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# IEG News

## News from the administration

### **Purchasing**

The finance department wishes to remind that no private purchases relating to operating costs in projects can be done through Uppsala University. If private funds such as scholarships are to be used, the material is ordered by the private person and the invoice is sent to the purchaser's home address.

If you would like to buy goods through the university's agreements (e.g., chemicals, consumables, etc.) then the funds has to be deposited in a University account and overhead costs will be added.

### **Are you planning to apply for a research grant?**

Grant applications including financial calculations must be reviewed by the program's economist for further processing to the program- and department head. Ask your economist for an updated version of the budget sheet for 2021.

Don't forget to inform your economist once you have received the grant, the information is needed in order to transfer the funds to our account.

### **Stress management courses**

The university offers courses in stress management for co-workers and doctoral students through our occupational health service provider Previa. Last application date is getting closer! Read more on the link: <https://mp.uu.se/c/perm/link?p=308249673>

### **TBE vaccine**

If you are planning to do field work in areas where TBE is present you can take you vaccine throw Previa. Employees makes an appointment by phone: 0771-230000 or via website: <https://www.previa.se/tjanster/vaccination-och-provtagning/bestall/>

Enter the payment reference (146) and the name of your nearest manager. Master students and hourly employees are requested to contact Jenny Lundh before contacting Previa.

## News from the equal opportunities group

Equal opportunities group has updated the information about Equal opportunities at IEG at the department website.

Check the site, and you will find useful information and links: <https://www.ieg.uu.se/about-us/equal-opportunities/>

Equal opportunities group also wants to thank everyone who took the time to answer to the "Covid-19 effects on your work at IEG" survey. The summary of the answers can be found in Medarbetarportalen/Institutionen för ekologi och genetik/Documents

## BÄR award

Per Alström received the student organization Biologiska Ämnesrådets (BÄR) pedagogical prize "Pekpinnen" 2020. It is a challenge cup that is awarded each year to a teacher, professor or educator at IBG to show appreciation for their work

"BÄR (pronounced like the animal bear) is the Biology Student Council that represents all biology students who study at the Biology Education Centre at Uppsala University. Your best friend during all your years as a biology student.

<https://www.facebook.com/Biologiskaamnesradet>



Photo: Linn Månsson

## TekNat Bjurzon's premium award

Anna Nydahl was a doctoral student at Limno during 2015-2019. Anna worked within the EU project H2020-MSCA-ITN-2014: Carbon Cascades from Land to Ocean in the Anthropocene (C-CASCADES). The challenge was to quantify carbon flows in inland waters so that the most important processes could then be implemented in the global climate models used, e.g. for the UN Climate Panel. Anna Nydahl received the award for... excellent dissertation on scientific content written by student or younger academic teacher.

## Debate article

Gesa Weyhenmeyer with other scientists and academics has written a debate article in "The Guardian" about climate and the risk of societal collapse. Here is a link: <https://www.theguardian.com/environment/2020/dec/06/a-warning-on-climate-and-the-risk-of-societal-collapse>

## New publications

A recent opinion paper was published by Limnos past and present (Dolly Kothawala, Anne Kellerman, Núria Catalán, Lars Tranvik) emphasizing that 'cross-ecosystem studies are critical to making the next set of important breakthroughs in our understanding of controls on organic matter degradation'. The paper identifies that conceptualizations have been diverging across soil, freshwater and marine sub-disciplines. In moving forward, the paper encourages development of a holistic perspective of OM degradation that is independent of the ecosystem, and emphasizes the need to consider a complex interplay between thermodynamics and kinetics. Check out the article here: [https://www.cell.com/trends/ecology-evolution/fulltext/S0169-5347\(20\)30283-4](https://www.cell.com/trends/ecology-evolution/fulltext/S0169-5347(20)30283-4)

Anna Qvarnström and former PhD student Eryn McFarlane joined forces with a large group of other researchers working on long-term population studies on birds and mammals to evaluate whether natural populations adaptively can change their phenology in response to the ongoing global climate change. This scientific work, led by Pierre de Villemereuil from CNRS in Montpellier, France,

was recently published in Proceedings of the National Academy of Sciences of the United States of America (PNAS): “Fluctuating optimum and temporally variable selection on breeding date in birds and mammals” (<https://www.pnas.org/content/117/50/31969>). This study represents one of the largest compilations of long-term datasets ever published and investigates the effects of fluctuating selection pressures and the corresponding changes in fitness optimum on the phenotypic changes in timing of breeding. This massive compilation of 35 datasets - including our 14 years of data on over 2000 breeding events in collared flycatchers - demonstrates the power of using long-term studies for dissecting details about ongoing evolution. We show that selection generally favours earlier breeding date with some fluctuations in the optimum breeding date between years. These changes in fitness optima over time are partially but not completely matched by phenotypic plasticity

## Reading tips

A recently published report with suggestions on how to better understand the impact of products and supply chains on biodiversity. The report is a consequence of a workshop that took place at the world biodiversity forum in Davos last year.

<https://link.springer.com/article/10.1007/s11367-020-01846-1>