

Integrating Education and Patient Care into Open Science at the Leiden University Medical Center (LUMC)

Recognising and Rewarding Open at the LUMC

Open Science is about research, education, and patient care.

At the Leiden University Medical Center (LUMC) we integrate Open Educational Resources (OER) and patient care, alongside open publishing and research activities, into Open Science recognition and reward.

Each of **these broad areas** exchanges knowledge and outputs with the other areas. Considering them all as interconnected elements of Open Science reflects the breadth and impact of Open Science more accurately.

Widening the spotlight

Open Science initiatives often appear to focus more on open publications and open research activities, and less on openness in education and patient care.

For university medical centers, including education and patient care in Open Science initiatives is essential.

Reflecting the whole individual

Many LUMC staff members hold several roles within the organization – covering research, patient care, and teaching. Therefore, recognising and rewarding open science practices amongst LUMC staff must reflect these joint or adjacent roles.

We are working to achieve this integration on both a practical, ground-up level as well as on the level of institutional management, encouraging policy changes to reflect a culture change toward more openness.

Open Publishing

Supporting a strategic publication framework, devised in collaboration with Leiden University, with key values: **Fit-for-purpose, Open, Sustainable, and Equitable.**

Making full use of the ‘Taverne’ amendment by registering, depositing, and sharing journal articles on LUMC-researchers’ behalf via the university repository *Scholarly Publications*.

Encouraging the posting of preprints and team science through increasing visibility and recognition (and a preprint cake!). Further supported by the LUMC’s new PhD thesis framework.

Open Research Activities

Facilitating open practices during research with similar values as publishing: Open in a way appropriate for the topic, using platforms, tools, and repositories that are fit for purpose and sustainable.

Encouraging the use of open methods and software.

Providing guidance on FAIR principles and data publishing, discovery, reuse, and sharing.

The LUMC contributes to the Health-Research Infrastructure initiative (Health-RI).

Open Education and OER

Encouraging lecturers to make and use OER by clarifying copyright and open licences for educational materials.

Exploring OER needs of educators and students through innovation and feedback. Encouraging student participation in and co-creation of open materials.

Exploring how OER making and use can be incentivised, recognised, and rewarded. Extending OS monitoring indicators to include educational materials and activities.

Open Patient Care

Fostering citizen Science and patient involvement in research and care innovation. E.g. patient as coauthor.

Recognising and rewarding contributions to other types of outputs for patients and caregivers (e.g. patient magazines, explainer videos, etc.). Promoting the use of open materials in patient information.

Extending OS monitoring indicators include patient information and care activities.

Recognition and Reward for Open Science

Further information

LUMC PhD policy



edu.nl/gg04

OER Flyer



edu.nl/ks3v

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Feedback or ideas? Get in touch!

We welcome any thoughts you’d like to share or questions you have.

Tessa de Roo: t.f.de.roo@library.leidenuniv.nl

Sonja Meeuwsen: s.meeuwsen@lumc.nl