



SCHOOL OF ENGINEERING SCIENCES IN CHEMISTRY, BIOTECHNOLOGY AND HEALTH

CBH News

Nr 2, February 2019

2019-02-04

KTH has decided to introduce criterion-referenced grading criteria on all KTH courses with a differentiated grading scale. Well written and implemented grading criteria are valuable. They give students clarity and motivation and make examination fairer.

The grading criteria shall link the grading scale to levels of fulfilment of the intended learning outcomes of the course and the examination shall be clearly linked to the grading criteria. In addition, demands of the intended learning outcomes are specified and examples given.

Criterion-referenced grading criteria are introduced gradually for courses with a differentiated grading scale and shall be present:

- Autumn semester 2018 for new courses whose first course offering is performed in autumn semester 2018 or later
- Autumn semester 2019 for all courses included in the special admission requirements for other course
- Autumn semester 2020 for all courses

At the CBH School, we have performed a number of workshops in support of our teachers in beginning to work with formulating examinable intended learning outcomes and criterion-referenced grading criteria. I took part in the workshop of the Biotechnology programme last week.

Working through your courses together with other teachers provides perspective and stimulus. Many thanks to our Director of First and Second Cycle Education and Deputy Director of First and Second Cycle Education for carrying out these more practical and concrete work shifts.

I am happy to say that the CBH School stands out when it comes to funds granted in the announcement KTH Research Infrastructure. Three of these are at CBH:

- Advanced Light Microscopy (ALM) SEK 6 million
Part of SciLifeLab Hjalmar Brismark
- Electrum Lab: SEK 3.5 million
- The Jonasson Centre for Medical Imaging: SEK 1 million
CBH Örjan Smedby
- NanoLab: SEK 1.5 million
- National Genomics Infrastructure (NGI): SEK 1.8 million
CBH Joakim Lundberg
- Odqvist Lab: SEK 3.7 million
- Visualisation Centre (VIC): SEK 2.5 million

We are now working actively with the procurement division to speed up all of CBH's procurements in 2019.

Please contact CBH's purchase and procurement manager Kicki Holmberg in good time, as soon as you know you are going to receive infrastructure funding.

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.



Ask your questions to the President

It is now possible to send in questions for the President's visit on February 11.

On Monday February 11, 2019, the CBH School will be hosting KTH's President Sigbritt Karlsson and Deputy President Mikael Östling.

In the afternoon, there will be a staff meeting with the opportunity to ask questions.

Time: Mon 2019-02-11, kl 13.00

Location: K1, Teknikringen 56, Campus Valhallavägen

In order to facilitate the visit, questions to the President and Deputy President will be collected in advance and presented in a coordinated way.

E-mail your questions to CBH's Communications Manager Sabina Fabrizi,
sabina@kth.se

Relocation of CBH's administration on Campus Valhallavägen

Soon, things will be happening on Valhallavägen. Next week, during four days on February 15-18, a long planned relocation of everybody who works in the administration and school management there will take place.

There are several reasons for this relocation to take place but the most important is that it will provide better synergies for those of us working in the administration and therefore better and more effective support to those we work for.

A great news is that we have found an opportunity to locate HR and the finance unit in the same place. This will be very beneficial since many issues affect both HR and the financial administration.

We will also locate Noden and the student service desk in the same place, which will create only one open space that has to be manned.

More detailed information will be sent out to the departments on Valhallavägen and to students who are concerned. In upcoming issues of CBH News, more info will follow when the relocation has been completed.

We hope that you can overlook that there might be a bit of confusion on both Friday February 15 and Monday February 18.

But after that we look forward to a fresh start to revise processes and flows and receive the synergies we need to be able to serve the whole of CBH in the best possible way.



Marie Larson
Head of Administration

The administration's new location on Campus Valhallavägen, from February 19, 2019

School Management and Communications:

Teknikringen 30, floors 6 and 7

Course and Teacher Support:

Teknikringen 28, floor 5

Noden:

Teknikringen 28, floor 5

Finance:

Teknikringen 42, floor 4

HR:

Teknikringen 42, floor 4

Study Counselling and Internationalisation:

Teknikringen 50, floor 3

Infrastructure:

Teknikringen 50, floor 3

Welcome Irma Muñoz!

What does feel like to have started working at CBH?

It´s very fun and exciting to work at KTH's second largest school. Around 850 co-workers, a turnaround of a little over a billion SEK a year as well as world class education and research is very appealing. The school recently having gone through a reorganization is particularly interesting, since there is a lot that is new, that you're learning and trying out.

What will you be working with?

I'm employed as accountant, localized at AlbaNova. My function is primarily to support research groups at Industrial Biotechnology and Glycoscience with what concerns their financial matters.

About which issues can you be contacted?

I answer questions concerning budget, annual accounts, project monitoring, project accounting and reporting, as well as contact with project partners and internal and external funders.

Where do you come from most recently?

I had a similar position at Computer and Systems Sciences at Stockholm University, where I worked for many years. I left the university for a position at the Stockholm County Administrative Board, where I worked for a year, before seeking my way back to academia, which I have missed so much.

What do you hope to accomplish in your new role?

I hope to be able to contribute to the activities by providing good support to heads of division, researchers and project managers in what concerns the economic function at the department and the divisions. I also look forward to participating in the streamlining of processes, routines and work procedures that gradually might prove to need adjustment and adaptation to the new organization.



Save-the-date April 9, CBH Workshop

Prerequisites for CBH of leading a national, strategic effort within medical technology?

On April 9, 12:00-16:00 (including lunch), CBH's Impact group will arrange a workshop.

The purpose is to explore the opportunities for and the interest in taking an initiative to develop and lead a so called strategic effort, funded by the strategic innovation programme (Vinnova) MedTech 4 Health <https://medtech4health.se> in which KTH is a partner.

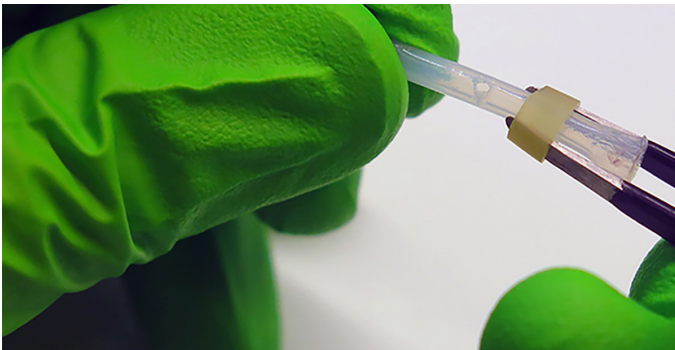
Such an effort should meet a societal challenge, gather a nationally leading consortium and comprehend collaborations over Sweden.

More information will be available later, but please save the date already. The workshop will be held on Campus Valhallavägen.

Best,

CBH Impact: Bertil Guve, My Hedhammar and Josefin Illergård

This small tube may help compress entire labs into a computer chip



Lab-on-a-chip (LOC) technology could transform medicine in ways comparable with how microprocessors have changed our everyday lives – that is once it can be manufactured in a scalable cost-effective way.

Researchers at KTH now report a development that could speed this revolution up.

[This small tube may help compress entire labs into a computer chip](#)

Independent researchers progress further

Security or independence – which strategy should a young researcher choose?

If you decide to go your own way, you have a greater chance of being richly rewarded, according to research at KTH that has found a way of measuring the creativity and originality of researchers.

[Independent researchers progress further](#)



Tailored adhesion of PISA-latexes for cellulose modification and new materials

Joakim Engström, Fibre and Polymer Technology

Fr 2019-02-22, 10:00, Kollegiesalen, Brinellvägen 8



What is your dissertation about?

It is increasing the content of cellulose materials from trees in plastic materials by surface modification using tailored so called PISA-latexes.

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

With the goal to increase the amount of cellulose materials in plastics, we can reach the goal of using our lands resources more sustainable, being a renewable material.

The plastic pollution in our oceans can also decrease due to their degradability. Not to mention the contribution to innovations and production of more sustainable products.

How can your results be used in the future?

Hopefully my research can lead to new innovations and production of new materials to replace oil-based with renewable resources.

The studied PISA-latexes show not only promising properties to be used for surface modification of cellulose materials but also functionalization towards new medical applications.

The next issue of CBH News will come out in week 8. The deadline for making contributions is on February 18 at 12.00.

Editor: Sabina Fabrizi, sabina@kth.se