

Sissejuhatus

Avatud teadus

Tiiu Tarkpea
Tartu Ülikooli raamatukogu
Teadusandmete peaspetsialist

TRANSFERABLE SKILLS for Early-Career Researchers

Research

- Citizen Science
- Data analysis
- Disciplinary knowledge/terminology
- Ethics/integrity
- Grant application writing
- Interdisciplinarity
- Literature use/management
- Open Access publishing
- Open Data management
- Open Education
- Open Evaluation
- Open Licensing
- Open Methodology
- Open Source
- Project/time management

Career Development

- Career planning/assessment
- CV writing
- Interview techniques
- Job searching/application
- Skills documentation/verification
- Skills gap identification/development

Digital

- Information accessing/retrieval
- Information presentation/visualisation
- Information processing/exchange
- Software usage/development
- Programming

Communication

- Academic writing
- Formal correspondence
- Oral presentation
- Science for non-technical audiences
- Science for policy making
- Social media/webinar usage

Cognitive

- Abstraction/creativity
- Analysis/synthesis
- Critical thinking/problem solving
- Organisation/optimisation

Interpersonal

- Conflict management
- Discipline/perseverance
- Diversity awareness
- Leadership/team work
- Negotiation
- Independence/responsibility
- Networking
- Rhetoric/argumentation
- Stress tolerance
- Taking on responsibility

Teaching & Supervision

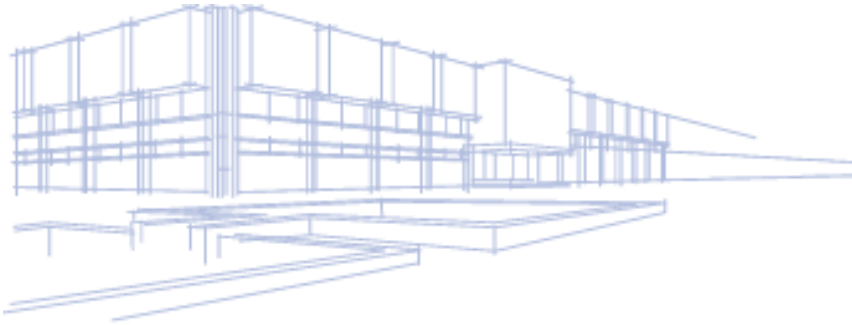
- Course development/assessment
- Exam preparation/assessment
- Mentoring/supervising students
- Teaching and learning theories/methods

Mobility

- Intercultural awareness/communication
- Intersectoral awareness/experience
- Foreign language skills

Enterprise

- Commercialisation
- Entrepreneurship
- Innovation/knowledge transfer
- Intellectual Property Rights (IPR)
- Legal/business standardisation
- Patenting

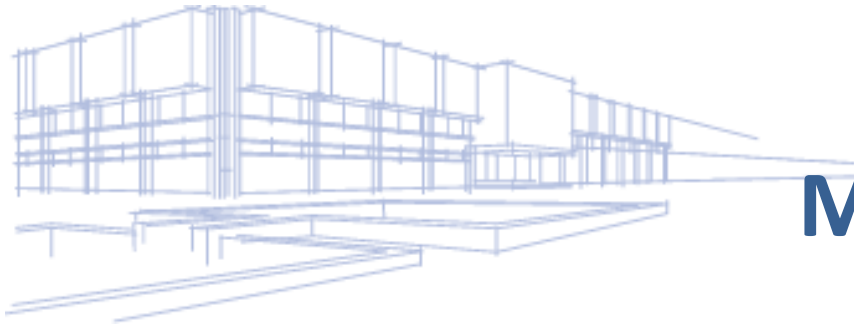


Open Science

Open science is the idea that scientific knowledge of all kinds should be openly shared as early as is practical in the discovery process

Nielsen M. An informal definition of OpenScience | The OpenScience Project [Internet]. [cited 26.07.2018]. Available from: <http://www.openscience.org/blog/?p=454>

OECD: “to make the primary outputs of publicly funded research results – publications and the research data – publicly accessible in digital format with no or minimal restriction” (OECD, 2015:7)



Miks avatud teadus?

- **Ühiskonnale:** kuidas on maksumaksja raha kasutatud, teadmus on kõigile kättesaadav
- **Teadlasele:** globaalne, koostööl põhinev, reprodutseeritav, läbipaistev,
- **Organisatsioonile:** turvaline, seaduslik, dokumenteeritud, usaldusväärne
- **Doktorandile:** uus kultuur, uus normaalsus

Avatud teadus

Avatud
juurdepääs

Avatud
teadusandmed

Avatud
meetodid

Avatud
lähtekood

Avatud
eksperthinnang

Avatud
õppematerjalid

Avatud litsentsid