KILU Newsletter, week 4, 2016-01-28

KILU Newsletter is the Department of Chemistry’s internal newsletter.

News

Ulf Ellervik receives The Gunnar Starck Medal
The Swedish Chemical Society has awarded Ulf Ellervik this year’s The Gunnar Starck Medal. Ulf Ellervik has been awarded the medal for his outstanding and unique work to increase the understanding among the public, students and pupils of the importance of chemistry in our everyday life. [Read more](in Swedish)

Mikael Lund has received funding for a new project on pharmaceutical formulation
Senior lecturer Mikael Lund from the Division of Theoretical chemistry (together with the Technical University of Denmark, among others) received EUR 4 million for the project “Protein-Excipient Interactions and Protein-Protein Interactions in Formulation”. The project is funded by the Horizon 2020 programme “Marie Skłodowska-Curie Innovative Training Networks”. [Read more about Project “PIPPI”](#)

Sara Snogerup Linse receives funding for Alzheimer’s research
Sara Snogerup Linse from CMPS received SEK 200 000 from the Swedish Alzheimer’s Association for developing diagnostics for Alzheimer’s disease.

Charlotta Turner receives funding from STINT
Charlotta Turner from CAS received SEK 467 000 from STINT. The funding will be used for a collaboration project with Professor Luke Chimuka at the University of the Witwatersrand in South Africa. STINT has, in cooperation with the Swedish Research Council (VR), Forte and Formas invested 5,3 million SEK in ten projects within the South Africa - Sweden Bilateral Scientific Research Cooperation programme for the period of 2016-2019. [Read more](in Swedish).

New president for the International Bioelectrochemical Society (BES)
Lo Gorton from CMPS has been elected as the president of the International Bioelectrochemical Society (BES) for the period 2016-2020.

Researchers in media

- **Ulf Ellervik** was interviewed about why so many people eat pizza on New Year’s Day. Read about it here (in Swedish): [Sydsvenskan](Sydsvenskan), [Landskronaposten](Landskronaposten), [Helsingborgs Dagblad](Helsingborgs Dagblad), [SVT Öst](SVT Öst), [Dagens Vimmerby](Dagens Vimmerby).

- The Swedish Chemical Society has awarded **Ulf Ellervik** this year’s The Gunnar Starck Medal. Read about it here (in Swedish): [Sydsvenskan](Sydsvenskan), [Lokaltidningen Lund](Lokaltidningen Lund), [Kemivärlden Biotech](Kemivärlden Biotech).

- Research findings by **Catherine Paul** and **Peter Rådström** at the division of Applied Microbiology show that our drinking water is to a large extent purified by millions of “good bacteria” found in water pipes and purification plants. The findings are explained by Catherine Paul in a short animated video and the research results have been covered by international media, for example [Tech Times](Tech Times) and [Deccan Chronicle](Deccan Chronicle). Watch video: [A glass of water contains millions of bacteria](Watch video: A glass of water contains millions of bacteria).
Don't miss..

The 9th International Conference on Molecular Imprinting (MIP2016)

MIP2016 will be organized by the Division of Pure and Applied Biochemistry. Abstract submission is open until February 1, 2016.

**Time and place:** 2016-06-26 to 2016-06-30, Elite Hotel Ideon, Lund

More information: [www.mip2016.com](http://www.mip2016.com), Contact: [secretariat@mip2016.com](mailto:secretariat@mip2016.com)

Minisymposium: Photoprocesses and illusions in biomolecules and photosynthesis

**Time and place:** January 29 at 13.00, Kemicentrum, Hall F

More information and programme. (PDF)

Financial information

Financial report 2015

The actual financial result for 2015 for the Department of Chemistry as a whole, including the board of joint services at Kemicentrum (husstyrelsen), is -8,8 MSEK, which is 11,5 MSEK better than the result budgeted for the year 2015 and 6,1 MSEK better than forecasted in the P3, i.e. the third forecast of the year. The deviation of 11,5 MSEK against budget is corresponding to a lower result for Education with -1,2 MSEK and a better result for Research with 12,7 MSEK. The actual financial result for Education ends at -1,2 MSEK, which is explained by higher costs for personnel and lower faculty grants due to a redistribution between Education and Research. Both costs and income are in general higher than budget for Research, in large the deviations are caused by higher external income in nearly all of our divisions and hence more personnel.

Due to the negative financial results in 2015, the equity (myndighetskapiital) of the Department of Chemistry as a whole, including the board of joint services at Kemicentrum (husstyrelsen), has decreased from 86,4 MSEK at the end of 2014 to 77,9 MSEK at the end of 2015 of which 72.9 MSEK is equity on Research and the remaining 5 MSEK on Education. Also the unspent external grants have continued to decrease and are at the end of 2015 approximately 83 MSEK.

<table>
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<tr>
<th>KLU TOT (MSEK)</th>
<th>Actuals 2015</th>
<th>Budget 2015</th>
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<td>-8.8</td>
<td>-20.3</td>
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If you have any questions contact [Karolina Isaksson](mailto:karolina.isaksson@chm.kth.se), Head of Finance at the Department of Chemistry.
Information from the library

Decision on joint libraries
The Faculty of Science and the Faculty of Engineering have three joint libraries. Starting 1 January 2016, the Faculty of Engineering has the main responsibility for the library at the Centre for Mathematical Sciences, and the Faculty of Science has the main responsibility for the libraries at Kemicentrum and the Department of Physics. Read more (in Swedish, PDF). For questions please contact Cajsa Andersson.

PhD Information

PhD Course: Research Innovation and value creation in the life science area 3 hp
Today a researcher not only needs to address the important scientific questions. A researcher should also be able to keep a wider perspective on the utilization of research results and their benefits for society. This course will help you as PhD student to put your research project into a wider context, and give you insights into the processes for innovation and value creation. The course focuses on innovation in the life science area, and includes topics like idea generation and the NABC concept which is a model for development, assessment and presentation of ideas, developed at Stanford Research Institute in California. The course also includes patenting and searching in patent databases and a section on how to pitch yourself and your research idea. Lastly, sources and criteria for financing of commercially oriented projects through the Swedish state, EU and private capital will be dealt with. In other words - this course prepares you for a successful career in academia or industry. Please register by filling out form.

Credits: 3 hp
Time: 7/3, 8/3, 14/3, 31/3 and 1/4
Place: Palaestra, room 105

Contact persons: Maria Andersson, Biotechnology, Annie George Chandy, LU Diabetes Center, Malmö, LU

Upcoming defence of thesis

Time and place: February 26, at 09.00, lecture hall A, Kemicentrum
Defence of thesis in Biochemistry and Structural Biology, Kamrul Hasan “Microbial Electrochemical System. Extracellular Electron Transfer from Photosynthesis and Respiration to Electrode”.

Message

New visiting address and delivery address of Kemicentrum
The City of Lund has decided to change the address of Kemicentrum. The former address Getingevägen 60 will be replaced by Naturvetarvägen 12-18 and the zip code will be SE-223 62. This means that the delivery address for goods reception will be Naturvetarvägen 16, SE-223 62, and entrance E will be Naturvetarvägen 14. Sölvegatan 39 will get the addresses Sölvegatan 39 A to C.

The University’s direction signs have been changed according to the new addresses. The old address Getingevägen 60 may be used during a transitional period until the 30th of April.

New employee at the administration
The administration at KILU welcome Lina Hjelm Wallgren to KILU. Lina is the new financial officer supporting Center for analysis and synthesis (CAS).
Berzeliusdagarna 2016

Berzeliusdagarna will be held 29-30 January in Stockholm and our department will be represented with students from our programs. Almost 400 selected high school students and teachers from all over the country visit Berzeliusdagarna. During the days there will for example be popular science lectures. Sven Lidin is one of this year’s speakers. Swedish Chemical Society has organized Berzeliusdagarna since 1956 with the aim to give Swedish high school students an insight into what it means to study chemistry at the university and what you can work with as a chemist. During Berzeliusdagarna Ulf Ellervik will receive this year’s The Gunnar Starck Medal.

New faces at the Department of chemistry

Veronica Lattanzi
PhD student at the Division of Physical chemistry
Research area: Protein preparation

At Lund University

Invitation to the second Vice-Chancellor’s Seminar about the new strategic plan 10 February

Welcome to the second Vice-Chancellor’s Seminar about the new strategic plan. Following the first seminar in November, this time it will be held in English. The new strategic plan will take effect in 2017 and be valid for 10 years. It will become the University’s single most important policy document for the next decade and it is therefore very important that many of us are involved in drawing up the plan. The issues that we will discuss at the seminar include: What are the main challenges for LU? What do you want LU to be in 10 years? How will we get there? Your perceptions and views on these issues are important and will play a part in the design of the strategic plan.

Programme
• Vice-Chancellor Torbjörn von Schantz opens the seminar
• Bo Ahrén, Pro Vice-Chancellor and project manager for the development of a new strategic plan, begins the discussion
• Panel discussion with representatives from University management and the working group, questions from the audience moderated by Bo Ahrén.

At the end of the seminar, coffee and cakes will be served.
Date and place: 10 February 2016 at 13:00-15:00, Main University Building
Register for the event by 1 February at: strategiskplan@rektor.lu.se
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<td>Defence of thesis in Chemical Physics</td>
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<td>Seminarium</td>
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<td>Physical Chemistry Seminar</td>
<td>2016-03-07</td>
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<td>Cleaning of ultra-high temperature milk fouling - Structural and compositional changes</td>
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