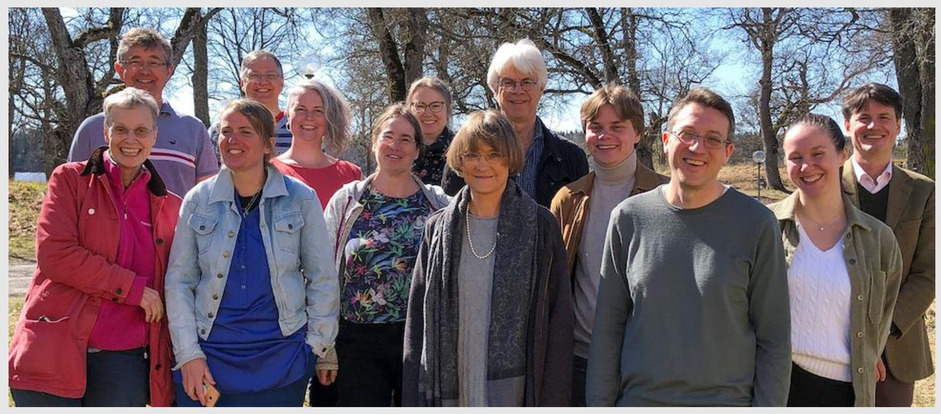
TUR - The Council for Educational Development at the Faculty of Science and Technology - Uppsala University

TUR, the Council for Educational Development at the Faculty of Science and Technology, provides support and guidance for the faculty's pedagogical development. TUR acts to ensure that students, teachers and educational leaders at all levels work together based on reflection and scientifically based practice. An increased knowledge of university pedagogy and subject didactics guarantees well-founded decisions and leads to thoughtful renewal of teaching and examination, courses and programs.

TUR is responsible for the faculty's continuing education of university teachers through courses as well as seminars, workshops and conferences (TUK). TUR provides support in the form of different networks and offers adapted support to educational leaders and teachers, educational programs and departments. TUR conducts studies among students and teachers, which is the basis for further pedagogical development.

TUR' mission is also to provide support in developing prioritized areas in relation to Uppsala university's pedagogical program and development focus for educational evaluations. Furthermore, TUR is working strategically to promote dialogue on education and training at local, national and international level.

https://www.teknat.uu.se/about-us/Educational+development/tur/



TUR is constituted by members from different institutions at the faculty. These members work a certain percentage of their time at TUR. Members/teacher representatives are elected by the Faculty board. Student representatives are elected by the student union.

2023 TUR consists of:
Jannika Andersson Chronholm - Department of Physics and Astronomy
Seidon Alsaody - Department of Mathematics
Katarina Andreasen - Biology Education Center
Maja Elmgren - Department of Chemistry - Ångström
Magnus Jacobsson - Department of Mathematics
Marcus Lundberg - Department of Chemistry - Ångström
Stefan Pålsson - Department of Information Technology
Nicusor Timneanu - Department of Physics and Astronomy
Björn Victor - Department of Information Technology
Malin Wohlert - Department of Materials Science and Engineering
Malin Östman - Department of Earth Sciences, CEMUS
Malin Burklint (stud) - head of academic affairs (engineering)
Max Johansson Saarijärvi (stud) - head of academic affairs (science)
Sofia Stenler - Faculty Office for Science and Technology
Pia Westerlund - Faculty Office for Science and Technology
(Teacher representatives appointed for 2021-01-01—2023-12-31, student representatives appointed for 2022)

Compulsory teacher training in Active Student Participation – an example of TURs work

The faculty of science and technology decided on an action plan 2016/2017 as a quality enhancing measure. In this it was stipulated that all teachers at the faculty should go through a half day course/training on active student participation (both theory and methods).

This was decided partly because it was considered unethical to use only traditional one-way teaching in light of the research on active student participation (for instance Freeman at al. 2014)

TUR has been responsible for these courses/training which took place 2017-2019. The half days were designed to include and connect to the specific subject didactic. Examples from the institutions own teachers were used to inspire colleagues. The course/training has been overall well received by the participants.

An example of an activity TUR organizes every year is the faculty wide pedagogical conference TUK.

This conference provides teachers with the opportunity to present and discuss their own teaching. This year (March 15th 2023) the Keynote speaker Anna Danielsson spoke on the topic: Identity perspectives in science education research: *What's in it for university teachers*

The student representatives in TUR are vital for the link between teachers and students and help provide insight and quality.
The representatives are elected by the student union.

UPPSALA UNIVERSITET

List of references

S. Freeman et al., "Active learning increases student performance in science, engineering, and mathematics", PNAS 111 (2014) 8410 - 84152