



SCHOOL OF ENGINEERING SCIENCES IN CHEMISTRY, BIOTECHNOLOGY AND HEALTH

CBH News

Nr 10 May 2019

2019-05-26

Last Wednesday, KTH Equality Office held a seminar for managers with staff liability at CBH entitled “Gender equality, diversity and equal opportunities (JML) – inclusion in theory and practice”. We were more than 25 people who got to learn more about equal opportunities in the higher education sector, both quantitatively and qualitatively.

The seminar is part of the theme “Management development with a gender perspective”, which is an initiative from CBH’s JML/work environment group. The purpose of the training is to enhance the awareness of how gender studies can be put into practice, through practical management tools in the exercise of leadership.



The day was concluded with a number of team exercises, where we discussed the conditions for an inclusive leadership at the CBH School and what type of work environment we want to take part in creating. Then, it came up that it’s important to be able to disagree – but to still respect each other/competencies and that everyone contributes, to dare to address problems at an early stage and to give constructive feedback – also positive. We received a lot of positive response from all participants and to just meet throughout the whole school contributed to different perspectives and felt very valuable.

Last Thursday, a well-visited and appreciated seminar was held at KTH, with the theme “cutting-edge technology from KTH – a new tool in the battle against dementias”.

CBH researchers were well represented in the programme:

An atlas of the human brain – Professor Mathias Uhlén

A survey of dementias with proteomics – Professor Peter Nilsson

Can small target proteins become the dementia medicines of the future? – Professor Stefan Ståhl and PhD Hanna Lindberg

During the past week, we’ve had both School Dialogue 1 and Quality Dialogue. The CBH School received immense credit, both for the materials, but also because a lot is going well for CBH. A big thank you to all of you who contribute to this! What also became clear was that there will be a new Research Assessment Exercise (RAE) 2020 with external invited assessors and that the start-up will be now in the autumn. On January 1, 2020, the self-assessment documentation will be sent out, which is then to be handed in on April 30.

The on-site visits will take place in August 2020. The orientation of the RAE will be forward-looking and therefore an aid for each “unit of assessment” in the development ahead.

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.

Kerstin Jacobson new University Director at KTH



On 1 September, Kerstin Jacobsson will join as University Director. With solid experience of the university and college sector, she is now set to get to grips with KTH.

“It is going to be very exciting to join such a creative and well-reputed university.”

[New University Director at KTH](#)

[Read the President’s information on the work with unified operational support](#)



Exciting, developing – and challenging!

Katja Grillner can look back on four intensive years as the faculty’s Dean.

[Read about four years of change](#)



KTH’s Vice Dean says goodbye

Per Berglund has been Vice Dean for three terms of office, almost nine years.

[Read more about Per Berglund, professor at Industrial Biotechnology](#)

PhD student selected for prestigious program

Vinutha Shreenath, PhD student at Biomedical Engineering and Health Systems at CBH, has been chosen to be part of the prestigious Frontier Development Lab (FDL).

Vinutha Shreenath has almost finished her PhD studies in AI and Systems Engineering at GaPSlabs, Campus Flemingsberg.

FDL applies AI technologies to space science to push the frontiers of research and develop new tools to help solve some of the biggest challenges that humanity faces. These range from the affects of climate change to predicting space weather, from improving disaster response, to identifying meteorites that could hold the key to the history of our universe. FDL is a public-private partnership with NASA in the USA and ESA in Europe.

- I have been selected as an AI researcher for FDL Europe. I will be spending time at European Space Agency(ESA) centres for concept definition, followed by prototyping, document and drafting followed by a demo to FDL partners, says Vinutha Shreenath.

Vinutha Shreenath will be working on the topic Mission Support: New era of exploration enabled by autonomy and miniaturisation.



KTH Biblioteket betalar för din Open Access-publicering!

Nu täcker KTH Biblioteket dina kostnader för Open Access-publicering.

Vi tar inte bara hand om fakturan utan också all administration.

Kontakta oss på biblioteket@kth.se om du ska publicera en Open Access-artikel så hjälper vi dig.



Johan Rockberg new member of Sveriges unga akademi



Johan Rockberg, docent and associate professor in Antibody Engineering and Directed Evolution at the department Protein Science, is one of eight new members of Sveriges unga akademi.

Sveriges unga akademi is an independent forum for younger, leading researchers from all research areas. The membership period is limited to five years.

On May 25, eight new members were welcomed, from Karolinska Institutet, KTH Royal Institute of Technology, Stockholm University, Umeå University and Uppsala University.

[Read more about the election \(in Swedish\)](#)

VINNOVA call for PhD students, closes in three months

Increasing capacity and skills of PhD students regarding industrially relevant neutron and synchrotron-based analytical methods – 2019

With this call for proposals, Vinnova wants to give the opportunity for PhD-students, employed either in academia or at companies or research institutes, to gain more knowledge about neutron and synchrotron-based techniques - and how these can be used for industry-relevant applications.

[Read more about the Vinnova call for PhD students](#)

AdBIOPRO Workshop 2019 Bioproduction of Therapeutic Biologics

AdBIOPRO, VINNOVA Competence Centre for Advanced BioProduction by Continuous Processing, organizes a workshop, AdBIOPRO Workshop 2019 - Bioproduction of Therapeutic Biologics in Stockholm.

Time: Wed 2019-09-18 10.00 - Thu 2019-09-19 13.00

Location: Bosön, 181 47 Lidingö, www.boson.nu (15 km from Central Station Stockholm)

[More info about AdBIOPRO Workshop 2019 Bioproduction of Therapeutic Biologics](#)



GUEST LECTURE

“Mixing, aeration and cell damage, 30+ years later: what we learned, how it affected the cell culture industry and what we would like to know more about”

Welcome to AdBIOPRO’s Distinguished guest lecture by Professor Jeffrey Chalmers from Ohio State University.

Time: Fri 2019-06-14, 10:00

Lecturer: Professor Jeffrey Chalmers from Ohio State University

Location: Albanova FA32, Roslagstullsbacken 21

[More info about the guest lecture](#)

Update of visual identity and new PowerPoint template

KTH's visual identity has gone through some updates. The previous official PowerPoint templates in different colours have therefore expired and have been replaced by one single template.

[KTH's visual identity rules](#) describe how to visualize KTH in a clear and consistent way, while being perceived in the same way throughout our communicative initiatives, to reinforce the KTH brand around the world.

Presentations at KTH must be uniform. **[Here, you can find the PowerPoint template, and a few simple pointers that may be of use when creating a PowerPoint presentation.](#)**

Prepare for Almedalen: Lunch with KTH colleagues

On June 12th, Sigbritt Karlsson, President KTH, invites co-workers who will be in Almedalen to a lunch.

When: 11.30-13.00, June 12th 2019

Where: Wallquist house, [Villagatan 19](#), Stockholm

Registration: [Register here](#) at the latest 4 June.

For questions please contact evenemang@kth.se.

Register your participation at the Almedalen week

Many experts from KTH contribute to spread knowledge during Almedalen. The information of who will be there and in which seminar will be updated on [KTH's external webpage \(Swedish\)](#).

Will you or somebody else participate? Please contact [Caisa Ramqvist](#), event coordinator, to update the information.

[Read more KTH information on Almedalen](#)

The university alliance Stockholm trio



KTH, Karolinska Institutet and Stockholm University form an alliance in order to make it easier for the three universities in the Swedish capital to enter into joint collaborations with universities around the world.

[Together the three universities form a complete academic environment](#)

Opening hours for SRF Office during Ascension Day and National Holiday 2019

The SRF Office is one of six groups at Sustainability, Real Estate and Facility Service (SRF), a part of the University Administration at KTH Royal Institute of Technology.

[Opening hours for KTH functions at SRF Office](#)

Open Coaching Cleantech & Sustainability

Have an idea or research result with commercial potential related to cleantech or sustainability?

[Book a 30 minute meeting during KTH Innovation's Open Coaching and get quick feedback on June 4th.](#)



Apply to the KTH Innovation Brighter Program



The KTH Innovation Brighter Program brings promising startup projects and research commercialization projects to Boston, Munich or New York City, for an intense week of networking, inspiration and early contact with the global market.

[Apply by May 26th!](#)

Next deadline for funding from KTH Innovation

The next deadline for application to KTH Innovation's funding program is on June 3rd.

[Contact KTH Innovation](#) to find out how to apply and how the funding can be used to verify your ideas.



On the Solubility of Wood Hemicelluloses in Water and its Influence on the Adsorption at Cellulose/Water Interfaces

Saina Kishani Farahani, Fibre and Polymer Technology

Fr 2019-06-07, 10:00, F3

What is your thesis about?

It is focused on fundamental understandings regarding the solubility and association of wood polysaccharides and their interaction with cellulose.

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

The structural diversities of wood biopolymers have increased the possibility of their utilization in different applications

In addition, the use of these renewable and biodegradable materials fulfils the objectives of the KTH's sustainability goals for developing and industrializing energy efficient resources, and to develop environmentally friendly and biodegradable materials which lead to a cleaner and sustainable future.

How can your results be used in the future?

During the current century, the consumption of wood has increased worldwide in different applications such as the pulp and paper industry, films, additives, coatings and many other purposes.

It has become necessary to develop fundamental understandings of the structure, properties and interactions of these renewable polymeric compounds in order to develop high-quality products with better functionalities.



The next issue of CBH News will come out in week 24. The deadline for making contributions is on June 10 at 12.00.