



SCHOOL OF ENGINEERING SCIENCES IN CHEMISTRY, BIOTECHNOLOGY AND HEALTH

# CBH News

Nr 16, October 2019

2019-10-20

**O**n Monday last week, we had School dialogue 2 with the president and we presented two targeted efforts: starting grant for five faculty positions, all with the orientation sustainable development and suggestions for strategic effort at the CBH School, the Department of biomedical engineering and health systems.

The background to the latest effort is that today's healthcare is characterized by a fast technological development, in particular with regard to digital opportunities and their implications. Significant advances are made within imaging and simulation of the body, sensor registration of physiology, motion and strain, as well as altered healthcare production models through new informatics and logistics.

The Department of biomedical engineering and health systems, MTH, mainly located in Flemingsberg and with a minor part in Solna, is a development of the former School of technology and health. After a tough period for the school in 2012 – 2016 and the efforts in dealing with a big divergence of subjects between the groups, the research has now focused on three key themes:

1. Biomedical imaging and simulation
2. Sustainable working life
3. Digitalisation of healthcare and care

The department is characterised by being a natural site for collaboration between healthcare and technology. The research is based on basic technological research from other schools/departments at KTH and has the specific medical requirement specification as a basis.

Contacts and cooperation with other departments within KTH have increased considerably since the school merger and the new profiling of MTH.

The strategic effort at MTH includes:

- "Start-up"-grant for eight positions (750 kSEK/position for four years) = 6 MSEK/year for four years. Year 2020 (4), year 2021 (4) (FoFu)
- Grant for "Makerspace" (1 MSEK/ year for four years) 2019- (GRU)
- Increase of faculty grants for MTH with five permanent positions (5 MSEK/year). 2 MSEK 2020, + 3 MSEK 2021 (FoFu)

With this strategic effort, MTH will be able to strengthen its research environment considerably and in November, we will learn how the president views our strategic efforts.

Mikael Lindström  
Head of School



Do you have news tips?

Send them to CBH News!

All news tips for CBH News should be sent to

[cbh-nytt@cbh.kth.se](mailto: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.

## KTH Pedagogical Prize to Peter Dinér

**Peter Dinér, head of division Organic chemistry, is the recipient of KTH's Pedagogical Prize 2019.**



Peter Dinér.

The motivation reads as follows:

*In a creative way, [Peter Dinér](#), associate professor at the department of chemistry, CBH, combines traditional and digitalised education methods with a commitment for the education that is very desirable among teachers at KTH.*

*Peter's ability to develop the pedagogy also in laboratory education has led to concepts as green chemistry and sustainable development having been included and integrated in existing laboratory courses as natural parts of them. Also, this work has led to several scientific publications in pedagogical journals.*

*Peter is a very worthy recipient of KTH's Pedagogical Prize 2019.*

# Welcome Peter Hansson!

**Welcome Peter Hansson, new janitor at the CBH school.**



## **What does feel like to have started working at CBH?**

Fun, exciting, much new to learn, varying job, something of a spider in the web. No days are ever the same.

## **What will you be working with?**

Furniture management, relocations, assemblage, error reports, mail and parcel management, check coffee machines, copying machines, first aid material, and more.

## **Where do you come from most recently?**

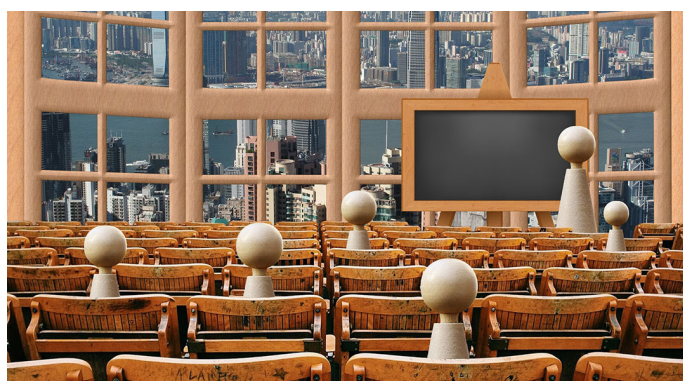
I have been working with rental of construction machiner, I have been a coffee machine technician and worked as a guard at i.a. Karolinska Institutet.

## Information on course management on third-cycle level on the intranet

**Now, information on revision and establishing of new courses at third-cycle level is available on CBH's internal webpages.**

**The information shall support examiners and course coordinators in the big revision of course syllabi that has been going on since last spring.**

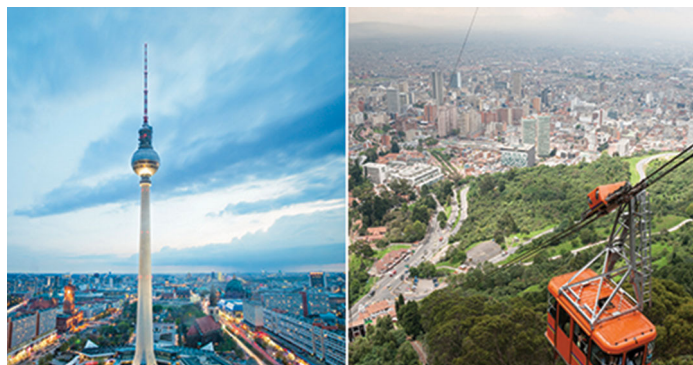
[Read more on CBH's internal pages](#)



# Advice students to visit KTH Global!

**On November 5-7, it is time for KTH Global, three days of activities to inspire more students to study abroad during their education.**

[CBH's international coordinators and student ambassadors will organize different activities and would like to encourage all who interact with students to advise them to visit KTH Global.](#)



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## Invitation to Life and Career Planning, Spring 2020

KTH encourages both internal and external professional mobility by offering our employees the possibility to take part in a life and career planning program.

Life and Career Planning programs come in different versions and include individual counselling/coaching.

The application deadline is November 27, 2019.

[Read the invitation to LOK](#)

# Information from the purchase and procurement manager

## **News concerning purchase and procurement.**

### **Sequencing of genes**

LU has signed a framework agreement concerning different types of sequencing of isolated, individual genes, in particular so called Sanger sequencing, which KTH can order from. Providers in the new agreement are Macrogen and Eurofins Genomics Sweden AB, with effect from 2019-11-01.

Ordering is performed through renewed competition, contact the purchase and procurement manager on this matter.

The new framework agreement replaces KTH's previous framework agreement for DNA sequencing service (V-2014-0956

### **Office supplies and calendars**

KTH orders from the government framework agreement, with Staples as provider. Orders are made in Wisum. Note: Calendars with KTH logo are not to be ordered through the office supply agreement, but with KTH's framework agreement for profile products, with PGM. Pocket calendars with KTH print will soon be possible to order through Wisum, so look there.

### **Every day representation**

The framework agreement has expired. Pending the new agreements, direct agreement can be performed according to the rules of procedure, please contact Noden for this. Hopefully the new agreement will be in place soon, provided that it will not be revised by the administrative court.

## Prestigious award to CBH professor



**Ann-Christine Albertsson, prof. em. in polymer technology, has been awarded the Anselme Payen Award of 2019.**

[Read more on American Chemical Society: CELL division's homepage](#)

## Peter Savolainen new head of Gene Technology

**On November 1, professor Peter Savolainen is new new head of the CBH department Gene technology.**

Peter Savolainen replaces Joakim Lundeberg and the appointment continues until December 31, 2021.



## Cecilia Williams new head of Protein Science



**Since October 1, professor Cecilia Williams is new head of the CBH department Protein Science.**

Cecilia Williams replaces Stefan Ståhl, who has been appointed deputy head of department, and the appointment continues until December 31, 2021.



# Thematic week about CBH in social media

**CBH now has five new international student ambassadors for the Master's programmes.**

**During week 46, the international student recruitment will have a thematic week about CBH in KTH's social media channels.**

Recently, CBH recruited five new international student ambassadors. [They are presented with interviews on kth.se](#)

During week 46, the school's subject area, linked to sustainability, will be highlighted through a number of activities in KTH's social media channels.

CBH's new international student ambassadors will collect inspiring material in the form of filmed interview with PA, student and research projects, an innovation or a meeting with an alumnus.

On November 14, there will also be a webinar which represents the school's subject areas with sustainability as a red thread. The aim of the thematic week and its activities is to inspire and attract international presumptive students to apply to the school's education programmes.

# Learn more about Open Access



**Open Access week is here and staff at the [KTH library](#) are ready to answer all your questions.**

Pop by the main library entrance and get updated on which Open Access agreements there are and what publication fees are covered. If you have other questions about publishing, the staff are happy to help.

They are on site Monday to Friday from 11 am to 1 pm.

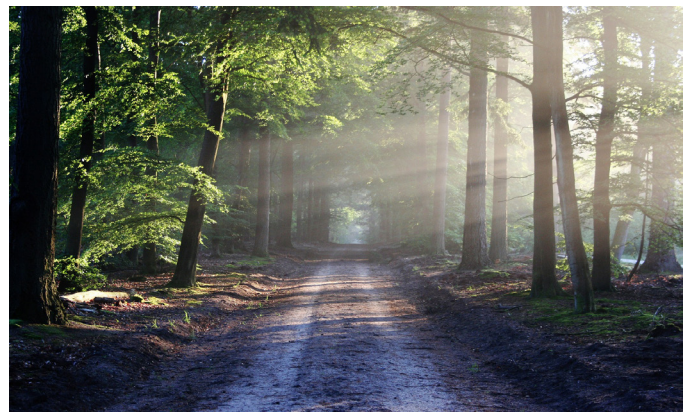
## KTH Innovation

# KTH Innovation Challenge: Going climate neutral

**By 2045, Sweden aims to achieve negative net emissions of greenhouse gases.**

**Are you a KTH researcher with an idea or research result that can help reduce emissions and reach climate neutrality?**

**[Then you can win 100 000 SEK in funding from KTH Innovation.](#)**





# Data management plan creates order and structure



**A virtual research data office has been set up within the University Administration.**

**The aim of this initiative is to link together the expertise within KTH that works to support researchers in issues relating to the management of research data, e.g. how to produce a data management plan. KTH wishes to offer comprehensive support in this respect.**

**[Read more on KTH's intranet](#)**

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## About the salary review

**[The joint information, issued by KTH and the relevant unions, contains valuable material for all KTH employees about the 2019 salary review.](#)**

# Nominate research for a sustainable competitiveness to IVA's 100-list

**Through your nomination you help researchers to become more known so that their research can become more useful to more people!**

**All you have to do is to submit name and contact details of whom you want to nominate, together with a short motivation.**

[Nominate here by October 28](#)

## Scholarships and grants

### Scholarships and grants outside of KTH

[Scholarships and grants outside KTH](#)

## Thesis defences

[You can find all thesis defences at CBH on the school's internal pages](#)

The next issue will come out in week 45. Deadline for contributions is November 4, 12:00.

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