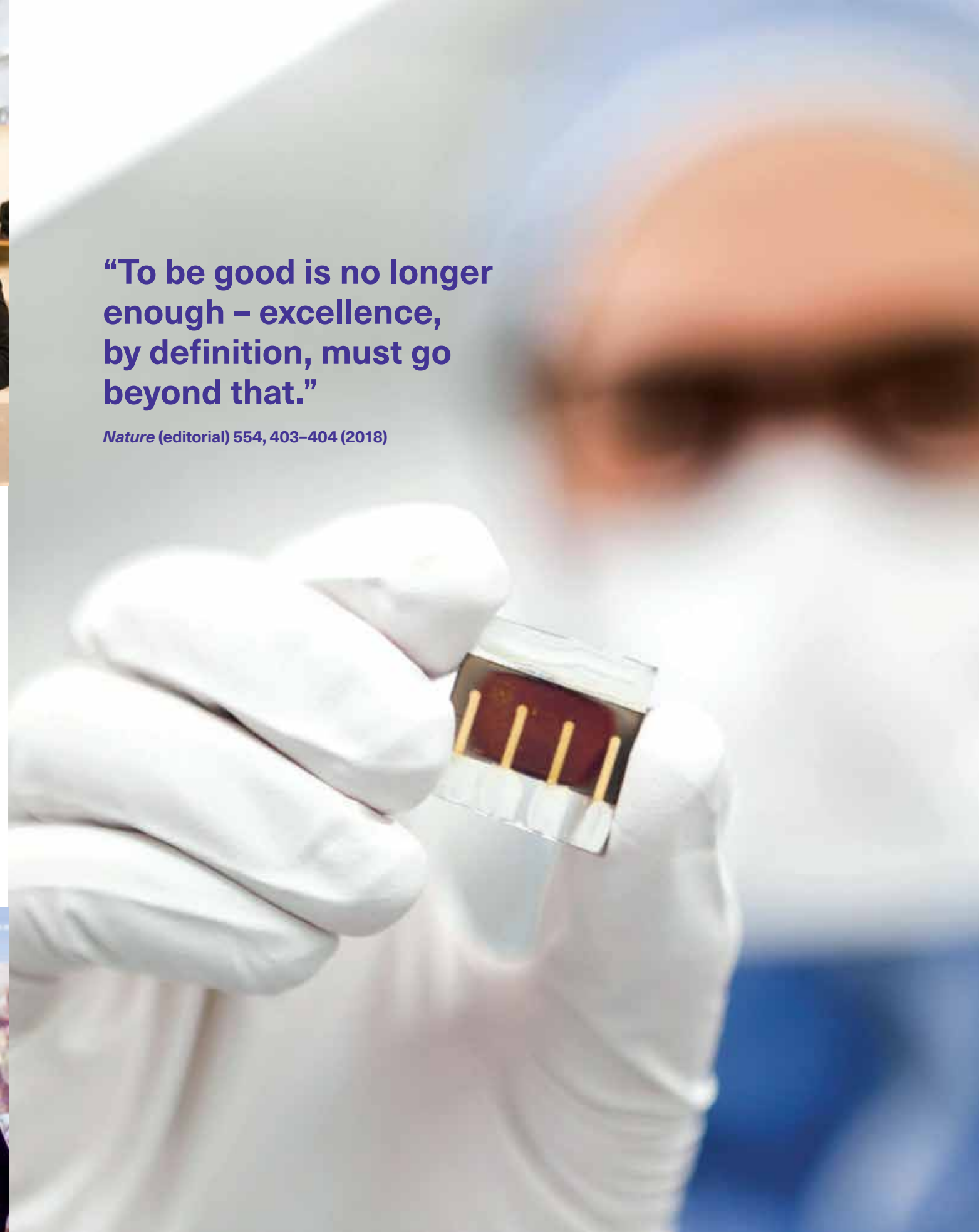


Research funding and services

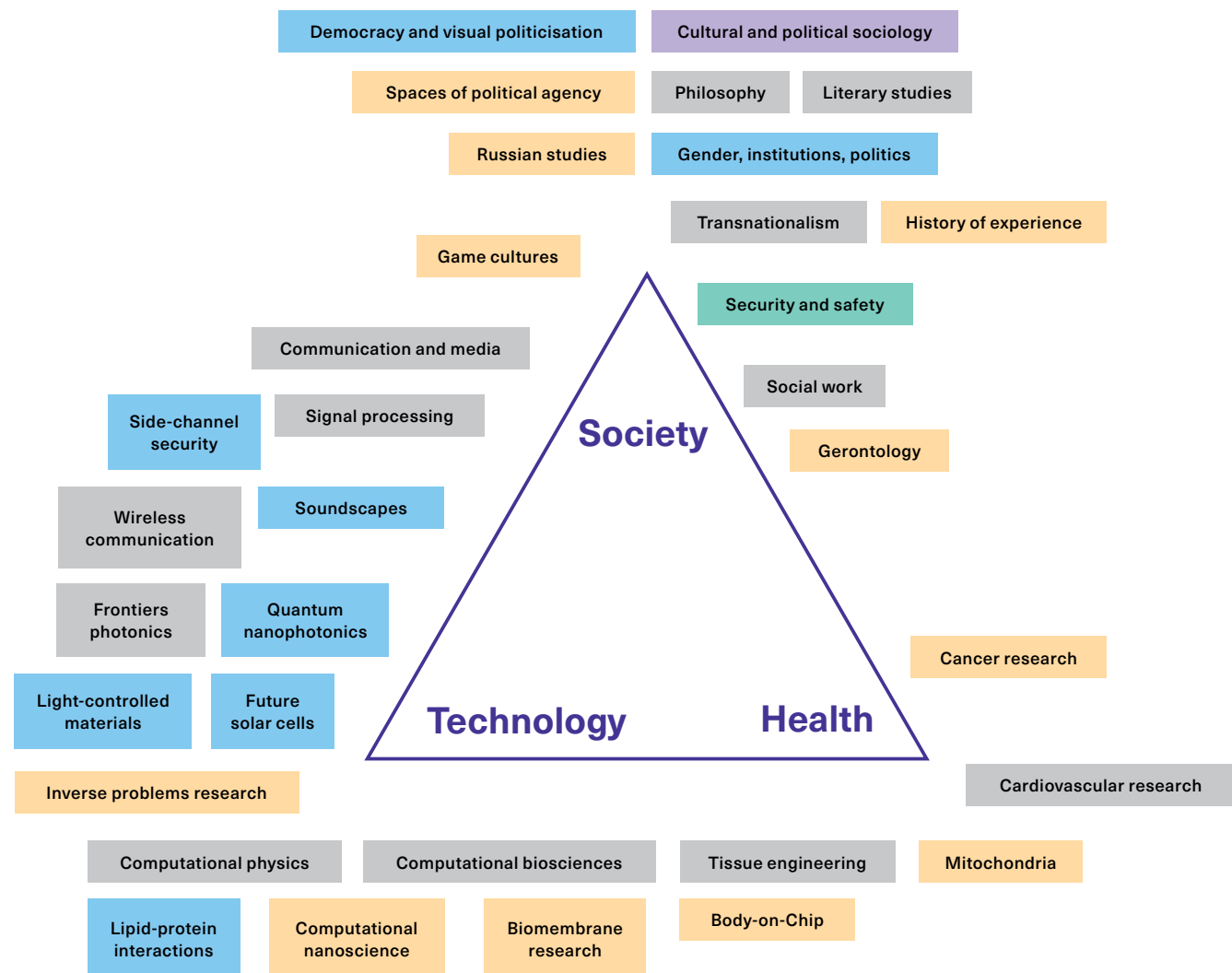
13. External research funding is applied in a systematic and proactive manner based on clear objectives.
14. The faculties exploit a common operating model to achieve the desired funding.
15. Well-resourced support services guarantee the successful acquisition of funding.

Open science and communication

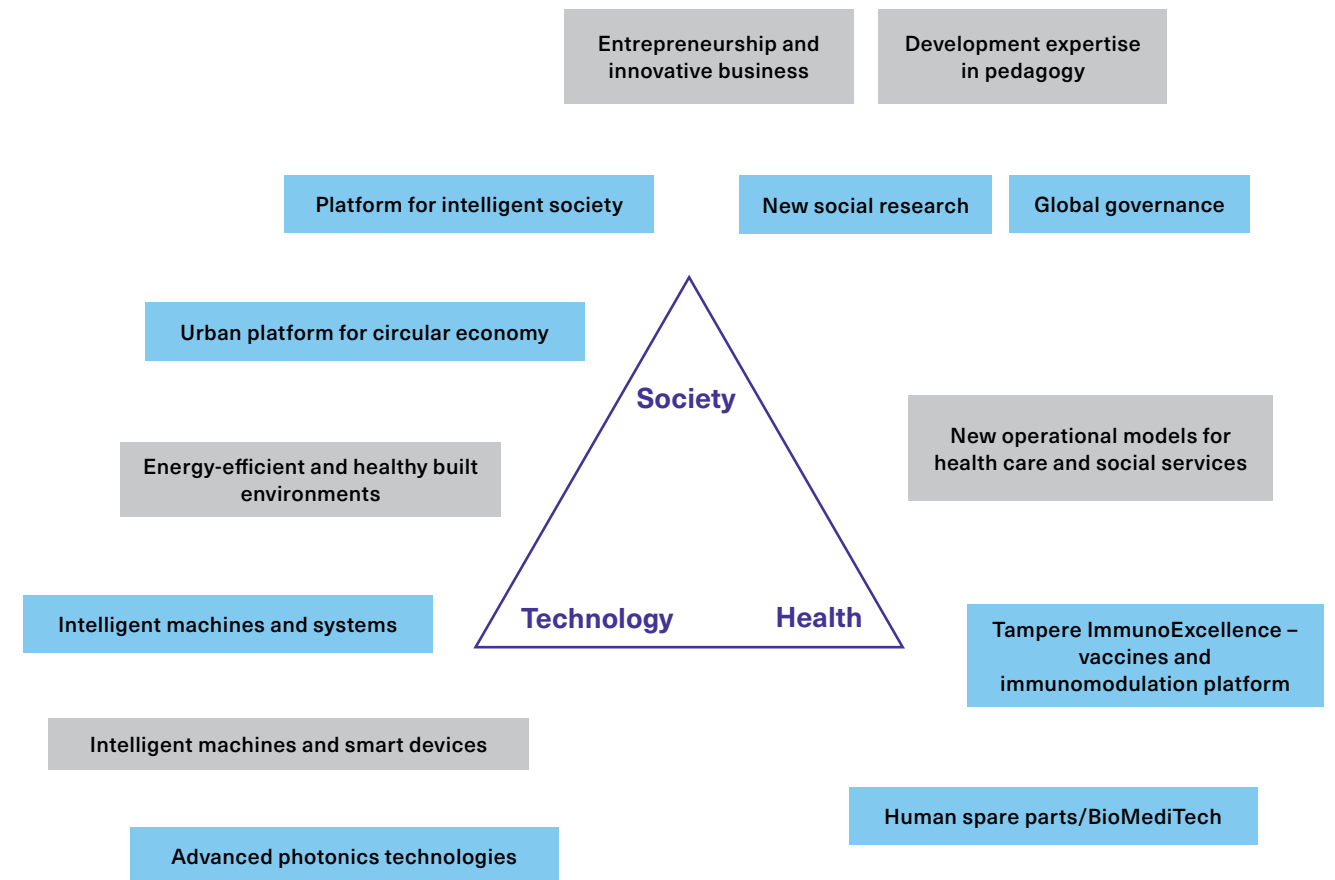
16. The Tampere university community implements an ambitious open science policy, covering publication, data and open source guidelines.
17. Researchers are encouraged and supported to participate in social media and act as social commentators.



Recent and current research spearheads



Focus and profiling areas



Human Potential Unlimited.

