

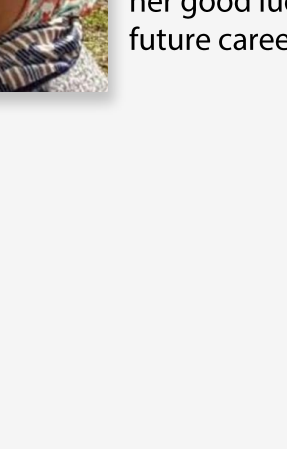
Dear colleagues,

While Frits is having a well-deserved sabbatical this year, I will be acting Vice Head of Research. This includes representing our Department at various research-related faculty matters. In that regard I would like to highlight the five advertised PhD positions (MNT positions). These are earmarked for projects in basic life sciences. Some of us might feel that the funding agencies have significantly changed their focus from basic sciences towards translational and clinical projects. For the aspiring PhD students out there with exciting projects ideas on solving basic biological questions, this therefore represents an unique opportunity to obtain funding.

I would also like to remind everyone of the TMS starting grant. This continues to be a great possibility to attract new scientific talent to IBM. Selection criteria are mainly excellent scientific record and international experience. If you have any candidates in mind, please forward their names to the Faculty.

With that, good luck with all your experiments out there.

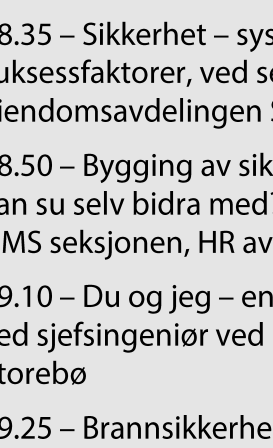
Nils Halberg



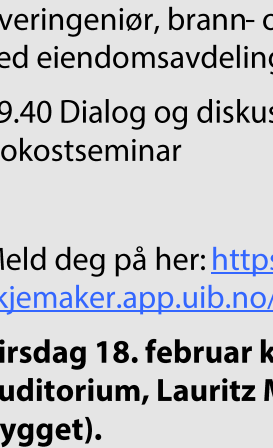
Human Resources

Events for UIB employees

We wish farewell to these colleagues:



Anne Marie Simone
Døskeland retires from her position as Senior Engineer at PROBE on 31 January. The Department would like to thank Anne for her long and dedicated service, and wishes her all the best for her retirement.



Adrian Drazic
ends his Post Doc term at the Translational Cell Signaling and Metabolism Group on 31 January. We wish him good luck with his future career.

Benefits for employees at UIB

Vacant positions at the University of Bergen

Leila Tajedin
ended her Post Doc term at the Biorecognition Group on 08 January. We wish her good luck with her future career.

Operations, Health, and Safety

Det gode arbeidsmiljø

Frokostseminarserie arrangert av vernetjenesten ved UIB.

Det første frokostseminaret i 2020 som handler om sikkerhet, kompetanse og trygghet

Program
08.30 – Velkommen. Universitetets hovedverneombud June-Vibecke K. Indrevik

08.35 – Sikkerhet – systemer og suksessfaktorer, ved seniorrådgiver ved eiendomsavdelingen Steffen Hauge Wolff

08.50 – Bygging av sikkerhetskultur – hva kan du selv bidra med? Ved seksjonsjef ved HMS seksjonen, HR avdelingen Roar Nese

09.10 – Du og jeg – en fare for sikkerheten? ved sjefsingeniør ved IT-avdelingen Sidsel Storebø

09.25 – Brannsikkerhet ved UIB, ved overingeniør, brann- og sikkerhetsingeniør ved eiendomsavdelingen Tore Reigstad

09.40 Dialog og diskusjon, innspill til senere frokostseminar

Meld deg på her: <https://skjemaker.app.uib.no/view.php?id=7826961>

Tirsdag 18. februar kl. 08.30-10.00, Stort auditorium, Lauritz Meltzers hus (SV-bygget).

The good work environment

Breakfast seminar series hosted by the safety services at UIB

The first breakfast seminar in 2020 is about security, competence and safety.

Program
08:30 – Welcome. The university's main safety representative,

08:35 – Safety – systems and success factors. Senior Advisor at the Estate and Facilities Management Division, Steffen Hauge Wolff

08:50 – Building a Culture of Security - How Can You Contribute? Section Manager at the HSE Section, Roar Nese

09:10 – You and Me – a Danger to Security? Chief Engineer at the IT Department, Sidsel Storebø

09:25 – Fire Safety at UIB. Chief Engineer at the Fire Safety Section at the Estate and Facilities Management Division, Tore Reigstad

09:40 Dialogue and discussion, suggestions for future breakfast seminars.

Register here: <https://skjemaker.app.uib.no/view.php?id=7826961>

Tuesday 18 February, 08:30-10:00, Stort auditorium, Lauritz Meltzers hus (the SV Building).

Husk HMS-kartleggingen!

HMS-kartleggingen vil stenges mandags morgen (27 januar), så husk å melde inn dersom dere har noe å melde og ikke har gjort det enda.

<https://skjemaker.app.uib.no/view.php?id=4442889>

Remember the HSE-survey!

The HSE-survey will be closed on Monday morning (27th of January). So if you have something to report and haven't done so yet, remember to do it as soon as possible.

<https://skjemaker.app.uib.no/view.php?id=4442889>

Research, Science, and Seminars

Publications

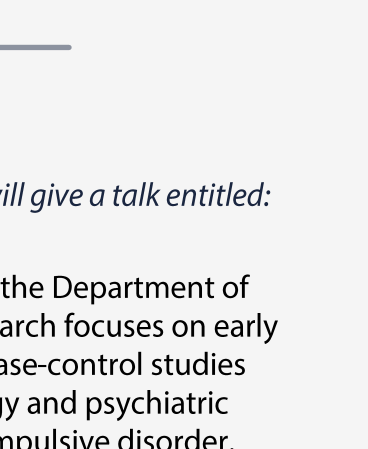
The following list is the PubMed search result for "Bergen AND Biomedicine" since the last newsletter. Authors who attribute the Department are shown in bold.

Targeting NAD⁺ in translational research to relieve diseases and conditions of metabolic stress and ageing.
Gilmour BC, Gudmundsrud R, Frank J, Hov A, Hindkjaer Lautrup S, Aman Y, Røsjø H, Brenner C, Ziegler M, Tysnes OB, Tzoulis C, Omland T, Sørås A, Holmøy T, Bergersen LH, Storm-Mathisen J, Nilsen H, Fang EF.
Mech Ageing Dev. 2020 Jan 14:1111208. doi: 10.1016/j.mad.2020.111208

Epac1 null mice have nephrogenic diabetes insipidus with deficient cortico-capillary osmotic gradient and weaker collecting duct tight junctions.
Åsrud KS, Bjørnstad R, Kopperud R, Pedersen L, van der Hoeven B, Karlens TV, Rygh CB, Curry FR, Bakke M, Reed RK, Tenstad O, Døskeland SO.
Acta Physiol (Oxf). 2020 Jan 13. doi: 10.1111/apha.13442

Metabolic analysis of amino acids and vitamin B6 pathways in lymphoma survivors with cancer related chronic fatigue.
Fosså A, Smeland KH, Fluge Ø, Tronstad KJ, Loge JH, Midtun Ø, Ueland PM, Kiserud CE.
PLoS One. 2020 Jan 10;15(1):e0227384. doi: 10.1371/journal.pone.0227384.

CREB family transcription factors are major mediators of BDNF transcriptional autoregulation in cortical neurons.
Esvold EE, Tuvikene J, Sirp A, Patil S, Bramham CR, Timmusk T.
J Neurosci. 2020 Jan 8. pii: 0367-19. doi: 10.1523/JNEUROSCI.0367-19.2019.



CCBIO seminar

Johannes Eble from the University of Münster, Germany, will give a talk entitled "Beating around the bush, yet hitting the point: CAFs and vasculogenic mimicry vessels as anticancer targets".

Prof. Johannes Eble has a long background in integrin biology. He did his PhD with Prof. Klaus Kühn at the Max Planck Institute of Biochemistry in Munich and his postdoctoral research with Prof. Martin Hemler at the Dana-Farber Cancer Institute in Boston, before returning to Germany to become a group leader at the Institute of Physiological Chemistry and Pathobiochemistry. Research in the institute is focused on the structure and function of the extracellular matrix and integrin receptors, and how cell-matrix interactions affect developmental processes, tissue homeostasis and pathophysiological processes.

Thursday, January 30, 14.30, Auditorium 4

BBB seminar

Christina Hultman from the Karolinska Institute in Stockholm, Sweden, will give a talk entitled: "Genetic risk factors and mechanisms for schizophrenia".

Christina Hultman is Professor Emerita in Psychiatric epidemiology at the Department of Medical Epidemiology and Biostatistics, Karolinska Institutet. Her research focuses on early origins of psychological and mental disorders. She performs clinical case-control studies and population-based register studies within psychiatric epidemiology and psychiatric genetics in schizophrenia, bipolar disorder, autism, and obsessive-compulsive disorder.

Thursday, February 6, 14.30, Auditorium 4

Faglig-pedagogisk dag

Freddag 31. januar tar UIB imot nærmere 1000 lærere fra ungdomsskoler og videregående skoler fra hele det nye Vestland. Alle fakulteter bidrar med åpne forelesninger, kurs og workshops.

UIB-ansatte er også velkommen - belytt anledningen til å få med deg noe av det dine UIB-kolleger forsker på!

[Se hele programmet](#)

31. Januar, Bergen

Teacher's Day

On Friday 31 January, UIB will receive closer to 1000 teachers from junior high schools from all over the new county Vestland. All faculties contribute with open lectures, courses and workshops.

UIB staff are also welcome— please use this opportunity to get to know some of all the things you UIB colleagues are researching!

[See the entire program here](#)

31 January, Bergen

Bærekraftskonferansen og Day Zero

Det nærmer seg tiden for UIBs store nasjonale konferanse 6. og 7. februar.

Som i fjor holder UIB en arrangementsdag den 5. februar ved navnet Day Zero. Her finnes det noe for enhver smak, og godt faglig påfyll.

Du kan delta på en rekke svært interessante seminarer og workshops med ulike tilnærminger til bærekraft. Har du studenter i undervisning kan kanskje noen av arrangementene være relevant å ta med studentene på. Day Zero er selvfølgelig gratis og et velkommet tilbud.

Det er mer enn 30 arrangement å velge mellom, og temaene spenner bredt. Ta en titt på listen av arrangementer [her](#).

Informasjon om selve konferansen: SDG Conference 6.-7. Februar, Bergen

Sustainable Development Goal Conference and Day Zero

The large national SDG conference hosted by UIB is coming up, on 06 and 07 February.

Like last year, UIB will arrange a pre-conference day called Day Zero. The program is varied and packed with interesting topics.

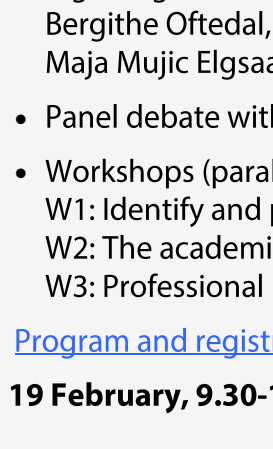
You can participate on a number of very interesting seminars and workshops with different approaches to sustainability. If you are teaching students, some events might be suited for bringing those students to. Day Zero is of course free and truly a unique offer.

There are more than 30 events to choose from, and the topics are selected from a wide range. Take a look at the events [here](#).

Information on the conference itself: SDG Conference 6.-7. Februar, Bergen

PhD updates

PhD defense: Jahedul Alam



Trial lecture: 31 January, 10.15, Auditorium at Armauer Hansens Hus
Topic: The biology of TGFβeta – its role in ECM regulation and fibrosis

Public defenses: 31 January 2020, 12.15, Armauer Hansens Hus
Thesis title: Novel insights into Integrin α11 expression and function

Career day for PhD-candidates and post docs

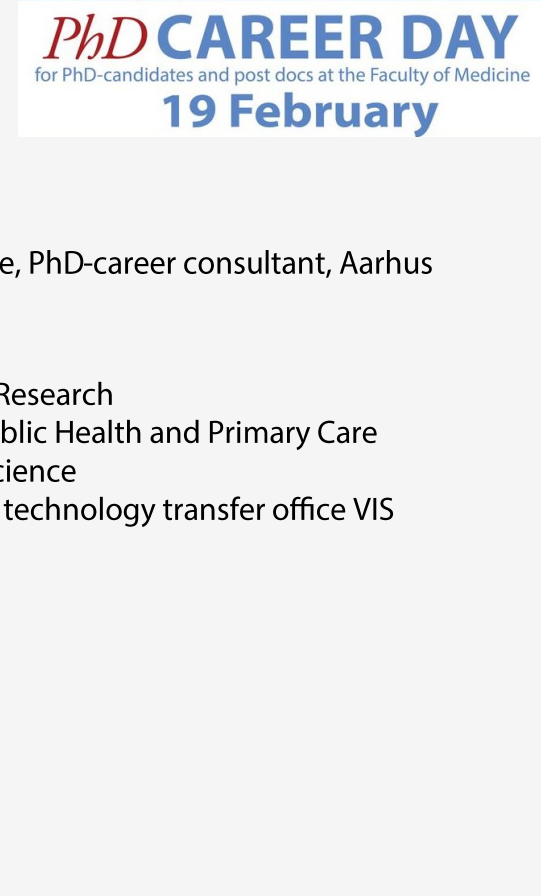
For the fourth time, PhD-candidates and post docs at the Faculty of Medicine are invited to a whole day filled with lectures, discussions and skill-building workshops regarding career opportunities.

From the program:

- Opening by Per Bakke and Marit Øilo
- Innovation as a career opportunity, Emmet McCormack, UIB
- Career management for PhD-candidates, Vibeke Broe, PhD-career consultant, Aarhus University
- "My way" by former PhD-candidates
Ingeborg Fortun, post doc, Department of Global Public Health and Primary Care
Bergithe Oftedal, post doc, Department of Clinical Science
Maja Mujic Elgsaas, senior business developer at the technology transfer office VIS
- Panel debate with all presenters
- Workshops (parallel sessions)
W1: Identify and present your own skill set
W2: The academic track
W3: Professional poster design

[Program and registration.](#) (Deadline 14 February)

19 February, 9.30-16.00, BBB



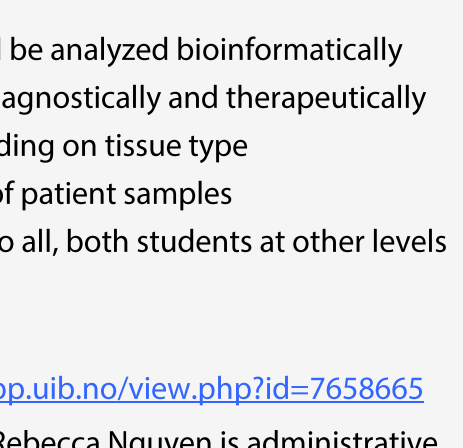
CCBIO Junior Scientist Symposium (JUSS)

CCBIO has the pleasure of inviting you to their CCBIO Junior Scientist Symposium (JUSS) January 30th, 2020!

Senior Advisor Yves Aubert from the Division of Research and Innovation will share concepts of innovation and address their importance for researchers. Additionally, junior researchers will present interesting projects covering various fields, among other with the use of next generation technology with exciting results from the Hyperion Image System and Artificial Intelligence analysis on tumor vessels. Join us for a perfect occasion for professional input and networking!

Open for all and free, including lunch.
The program can be [found here](#).
Registration: At [ccbiojuss.no](https://skjemaker.app.uib.no). Registration deadline: January 28th at noon.

Thursday 30 January 2020, 10.00-13.40, Conference room, BB-building



CCBIO Cancer Genomics

February 2021, we are running the CCBIO906 course on Cancer Genomics.

This is a 3 ECTS course that provides broad understanding of aspects of cancer genome biology and its investigation by next generation sequencing (NGS) technologies. Methods for analyzing DNA variation and structure and RNA expression patterns will be covered, as well as nuclear and chromatin structure. Also, ethical and legal aspects, and hereditary predisposition, will be taught. CCBIO906 will give you knowledge regarding:

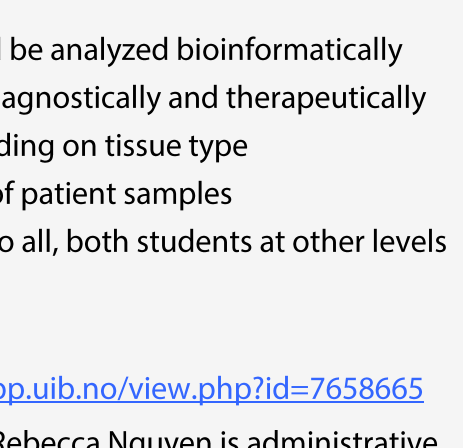
- What kinds of mutations may predispose for, contribute to, or appear during cancer development
- How these variants can be detected by NGS methods and be analyzed bioinformatically
- How to employ these methods to stratify patients both diagnostically and therapeutically
- The different implications of the same aberrations depending on tissue type
- Ethical and legal regulations regarding genetic analyses of patient samples

The course is mainly intended for PhD candidates, but open to all, both students at other levels and researchers. There is no course fee.

The program can be found [here](#).
Registration is open, please use this link: <https://skjemaker.app.uib.no/view.php?id=7658665>
Responsible: Ola Myklebost has the academic responsibility. Rebecca Nguyen is administrative coordinator.

More information: at [this link](#).

19-21 February 2020, Room B307, Haukeland University Hospital, main building 3rd floor (Sentraltblokken),



Academic Affairs

Workshop i dokumentasjon av pedagogisk kompetanse

Enhet for læring arrangerer denne våren 2 workshops for vitenskapelig ansatte som vil ha hjelp til å komme gang med å lage en pedagogisk mappe.

Mandag 9. mars (kl. 09:15-14:00) – Styremøtet, 4. etasje Armauer Hansens hus

Mandag 27. april (kl. 09:15-14:00) – møterom 020, Armauer Hansens hus

Dette er aktuelt for alle som skal søke jobb, forlengelse av en engasjement eller opprykk, eller som vurderer å søke om status som merittet underviser. Påmelding via lenke på EFL sine nettsider

<https://www.uib.no/med/enhetforl%C3%A6ring/132786/workshops+pedagogiske-mapper-v%C3%A5ren-2020>

Workshop: documentation of teaching competence

The Unit for Learning will host 2 workshops for teaching staff this spring that will help you get started with creating a teaching portfolio.

Monday, March 9 (9:15-14:00) - Boardroom, 4th floor Armauer Hansens house

Monday, April 27 (9:15-14:00) - Meeting room 020, Armauer Hansens house

This is relevant for anyone who is looking for a job, an extension of an contract or promotion, or who is considering applying for a status as a qualified teacher.

Registration via a link on EFL's website:

<https://www.uib.no/med/enhetforl%C3%A6ring/132786/workshops+pedagogiske-mapper-v%C3%A5ren-2020>

Funding Announcements

Current funding announcements/deadlines

NOTE:

If you plan to apply for external funding, **please always send a short notice** to the Department's administration Janne.Gotaas@uib.no; cc: Margarethe.Bittins@uib.no.

For applications for international funds (EU, EEA, others) you will need approval from the Head of the Department and the University's division of research- and innovation. **Fill in this short statement (PDF)** and send it to the Department's administration Janne.Gotaas@uib.no; cc: Margarethe.Bittins@uib.no.

University of Bergen

- **5 PhD positions in Mathematics, Natural Science or Technology, at the Faculty of Medicine**
Supervisors who are employed at the Faculty of Medicine must have completed the faculty's online course for PhD supervisors at the time of the application deadline for further processing of the application.
<https://www.jobbnorge.no/en/available-jobs/job/181058/phd-positions-5>
Deadline: 9 February
- **2 interdisciplinary PhD positions within Climate and Energy Conversion 2020**
The University of Bergen invites project sketches for two PhD positions within the strategic focus area climate and energy conversion. The focus area is managed by the MN faculty in collaboration with an interdisciplinary committee with representatives from all faculties.
Download guidelines and the application [form here \(word\)](#).
Deadline February 15, 2020
- **2 PhD positions within Global Challenges**
The University of Bergen invites project drafts for two phd-positions within the strategic focus area Global Social Challenges. The positions are four-years, with 25% duty. The projects will help solve global societal challenges. The project sketch must describe this. The project proposal must also contribute to academic renewal and collaboration between a minimum of two faculties is required. Key words for the initiative are "migration, health and inequality". The project sketches must focus on one or more of these themes. The project sketch must show new innovative angles and perspectives. [Guidelines and application form \(PDF\)](#).
Deadline: 15 February, 2020

Horizon 2020 – European Research Council ERC Frontier research grants

[ERC Consolidator Grant](#) - **Deadline: 4 February 2020**
[ERC Advanced Grant](#) - This year is the last call for ERC Advanced Grant in Horizon Europe and ERC will have approx. 15% more funds available - this means that the success rate may exceed the usual 11-13%. Active researchers who have a track-record of significant research achievements in the last 10 years. The Principal Investigators should be exceptional leaders in terms of originality and significance of their research.
Deadline: 26 August 2020

Horizon 2020 – ERA-Net Neuroun

- Call for Proposals for Translational Research Projects on [Sensory Disorders](#) Proposals should focus on research potent and/or loss of sensory function of neural origin. The proposals may include studies on sensory neurons, including receptor cells, the related neural pathways and connected brain areas.
Deadline (pre-proposal): 10 March
- Call for Proposals for Research Projects on [Ethical, Legal, and Social Aspects \(ELSA\) of Neuroscience](#) address important questions regarding ethical, philosophical, legal and socio-cultural aspects related to the neurosciences and their present advances.
Deadline (pre-proposal): 28 April

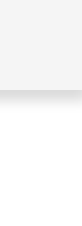
Horizon 2020 JPNPD

Call for [novel imaging and brain stimulation methods and technologies related to neurodegenerative diseases](#). This translational call invites proposals for ambitious, innovative, multinational and multidisciplinary collaborative research projects aimed at the development of novel and the advanced use of existing cutting-edge imaging and brain stimulation technologies related to neurodegenerative diseases. The total made available for this call is about 18 million euros.
Deadline: 3 March

Horizon 2020 Innovative Medicines Initiative (IMI)

Public-private partnership aiming to speed up the development of better and safer medicines for patients. It is a partnership between the European Union and the European pharmaceutical industry. All interested parties from academia, SMEs, mid-sized companies, patient organisations, regulatory agencies, health technology assessment bodies, etc. are invited to form consortia and submit a short proposal, via the Funding & Tenders Portal, in response to the Call. Future topics:

- **Tumour plasticity (PDF)**. The overall objective of the Call topic is to use state-of-the-art single-cell sequencing to understand and overcome drug resistance in cancer by characterising the biology of **drug tolerant** persister cells, building the capability for such studies across Europe.
- Neurodegeneration and other neuroscience priorities: Rare neurodegenerative and neurocognitive diseases clinical platform development
- Big data, digital health, clinical trials and regulatory research Data lakes, Personalised endpoints, Returning clinical trial data to patients
- Oncology: Real-world clinical implementation of liquid biopsy, Microbiome
- Translational safety: Pharmacodynamic drug-drug interaction predictive testing by learning algorithms to enhance safety, Digital vivarium
- Facilitating rare disease therapies (including Advanced Therapy Medical Products) reaching patients in Europe: Clinical outcomes assessments for rare diseases, Defragmenting and shortening the path to rare disease diagnosis by using genetic screening and digital technologies









Research Council of Norway

Upcoming calls for researcher projects:

- [Researcher Project for Scientific Renewal](#)
- [Researcher Project for Young Talents](#)
- [Three-year Researcher Project with International Mobility](#)

Deadline: 6 May 2020



European & Developing Countries Clinical Trials Partnership (EDCTP)

In 2019, EDCTP's supports clinical research and related activities on **poverty-related diseases**.
[Paediatric drugs formulations for poverty-related diseases \(RIA\)](#)
Deadline: 16 March 2020



Trond Mohn Foundation

Grants towards research and research supporting activities at the University of Bergen and Haukeland University Hospital (HUS), and other Norwegian research institutions who cooperate with institutions in Bergen. The foundation also gives grants to support translational research at UIB and HUS.

[The Starting Grant Programme](#) is open to departments and faculties at the University of Bergen (UIB) aiming to recruit young national or international candidates with outstanding academic merit and research potential. TMS encourages the university to nominate candidates with an **international background**.

Eligibility: UIB faculties may nominate candidates that meet the eligibility criteria as follows: Candidates who hold a permanent position as an associate professor or professor at UIB are not eligible for nomination. A candidate cannot be nominated two consecutive years. Candidates who have reached the age of 40 by 16 March 2020 are normally not eligible. The age limit may be extended for a maximum of two (2) years under certain circumstances
Deadline: March 16th 2020



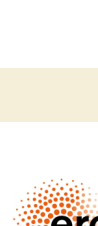
EEA and Norway Grants: Czech Republic - KAPPA

The Programme shall support capacity building in applied research, including supporting small and medium-sized enterprises (SMEs), social sciences, humanities and arts research, and careers of female researchers and early stage researchers. The applicant shall be established in Czechia, with a partner organization in Norway.
Deadline: 27 February



Peder Sather Center

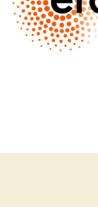
The Peder Sather Center for Advanced Study supports projects carried out by researchers at **UC Berkeley** in collaboration with researchers from nine Norwegian universities. The Center offers grants of between \$10K and \$25K. Funds are made available for one academic year. Grants can support activities such as workshops, mini-conferences, virtual intellectual exchanges, the undertaking of exploratory and pilot studies, activities such as PhD student exchanges, longer-term stays for Principal Investigators, the collection and analysis of data, and other core research activities.
Deadline: 1 April 2020



Stiftelsen Dam (formerly ExtraStiftelsen)

The Dam Foundation is one of Norway's largest foundations and supports time-limited projects and initiatives in the field of health.

[FORSKNING 2020](#): for research projects that deal with physical and mental health, coping and quality of life. The research scheme finances research positions, PhD and postdoctoral positions. The application must be submitted in cooperation with a voluntary organization for health purposes and with the right of access to Stiftelsen Dam (called applicant organization). In the first round, you only need to send a project sketch.
Deadline 17 February



The Norwegian Cancer Society is inviting researchers to submit their project sketches through them. If you want to apply with the Norwegian Cancer Society, read more about the internal application process: [here](#) (Norwegian). **Deadline: 31 January 2020**



Personal Grants

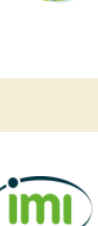
[Research Council of Norway TRAVEL GRANT](#)

Scholarship for research stays abroad for 3-12 months for PhD candidates and Post Doctors in projects with funding from the Research Council. **Deadline: continuing**



Helse Vest TRAVEL GRANT

granted for 6 or 12 months. Postdoctoral fellowship applicants are especially encouraged to apply for an overseas fellowship over the course of their fellowship period. **Continuing deadline**



ERASMUS+ staff mobility TRAVEL GRANT

Subsidising mobility of up to two months, for UIB staff including PhD-candidates and post docs, to attend courses or individual laboratory visits. Also have a look at the list of organized [staff mobility weeks](#).
Deadline: 20 August and 20 January

