



CBH News

Nr 4, March 2019

2019-03-03

As a result of the autonomy reform for Swedish universities which came into force at the year end 2011, the universities themselves are now responsible for following up the quality in education and research.

I think we all have an idea of what good quality in education and research means. It is what happens in everyday life in all encounters with students and researchers.

To me, quality is what happens when no one is looking into the activities, but for it to be evaluated we need to document what we do. We have done this before when it comes to education and competence provision in the yearly quality dialogues.

This is the first time KTH carries out a continual follow up of research within the framework of our quality system. The follow up follows the corresponding structure as the follow up of education and competence provision (faculty development) with two reporting levels. The Head of Department is responsible for research at the department level and the Head of School is responsible for the school level.

The continual follow up of research will be carried out through reports with analysis and reflection produced each year at department level and school level respectively.

The focus shall be on follow up of output in the form of publication (scientific impact), external funding, as well as more qualitative self-evaluation of research environments with regard to quality culture.

The choice of focus on publication, research funding and research environments and quality culture, is motivated by the aspects being assessed to have particularly high relevance respectively for indicating, assuring and contributing to development of high quality in the research conducted at KTH.

The Dean of Faculty is responsible for, after preparation with the Vice President for Research, for feedback on the school report in connection with the yearly quality dialogue, which for CBH will take place on May 24.

In conclusion, I would like to draw to the attention of all some dates in April and May for joint school activities. In April (24, 25 and 26), we will have CBH staff meetings at AlbaNova, Valhallavägen and in Flemingsberg. These replace our former school colleges and on May 28, we are planning for a joint school "Barbecue" starting at 16:00.

Mikael Lindström
Head of School



Do you have news tips?

Send it to CBH News!

All news tips for CBH News should be sent to

cbh-nytt@cbh.kth.se

All contributions must be in by 12.00 on Monday the same week as CBH News is published in order to be admitted. See the current deadline at the last page.

Time to nominate honorary doctors

It is time to nominate honorary doctors for 2019.

The nomination period is open until March 31.

[Read more and nominate on this webpage](#)

What's new this year is that the Faculty Council decides to appoint honorary doctors in June.

Questions are answered by Johan Gerdin: igerdin@kth.se, or Dean of Faculty:

dekanus@kth.se

Welcome to KTH's staff choir!

In KTH's newly created staff choir, we learn vocal technique, harmonies, simple improvisation and we sing songs from around the world (Latin American, African, Eastern European, Swedish folksongs etc) as well as a few pop hits.

The choir rehearses for two hours every other Monday on even weeks, in Sing-Sing (Lindstedtsvägen 30) starting at 16:30. Bring something to eat and drink for the break.

To sing in a group has in most times and cultures been used to encourage fellowship and give strength and courage in all fluctuations of life. The health enhancing effects of singing are today well-documented by research - after a singing session, stress and fatigue are as blown away and replaced by energy and joy of life!

Arranged by ERASMUS for integration and fellowship. Feeling and expression are in focus, no note reading skills required, all levels are welcome!

Choir director is Helena Soluna Berggren, singer, song writer, vocal coach, choir director.

Welcome to WikiGap at KTH!

There are four times as many articles about men as there are about women on Wikipedia. On International Women's Day, we're going to do our part to help close the gap.

[#WikiGap](#) is a event during which people around the world gather to add more content to Wikipedia about women experts, figures and role models in various fields. WikiGap has been arranged in almost 60 countries, from Sweden to Vietnam, Egypt and Colombia, and has so far resulted in more than 13 000 edited articles in 30 different languages.

Join us for WikiGap Sthlm 2019, where we will write and publish articles about prominent women in technology for Wikipedia. Let's close the internet gender gap!

[Read more here](#)

[Sign up here](#)

Novel planar and particle-based microarrays for point-of-care diagnostics

Gustav Svedberg, Biotechnology

Fri 2019-03-22 10.00, Air & Fire, Science for Life Laboratory, Tomtebodavägen 23A, Solna

What is your dissertation about?

It is about the development of new microarray technologies that allow for simultaneous detection of multiple disease-related biomolecules in a single measurement of a clinical sample.

The goal is for these microarrays to be used for diagnostics in a point-of-care context, meaning that they should be easy to use, require minimal equipment and have rapid sample-to-result times.

Does it have any connection to KTH's sustainability work and the global sustainable development goals?

This work is closely tied to the UNDP Sustainable Development Goal 3, "Good health and well being."

By developing new technological platforms that allow simple, inexpensive and rapid diagnostics to be carried out in low-resource environments, access to basic healthcare can potentially be improved in regions that e.g. are far away from the nearest hospital.

How can your results be used in the future?

Now that these new technologies have been developed and proven their utility in a small-scale laboratory setting, I hope that future work can focus on evaluating and improving their usability in real-life clinical situations.

In the long term, of course, my hope is that these microarray setups can prove to be useful tools for point-of-care diagnostics the world over.



The next issue of CBH News will come out in week 12. The deadline for making contributions is on March 18 at 12.00.