



eLIFE – news on life at LIFE

Thursday 28 May 2009

Email to the editors: elife@life.ku.dk

Final deadline for editorial changes is Wednesday before publication of eLIFE on Thursday.

Editorial changes may occur in relation to the online newsletter.

As regards links in the newsletter, please refer to the Danish online version at the faculty's website
http://www.life.ku.dk/Maalgruppe/medarbejdere/life_internt/nyhedsbrev.aspx

Gudrun Lau Bjerno, Editor, LIFE Communications, glb@life.ku.dk

Life at LIFE

Free tours in the magical Gardens at Frederiksberg Campus

Throughout the summer, LIFE will be welcoming Copenhageners on a series of guided tours of the Gardens.

Read the press release (in Danish)

Gudrun Lau Bjerno, glb@life.ku.dk – latest update 27 May 2009

More women in research and management

Did you know that while approximately 70 per cent of LIFE's students are women, only 16 per cent of the professors are women? The situation generally looks the same throughout the University of Copenhagen, which is why the University management has adopted a three-step plan to help get more women to choose careers in research. At LIFE, we are also making an effort to plug what is known as 'the leaking pipeline'. You can read more about LIFE's action plan and the reasoning behind the plan at www.life.ku.dk/flerekvinder (in Danish), and in future issues of eLIFE, you will be able to read more about specific measures and initiatives.

The Faculty of Life Sciences – present and future

The Faculty's history spans nearly 236 years from the founding of the Royal Veterinary School in Christianshavn (1773) through the Royal Veterinary and Agricultural University (1858) to the Faculty of Life Sciences, University of Copenhagen (2007).

For the first many years, the main focus was on veterinary studies, but the move to Frederiksberg marked the birth of new study programmes in agronomics, forestry and horticulture. In the 1900s, the range of study programmes was expanded to include dairy engineering, landscape architecture, food science, agricultural economics, environmental chemistry and, of course, human nutrition.

Because the Faculty has always kept pace with developments in society and even been at the forefront, the number of study programmes has increased significantly in our century with the establishment of landscape management, developments in developing countries, biotechnology, parasitology, natural resource ecology, and, the newest additions, clinical nutrition, process analytical technology and gastronomy and health. Today, the Faculty offers 24 degree programmes, all of which actively benefit the people of Denmark as well as humanity throughout the world.

The main objective of the Faculty is undeniably academic expansion, but all that academia may as well take place within a good environment. And while our university environment is very good today, there are many plans to make it even better.

Compared to other Danish universities, it is clear that we at the Frederiksberg Campus have very unique surroundings. We have historical and irreplaceable buildings alongside distinctive and valuable, but also ultra-modern, newer buildings. It is a wonderful mixture of old and new, and it can be an exciting study in architectural history to follow the development of the building styles as representative of specific time periods throughout the past 150 years.

Another aspect that makes the Frederiksberg Campus special is how the buildings are integrated within the green areas. First and foremost, there is the listed garden from 1858, which lies like an oasis in the middle of the campus, but among the buildings there are also all the green lawns, trees, bushes and benches that lift the campus to new heights. The campus is also characterised by the many beautiful works of art from elegant rows of busts of famous researchers through little garden nymphs, Storm P. paintings and anatomical friezes to Bjørn Nørgaard's "Biological Diversity" which covers an entire courtyard.

The Faculty is certainly not in the habit of resting on its laurels, so shortly after the successful anniversary year, there are a variety of building projects in full swing. Now that the Faculty's large animal hospital has moved to Tåstrup, the empty stables in Frederiksberg are being converted to house new research facilities, and the small animal hospital is being expanded. Another major project that is now underway is in the Rolighedsvej area, where a large new building is being erected to bring Forest and Landscape together under one roof.

The Frederiksberg Campus is intersected by two very busy streets – Thorvaldsensvej and Rolighedsvej – and the City of Frederiksberg has no intention of converting them to pedestrian streets or guiding traffic away around the campus. But something needs to be done to force drivers to lower their speed, for example building gateways at the campus entrances and paving the streets between the gateways with cobblestones. Perhaps a traffic light can be installed, but at the very least it should be clear that there is a change of conditions and that requires reduced speed.

Our campus actually has three main entrances, but they are not all equally visible. The main entrance at Bülowsvej leading into the old main building is clear, and is hard to make any lovelier with its fountain and box hedges.

The entrance on Thorvaldsensvej leading into the Marble Hall and the tower building could be made to look more like a main entrance, and it would be great if there also was open access from the entrance into the listed garden.

The third main entrance, located on Rolighedsvej, leads into the stately main building, but it definitely does not look like a main entrance because of the old air raid shelter between the building and the street. Tearing down that pile of reinforced concrete would cost millions, but work is also underway to come up with a beautiful solution for a new main entrance in this area as well.

There is no lack of vision for the future campus plan, with some of the ideas reaching perhaps 30 or 40 years into the future. And it can be difficult to say where the process begins and what we can afford. However, among the old trees in the listed gardens, I have heard a little bird sing about how a foundation – A. P. Møller og Chastine Mc-Kinney Møllers Fond til almene formål – has financed a general campus plan, and that is not the worst melody one can hear.

To create a connecting thread between the three areas, one of the visions is to establish a promenade starting at Bjørn Nørgaard's work in Gimle square. The promenade would continue through Grønnegårdsvej, where several little green common spaces would be created, and then further past the collection of summer plants with Café Væksthuset, which was elected Copenhagen's best café in 2008. In the first year of its existence, around 35,000 people visited the café, so it could not have been more successful without bursting at the seams.

However, there was one guest who complained: "I used to be able to enjoy the summer plants all by myself – now I have to share them with everyone else." Yes, that is too bad, but one of the plans for the campus is to open up the surroundings to make the campus an accessible oasis for everyone. And let's put an end to all the speculation right now – there will be no mini-golf course in the collection of summer plants, we have our limits.

In the area between Thorvaldsensvej and Rolighedsvej, the visions are even grander, as one of our giant and very costly wishes is to drop the current car park and replace it with an underground car park. Instead of rows of parked cars, we want to merge the areas with the Green Path and create a broad green area with recreational facilities for sports and common areas, as well as with an expansion of the Faculty's art collection.

At Rolighedsvej, the cramped old Danish Royal Agricultural Society building is to be torn down and replaced by new buildings on the western boundary for Human Nutrition and Food Science, which are both experiencing significant growth.

We also want to make the campus more open out towards Bülowsvej with a row of inviting new buildings facing the street instead of the long, grey isolating 'Berlin wall'.

The promenade would continue to the Rolighedsvej area, where it would run between LIFE's buildings and be integrated with the Green Path.

Other visions include on-campus student housing in three different areas and something that is definitely within

reach – a two-kilometre-long running path through campus and a giant chess board on the elevated lawn near the Marble Hall.

A modern faculty with world-class research requires modern lecture halls and well-equipped labs, but a university should also be inspiring and attractive place to be outside the classroom as well.

Students, employees and guests should feel welcome and well-looked-after on campus. For the most part, this is already the case with our unique campus environment, but with the new campus plan, Frederiksberg Campus can be even better in future.

Kim Greiner, Senior Gardener

Gudrun Lau Bjerno, gjb@life.ku.dk – latest update 18 May 2009

Announcements

Job Bank

It has recently been decided to shut down LIFE's project and internship database, 'Projektøren', because we can now offer something better: The University of Copenhagen has opened a job bank – www.jobbank.ku.dk – and [LIFE has its own portal to the job bank](#).

Project announcements, volunteer positions and much more

With the new LIFE Job Bank, we can present all our business-oriented offers for students in one place, and it will be easier for departments and companies to come into contact with the students at LIFE. In addition to project proposals and volunteer positions, students can also find postings regarding student jobs, trainee positions, PhD fellowships and graduate student jobs. And they can post their CV on the portal, receive good advice on job searching etc.

What does it mean for you?

In connection with the phasing out of Projektøren, all postings in the database will be moved to the Job Bank where they will be available until mid-July.

In future, you can post your own project proposals and advertisements for volunteer positions using the Job Bank's self-service function, see 'Indryk opslag' (Post advertisement) in the right-hand column on the front page. Choose 'tast selv' (self-service) and, depending on the type of job, fill in the fields and submit the advertisement. You are welcome to use your faculty or department logo. Follow the same procedure if you want to advertise a student job, PhD fellowship or research position. All types of advertisements from all units within the University of Copenhagen can be posted for free. The University of Copenhagen Job Bank approves all postings when they are entered or submitted.

Word your advertisements carefully in future

Because there are many more categories to choose from in the University Job Bank compared to Projektøren (student project, student job, trainee position, full-time position etc.), it is a good idea to incorporate words like

'thesis' or 'bachelor project' into the title or the first line of the text. Even though you classify the advertisement as a 'Student project', it is a good idea to use the term in the text as well in order to avoid irrelevant applicants who have conducted too broad a search.

It is also a good idea to write 'master thesis' in English, as foreign applicants use translation machines, which translate the Danish word *speciale* to 'specialist', thus leading to misunderstandings.

Volunteer scheme

As of academic year 2009-10, LIFE has introduced new rules for the volunteer scheme. The changes are partly the result of a desire to increase the quality of the students' internships in the business community and partly to meet a need for a better correlation between academic content, the length of the programme and the ECTS points granted so that students can avoid delays in their studies when they take part in a business project. The new scheme will be called *Erhvervsprojekt* (Industrial Project). When all the details have fallen into place, information about the new scheme will be available in eLIFE and on LIFE's website. The requirements for the industrial project and more information on the scheme will be available on the study activity's introduction page in Course Information.

Contact us

Everyone is still more than welcome to contact us regarding the terms for collaboration with the Faculty's students on projects or internships. We also welcome any comments or suggestions regarding the LIFE Job Bank. Please contact Christina Stigaard at Student Services by email: studenterservice@life.ku.dk or on tel.: +45 3533 3533.

In you have any practical questions regarding announcements or advertisements in the University of Copenhagen Job Bank, please contact the Job Bank on tel.: +45 3838 1010 or salg@jobbank.ku.dk.

We look forward to continuing our excellent collaboration on project and volunteer schemes (soon to be the industrial project scheme!).

Inge Langberg Kjær and Christina Stigaard

Student Services

Faculty of Life Sciences

Thorvaldsensvej 40

1871 Frederiksberg C, Denmark

Tel. +45 3533 3533

www.life.ku.dk/studenterservice or www.life.ku.dk/uddannelse/studerende/erhverv

Gudrun Lau Bjerno, glb@life.ku.dk – latest update 27 May 2009

Teaching practice programme for assistant professors

A new Higher Education Teaching and Teaching Practice Programme for assistant professors and postdocs will begin in August 2009.

Register directly at the [Department of Science Education](#).

Deadline for registration: 15 June 2009.

Gudrun Lau Bjerno, glb@life.ku.dk – latest update 27 May 2009

Leave your mark on the future

Denmark is getting a new Natural History Museum near the Botanical Gardens – in the heart of Copenhagen. On 30 April, an ideas competition was launched for proposals for the new museum. The competition gives anyone interested the chance to submit their proposal for a new museum.

How should the museum look, how should the 12 million artefacts in the collections be displayed within the museum and how can the new buildings best be incorporated into the area with respect for its surroundings? The open ideas competition invites anyone and everyone to submit their ideas. In other words, you do not have to be an architect or a designer to submit a proposal.

You can read more about the ideas competition on the Natural History Museum of Denmark website: <http://www.nytnaturhistorisk.dk/> (in Danish)

It is still possible to participate! The best proposals will receive a prize. The deadline for submission of proposals is 26 August 2009. Leave your mark on the future – just like the dinosaurs did.

Camilla Wandall, Natural History Museum of Denmark, cwandall@snm.ku.dk

Gudrun Lau Bjerno, glb@life.ku.dk – latest update 27 May 2009

Forest & Landscape: Videntjenesten's new website is on air

Forest & Landscape has launched a new website for the knowledge service Videntjenesten. The new site includes a number of improvements for subscribers: improved search function, good structure and new layout, independent front pages for Videntjenesten's four series and easier access to dialogue with Forest & Landscape's consultants.

[Read more here](#)

Gudrun Lau Bjerno, glb@life.ku.dk – latest update 20 May 2009

Universitetsavisen no. 7

Universitetsavisen no. 7 out on 22 May 2009.

[See here where you can find a Universitetsavisen newsstand.](#)

If your department or unit wants to hand the newspaper out directly to its staff, LIFE Operations would be happy to leave a stack in the department/unit mail room. Contact John Stone Andersen, Head of Operations, jsa@life.ku.dk.

Gudrun Lau Bjerno, glb@life.ku.dk – latest update 19 May 2009

New guide for sorting chemical waste at LIFE

Responsibility for receiving chemical waste has now been transferred to Campus Service – Frederiksberg (aka Buildings and Maintenance), and in that connection we are now issuing a new version of the guide 'Kemikalieaffald på LIFE' (Chemical Waste at LIFE). Please note the new opening hours of the chemical waste receiving centre for area 1.

[Read the new guide for sorting chemical waste at LIFE here](#) (in Danish). Please help distribute the guide to lab users who produce chemical waste.

The guide has been prepared by Stig Jacobsen, Henning Willads Petersen and Niels Agerbirk in collaboration with the working environment team at LIFE. The guide has been edited by Maj-Britt K. Stærfeldt, Health and Safety Consultant, who will also be the contact person in relation to the contents of the guide.

The guide will be available on the working environment team's website www.life.ku.dk/arbejdsmiljoe (in Danish).

We want to take this opportunity to remind everyone about the courses on handling chemical waste at LIFE and FARMA on 3 June and 4 June, respectively. Maj-Britt will be attending the courses at LIFE to answer any questions pertaining to the guide. Register via www.sikkerkemi.ku.dk (in Danish).

It is also possible to contact Maj-Britt for guidance at the working environment team's open house events, which will be announced regularly by email, newsletter and on our website.

Kind regards,

The working environment team at LIFE

Maj-Britt K. Stærfeldt, Buildings & Maintenance, mbks@life.ku.dk

Gudrun Lau Bjerno, gjb@life.ku.dk – latest update 18 May 2009

Textbook Prize – win DKK 100,000 and write it

Do you have a good idea for a textbook? Win DKK 100,000 and write it! Deadline: 15 September 2009. The publishing house Samfundslitteratur is again holding its annual Textbook Prize competition – Denmark's largest specialist literature prize.

Read more at www.laerebogsprisen.dk (in Danish).

Past winners of the Textbook Prize:

2008: Jesper Dammeyer & Louise Bøttcher: Psykologi relateret til mennesker med handicap

2007: Ditlev Tamm: Global retskultur

2006: Hans Christian Hansen, Kristine Jess & Jeppe Skott: Matematik for lærerstuderende

2005: Helen Krag: Mangfoldighed, magt og minoriteter

Prizes have also been awarded to:

2007: Bertel Heurlin: Krig og fred i det 21. århundrede

2007: Bella Marckmann, Esther Nørregaard-Nielsen & Niels-Henrik Møller Hansen: Spørgeskema i virkeligheden

2006: Camilla Sløk & Anne-Mette Nortvig Willesen: Kristendomskundskab, livsoplysning og medborgerskab

2006: Vincent F. Hendrick & Frederik Stjernfelt: Tal en tanke

The objective of the Textbook Prize is to inspire lecturers and researchers with a desire to become authors to create new textbooks for long and medium-cycle courses of study in the humanities, social sciences and natural sciences.

To participate in the competition, you must submit a synopsis, an outline and one or two chapters of your book. Proposals for e-learning projects are also welcome.

Deadline: 15 September 2009.

Read more about the terms and conditions for participation at www.laerebogsprisen.dk (in Danish).

Samfundslitteratur
Rosenørns Alle 9
DK-1970 Frb. C
Tel. (+45) 3815 3880

sforlagene@samfundslitteratur.dk

www.samfundslitteratur.dk

Learn more about the Textbook Prize. Contact Samfundslitteratur: Tel. (+45) 3815 3880

sforlagene@samfundslitteratur.dk

or visit: www.laerebogsprisen.dk

Gudrun Lau Bjerno, glb@life.ku.dk – latest update 18 May 2009

Education

FNAT - FNAT - FNAT

The [block 4 issue of FNAT](#) is on the way... so keep your eyes open!

Read about, among other things, the Plant Breeding Group's Tour de Jylland 2009, which three things Forest and Landscape Centre Director Niels Elers Koch would want with him on a desert island and how students from LIFE won the Grundfos Challenge.

Kind regards,
Mette Clausen
Editor

Gudrun Lau Bjerno, glb@life.ku.dk – latest update 27 May 2009

The Danish Kauffman Global Scholarship Program

IDEA, the Danish Enterprise and Construction Authority and Øresund Entrepreneurship Academy offer five scholarships for the Danish Kauffman Global Scholarship Program.

Read more about the [application procedures](#) here – deadline for applications is: 7 June 2009

Read more about the [Danish Kauffman Global Scholarship program here](#) – [Invitation](#) – [Poster](#)

Gudrun Lau Bjerno, glb@life.ku.dk – latest update 20 May 2009

University of Copenhagen entrepreneurship idea nominated to Venture Cup finals

A team from the University of Copenhagen – Wølwa Group – has just been nominated for the final competition of the nationwide entrepreneurship competition Venture Cup. [See Venture Cup's press release.](#)

Gudrun Lau Bjerno, gib@life.ku.dk – latest update 19 May 2009

Bring your e-learning ideas to LIFE

Are you keen to learn more about e-learning? About the way we use e-learning at LIFE and how e-learning has given the act of teaching new dimensions?

Then come to the 'Bring your e-learning ideas to LIFE' seminar, 8 June 2009 from 2:30–4:30 pm, lecture hall 3-13, Thorvaldsenvej 40.

Rikke Langebæk, PhD, Department of Small Animal Clinical Sciences (<http://www.dyrehospitalet.ku.dk/>), will talk about how she has successfully used the new educational tools that e-learning has provided in the course: Basic Surgical Skills.

Christian Bugge Henriksen, Assistant Professor, Department of Agriculture and Ecology (<http://en.ijv.life.ku.dk/>), will talk about how he and his students save the world online in the course that is on everyone's lips: Climate Change, Impacts, Adaptation and Mitigation.

The final speaker is one of LIFE's most experienced e-learning teachers: Carsten Smith Olsen, Professor, Forest and Landscape. Carsten will take the next step and give us a look at the future in the presentation: Into Unknown Territory – Future e-Learning at LIFE – Possibilities and Pitfalls.

There will be time to discuss burning questions in the panel debate following the lectures. The panel will be chaired by the three speakers and by Per Holten-Andersen, Dean, Grete Bertelsen, Vice-dean of Education, Gitte Preisler, Head of IT Learning Centre and a student representative.

Participation is free, but registration is necessary. Registration and programme:

Deadline for registration: 3 June

<http://www.itlc.life.ku.dk/Nyheder/2009/seminar.aspx>

We look forward to seeing you!

Per Holten Andersen, Dean
Grete Bertelsen, Vice-dean

Gudrun Lau Bjerno, gib@life.ku.dk – latest update 18 May 2009

Staff news

Chr. Hansen A/S concludes agreement for PhD fellowship at LIFE under the Danida Public Private Partnerships (PPP)

Chr. Hansen A/S has donated a scholarship under the PPP scheme to **David Bichala Adimpong from Ghana** for a three-year PhD fellowship at the Department of Food Science, Faculty of Life Sciences. The donation from

Chr. Hansen makes up half the scholarship, and the other half is ensured via the PPP agreement between the Faculty of Life Sciences and Danida.

The working title of the project is 'Characterization and Diversity of Bacterial Strains from Various African Fermented Foods'. Professor Lene Jespersen from the Department of Food Science will be academic supervisor on the project.

Chr. Hansen A/S is one of the world's leading suppliers of natural ingredients for foods, and has the world's largest commercial culture bank with more than 10,000 bacterial strains.

Read about the [Faculty of Life Sciences PPP agreement with Danida](#) (in Danish).

For more information, please contact Mikael Jørgensen, Secretariat for Developing Countries, mij@life.ku.dk tel. +45 3533 2857.

Mikael Jørgensen, Study and Students' Affairs, mij@life.ku.dk

Gudrun Lau Bjerno, glb@life.ku.dk – latest update 27 May 2009

A.P. Møller-Mærsk A/S concludes agreement for PhD fellowship at LIFE under the Danida Public Private Partnerships (PPP)

Mærsk A/S has donated a scholarship to **Stephen Abban from Ghana** for a three-year PhD fellowship at the Department of Food Science. The donation from Mærsk makes up half the scholarship, and the other half is ensured via the PPP agreement between the Faculty of Life Sciences and Danida.

The title of the project is 'Microbial behaviour and cross Contamination between cargoes in containerized transportation of food' and the academic supervisor is Professor Lene Jespersen from the Department of Food Science.

Read about the [Faculty of Life Sciences PPP agreement with Danida](#) (in Danish).

For more information, please contact Mikael Jørgensen, Secretariat for Developing Countries, mij@life.ku.dk tel. +45 3533 2857.

Mikael Jørgensen, Study and Students' Affairs, mij@life.ku.dk

Gudrun Lau Bjerno, glb@life.ku.dk – latest update 20 May 2009

Research

Schools hungry for the natural sciences

A total of 326 natural science lectures were completely booked in just two hours. In connection with the Danish Science Festival, which will take place in calendar week 39, natural scientists offer free lectures to lower and upper secondary schools – and several of the lecturers are in very high demand. There are usually a large

number of LIFE researchers represented in the 'Book a Lecture' catalogue, but that should not stop anyone from signing up – [learn more here](#) (in Danish), at www.naturvidenskabsfestival.dk (in Danish) or on tel.: +45 7020 8620

Gudrun Lau Bjerno, glb@life.ku.dk – latest update 20 May 2009

Industrial PhD projects attract researchers to Denmark

More and more international students are interested in earning an Industrial PhD. In 2008, alone, 24 projects from international students were approved, corresponding to 20 per cent of the total number of approved Industrial PhD projects.

In 2008, students from 12 different countries were given the opportunity to do an Industrial PhD with a company in Denmark. In 2005, the share of new Industrial PhD projects with an international PhD fellow was only 5 per cent.

International researchers are particularly attracted to the large Danish companies which operate globally. The scheme does not specify requirements regarding the nationality of the student or the geographical location of his or her university. The only requirement is that the company that enters into an agreement for a three-year Industrial PhD project has a department in Denmark.

"The increasing interest from abroad is an acknowledgement of both the Industrial PhD scheme and the research environments at Danish companies and universities. And the international students in the Industrial PhD projects strengthen the international networks of the Danish knowledge environments, which is particularly positive," says Helge Sander, Danish Minister for Science, Technology and Innovation.

In addition to the academic content of the Industrial PhD project, the scheme places great emphasis on the national and international networks which students, companies and universities can create in the business community and the academic world.

In addition to the growing international interest, the Industrial PhD scheme is generally experiencing record-breaking enrolment. In 2008, 119 applications were approved, which is over 9 per cent more than the previous year and the largest number of approved projects ever.

Secretariat for the Industrial PhD scheme: Ditte Mesick – tel.: +45 3544 6213 or email: dtme@fi.dk

See also www.erhvervsphd.dk

Gudrun Lau Bjerno, glb@life.ku.dk – latest update 19 May 2009

New research centre will make biofuel sustainable

The Danish Council for Strategic Research has granted DKK 22 million to a new research centre at LIFE – Faculty of Life Sciences, University of Copenhagen, which will open its doors on Monday. The centre will be developing new biotechnological methods to enable the conversion of agricultural waste into biofuel. The goal is to be able to use the same harvest for both animal feed and bioethanol.

[Read the press release – click here](#) (in Danish)!

Gudrun Lau Bjerno, glb@life.ku.dk – latest update 18 May 2009

Research funds etc.

See the updated information on the Research & Information website.