#### Gästforskare vid DBB

DBB kan knyta personer till sin verksamhet som gästforskare för att utveckla nationellt och internationellt utbyte eller för att driva samarbetsprojekt. Gästforskare ska godkännas av prefekt innan de blir inbjudna.

För att registreras som gästforskare vid DBB skall forskaren:

- Ha disputerat eller påbörjat en forskarutbildning vid annat lärosäte i Sverige eller utomlands.
- Vara anställd som lärare/forskare vid svenskt eller utländskt lärosäte, myndighet eller företag under hela gästforskarperioden.
- Vara inbjuden av en gruppledare vid DBB som står som värd med direkt ansvar för projekt och handledning.
- I övrigt anses vara till nytta för DBBs verksamhet.

För att anhålla om att knyta gästforskare till DBB skall värden fylla i följande formulär https://form.jotformeu.com/81753656308362

#### Övrig information/villkor

Gästforskare vid DBB kommer i samtliga fall försäkras via kammarkollegiet under hela perioden. Gästforskare kommer även erhålla Sukat-konto och e-mailadress. För att täcka institutionens kostnader för försäkring och Universitetets IT-avgifter kommer gästforskarens värd debiteras 1 000 kr/månad som en klumpsumma i förskott för hela perioden. Gästforskare inhyses i de lokaler som värden normalt disponerar.

Utländska medborgare som ska vara verksamma vid DBB mer än tre månader behöver ansöka om ett uppehållstillstånd för gästforskare. Oavsett affilieringens längd kan medborgare i vissa länder behöva ansöka om ett visum.

### Tillgång till DBBs lokaler för personal vid annan institution på Stockholms universitet.

Personal som är anställd vid eller finansierad av **annan institution vid Stockholms Universitet\*** kan beredas tillgång till DBBs lokaler under en bestämd tidsperiod, till exempel då ett nära samarbete med någon av DBBs forskargrupper föreligger.

För att få tillgång till DBBs lokaler skall den SU-anställde vara inbjuden av en gruppledare vid DBB som står som värd med direkt ansvar för projekt och handledning.

Då detta endast gäller SU-anställd personal kommer inte DBB särskilt förse med försäkring, e-mailkonto eller övriga IT-resurser.

Detta kan godkännas av Alex efter inlämnande av blankett nedan

\*Personal vid annat svenskt lärosäte kan också falla under dessa villkor efter godkännande av prefekt.

Namn: Heminstitution vid SU: Anställd som: e-mail vid SU: Värd, gruppledare vid DBB:

Tidsperiod:

Underskrift av värd vid DBB Datum:

Namn

## Info Kit Green Chemistry Commitment

#### What is the Green Chemistry Commitment?

The Green Chemistry Commitment (GCC) is a consortium program that unites the green chemistry community around shared goals and a common vision to:

- expand the community of green chemists
- grow departmental resources
- improve connections to industry and job opportunities in green chemistry
- affect systemic and lasting change in chemistry education



"The goal of Green Chemistry is for the term to disappear and it simply becomes how we practice chemistry." -John C. Warner

Co-author of "Green Chemistry: Theory and Practice" Co-Founder of Warner Babcock Institute for Green Chemistry

The GCC offers access to a broad and supportive community of chemistry experts and a flexible framework for green chemistry curriculum and training. With multiple pathways to the implementation of green chemistry education, the Green Chemistry Commitment sets a benchmark to track progress on specific learning and research objectives.

With the GCC, colleges and universities can band together to share resources and experiences to shift how and what the next generation of chemists learn. Students will enter the workforce armed with the necessary skills and knowledge to be leaders in making the principles of green chemistry standard practice in all branches of the chemical sciences.

#### Why the Green Chemistry Commitment?

During the last two decades, individual teachers, professors, and chemistry departments have introduced green chemistry concepts into lectures and lab activities, and many include green chemistry as the basis for academic research and outreach. The GCC seeks to build on the efforts of leaders in the field to systemically change chemistry education.

The GCC is helping to transform chemistry education in college and university chemistry departments who strive to:

- prepare world class chemists whose skills are well aligned with the needs of the planet and its inhabitants in the 21st century, and
- design and develop innovative, efficient, and environmentally sound solutions to the safety and effectiveness of chemical products and processes.



#### Who is part of the Green Chemistry Commitment?

Colleges and universities are signing the Green Chemistry Commitment for access to shared up-to-date resources, collaborative discussions, improved curriculum, and accountability to track progress on specific learning and research goals.

The Green Chemistry Commitment is shaped and led by an Advisory Board currently comprised of faculty members from chemistry departments across North America, representing large and small academic institutions, along with green chemistry professionals from government and industry.

The supporting organization for the Green Chemistry Commitment is Beyond Benign (www.beyondbenign. org), a non-profit organization with a mission to develop and disseminate resources that empower educators, students and the community to practice sustainability through green chemistry.

Beyond Benign envisions a world where the chemical building blocks of products used every day are healthy and safe for humans and the environment. Beyond Benign was co-founded by Dr. John Warner, a founder of the field of green chemistry and co-author of *Green Chemistry: Theory and Practice* and Dr. Amy Cannon, the world's first PhD in green chemistry.

#### **Current Advisory Board Members**

- · John Arnold, Professor, Dept. of Chemistry, University of California, Berkeley
- Ed Brush, Professor, Dept. of Chemistry, Bridgewater State University
- Rich Gurney, Associate Professor, Dept. of Chemistry and Physics, Simmons College
- Dalila Kovacs, Associate Professor, Dept. of Chemistry, Grand Valley State University
- Irv Levy, Professor and Chair, Dept. of Chemistry, Gordon College
- · Anne Marteel-Parrish, Creegan Chair in Green Chemistry, Dept. of Chemistry, Washington College
- Doug Raynie, Research Associate Professor, Dept. of Chemistry and Biochemistry, South Dakota State University
- Ryan Trovitch, Assistant Professor, Dept. of Chemistry & Biochemistry, Arizona State University
- Saskia VanBergen, Hazardous Waste and Toxics Reduction, WA State Department of Ecology
- John Warner, President and CTO, Warner Babcock Institute for Green Chemistry
- Wei Zhang, Associate Professor, Dept. of Chemistry, Director of the Center for Green Chemistry, University of Massachusetts Boston

#### **The Green Chemistry Student Learning Objectives**

Signing institutions agree that upon graduation, all chemistry majors should have proficiency in the following essential green chemistry competencies:

Theory: Have a working knowledge of the twelve principles of Green Chemistry

**Toxicology:** Have an understanding of the principles of toxicology, the molecular mechanisms of how chemicals affect human health and the environment, and the resources to identify and assess molecular hazards

Laboratory Skills: Possess the ability to assess chemical products and processes and design greener alternatives when appropriate

**Application:** Be prepared to serve society in their professional capacity as scientists and professionals through the articulation, evaluation and employment of methods and chemicals that are benign for human health and the environment

The Green Chemistry Student Learning Objectives can be carried out through a number of different formats including, but not limited to:

#### **Revision of existing departmental curriculum:**

- Embed green chemistry throughout chemistry courses
- Include green chemistry exercises throughout laboratory courses
- Incorporate green chemistry principles into research projects and programs
- Build toxicology and environmental health science modules into existing chemistry courses

#### Creation of new departmental curriculum:

- Develop new courses dedicated to green chemistry
- Design toxicology and environmental health science courses
- Develop a seminar series on green chemistry and/or toxicology

#### Utilization of other institutional or external resources:

- Encourage students to take elective courses in toxicology and/or environmental health sciences from other departments or institutions

#### What are you signing up for?

As a signer of the Green Chemistry Commitment, there are a number of opportunities for your department and faculty:

- A collective voice: The Commitment offers an opportunity for the field to unite around common student learning objectives, which will be reviewed on a periodic basis by the Commitment's Advisory Board. Through a collective voice, the Commitment's signing institutions can help to inspire other institutions to get involved with green chemistry and transform their own institutions. Together, signing institutions of the Commitment can also help to influence other initiatives that affect academia, such as funding agencies, degree program certifying institutions, and other governmental and non-governmental organizations.
- Tracking progress: The Commitment will help to track progress at your own institution, and progress of the community as a whole. Through simple, streamlined reports, departments will track past accomplishment and map out future goals. The accomplishments of participating institutions will be highlighted on the Green Chemistry Commitment website through illustrations and case studies.

- Shaping the Commitment: Signers of the Commitment will have an opportunity to serve on the Advisory Board of the Commitment. The Advisory Board is responsible for periodically reviewing the Green Chemistry Student Learning Objectives, reviewing annual reports, guiding resources for member benefits, and providing direction for outreach and advocacy.
- Collaborative Working Groups: The GCC will host collaborative discussions and working groups comprised of signing institutions and outside experts to advance green chemistry in higher education, including a Toxicology for Chemists working group focused on the integration of toxicology concepts into chemistry courses and programs.
- Member benefits: The GCC will gather and create resources for faculty, departments, students and administrators that will be useful for advocating for and implementing green chemistry. Most benefits will remain open to the public, including non-signing institutions. Some benefits may arise that are open to only signing institutions. These member benefits include grants for faculty professional development, grants for faculty and student conference participation, grants for student research, etc. As sponsorship funds become available for these benefits, they will be announced to members and applications will be open to the members of the signing institutions.

#### How to commit?

The Green Chemistry Commitment is a voluntary, flexible framework for chemistry departments to progressively adopt green chemistry theory and practice. Recognizing that each institution has different capabilities and resources, the Commitment strives to unite the field around Green Chemistry Student Learning Objectives, which can be integrated through a number of different pathways and timelines.

By signing the Green Chemistry Commitment, chemistry departments will agree to commit to incorporating the Green Chemistry Student Learning Objectives within their own departments. Each department will submit a streamlined annual report at the end of each academic year that will highlight past accomplishments and focus on future goals. Through the Green Chemistry Commitment, the progress of individual departments, as well as the field as a whole, will be tracked and reported to the community.

#### Sign Up!

Contact Natalie O'Neil, Higher Education Program Manager, Natalie\_ONeil@beyondbenign.org for questions and to submit the following forms:

- The chemistry department chair, along with one administrator must sign the Pledge Form
- Submit the **Contact Form** with your institution's primary contact person(s) information.
- An annual survey will be gathered electronically to gauge progress of the adoption of the green chemistry student learning objectives, learn about your work in green chemistry, and understand future goals.





Knut och Alice Wallenbergs Stiftelse



WALLENBERG CENTRES FOR MOLECULAR MEDICINE







GÖTEBORGS

UNIVERSITET

CHALMERS

SLU





UMEÅ UNIVERSITET









### Data-Driven Life Science (DDLS) program 2021-2032





DDLS is more than just:

- a bioinformatics program
- processing new data
- data FAIR-ness
- data science
- machine learning and AI

The focus is at the end on life science

DDLS





# DDLS - National collaborative program 2021-2023



- V International Fellows
- PhD positions
- Postdoc positions
- Industry postdocs
- Research school
- V Network activities
- V Data support
- V Databases
- V WABI
- V Collaboration with WASP
- V Management

## DDLS governance, organization and support functions



### DDLS governance, organization and support functions



# **SU-DDLS Working Group**

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- Lena Mäler, SciLifeLab Integration Director
- Christos Samakovlis, SciLifeLab Scientific Director
- Ylva Engström, ex-ID, DDLS Reference group
- Mats Nilsson ex-SD
- Tom Britton, AU, Mat/Fys
- Erik Lindahl, ON, DDLS Steering Board
- Tanja Slotte, DEEP, ex-ScilifeLab Fellow
- Jonathan Martin, ACES, SciLifeLab facility
- Fredrik Ronquist, NRM,
- Henrik Cederquist, Dekanus
- Katariina Kiviniemi Birgersson, DDLS Recruitment/Admin.

# **Recruitment DDLS international fellows**



- In total 39 recruitment packages
  - 20 during phase 1
  - 19 during phase 2
- Each package has a total budget of 17 MSEK (allocated for 5 years)
- Each package contains:
  - Salary for 5 years as " biträdande lektor"
  - 2 PhD positions
  - 2 postdoc positions
  - Operating costs
- SU-phase 1 (2021-2026): 2 Bitr. lekt in Cell & Molecular Biology
- SU-phase 2 (2024-2029): 1 Bitr. lekt in Cell & Molecular Biology + 1 in Evolution & Biodiversity

# Conditions for funding: DDLS Fellow recruitments in phase 1 (2021-2026)



- All positions need to conform with the KAW donation letter and match with one of the four subject areas.
- Recruitments should be as Biträdande lektor position (named as DDLS Fellow positions).
- Recruitment packages are funded for a maximum of 5 years with a fixed amount of 17 MSEK. This sum is not adjusted for the actual salaries that universities may offer. If there is a need for 6-year positions before tenure evaluation, the last year is for the university to fund. Long-term commitment of salaries of tenured group leaders is also the responsibility of the hosting university/department.
- The overhead that is typical to KAW funding have to be followed. SciLifeLab will not compensate for any overheads, the universities will need to co-fund this.

# Conditions for funding: DDLS Fellow recruitments in phase 1 (2021-2026) cont.



- SciLifeLab board will approve all position descriptions before advertisement. It is also
  important to describe the local research environment of each DDLS fellow.
- SciLifeLab will coordinate announcements at a national level. International announcements will be done jointly for all DDLS Fellow positions at all universities and NRM (e.g. in Science). In addition, universities and NRM are free to run their own advertisements, but these must link to the national advertisements.
- Timing is important to achieve synergy and to brand DDLS as a joint national program. First common announcement round is planned for June-August 2021, which means that the national and local priorities need be integrated during the spring of 2021.
- Universities/NRM and SciLifeLab will need to work together to ensure that the review of the candidates is done openly and in line with the national DDLS program objectives and according to the KAW donation letter. SciLifeLab will nominate one member to be included in the university recruitment committees to ensure

#### **DDLS Fellow recruitments phase 1** All first phase First DDLS Recruitments 20 Fellows fellow accept meeting offer recruited Feb 11 Jan 1 June 30 SciLifeLab Board SciLifeLab Board SciLifeLab Board SciLifeLab Board SciLifeLab Board Nov 11 Sept 22 May 19 Feb 3 2021 2022 March Sept Oct June Feb March April May Nov June Jan Jan Aug Evaluation and selections according to SOP at organization Recruitment process Approval of a SciLifeLab-nominated representative incl. specific conditions Universities set fellow profiles Approval of profiles Feb 8- May 3 Approval of candidate (s) **Coordinated International** Deadline applications announcement of positions

May 3, 2021 - Deadline for submission of organisations suggestions for the profiles of the candidates

# Time line for DDLS Fellow recruitment process



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Beginning of February	Detailed instructions incl. specific conditions for funding sent to universities to initiate recruitments
Feb 11, 2021	Information meeting about DDLS Fellow recruitment process Invited: University representatives, DDLS contact persons, DDLS steering group
May 3, 2021	Deadline for submission of University suggestions for the profiles of the candidates for acceptance by the SciLifeLab board. Send suggestions to <a 10.1141="" doi.org="" href="https://doi.org/doi.org/10.1041/10.1041-304-344-344-344-344-344-344-344-344-344&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;th&gt;May 19, 2021&lt;/th&gt;&lt;td&gt;SciLifeLab Board meeting – approval of profiles before advertisement&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;th&gt;June, 2021&lt;/th&gt;&lt;td&gt;SciLifeLab coordinated international announcement&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;th&gt;Aug, 2021&lt;/th&gt;&lt;td&gt;Deadline for DDLS Fellow applications&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;th&gt;Fall 2021&lt;/th&gt;&lt;td&gt;Evaluation and selections according to SOP at University, approval of a SciLifeLab-nominated representative (as stated below)&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;th&gt;&lt;/th&gt;&lt;td&gt;Submission of Universities' top candidates to SciLifeLab board for approval (send to &lt;a href=" https:="" journal.com"="">ddls@scilifelab.se</a> )
Fall 2021	SciLifeLab Board – approval of candidate (s)
March 1, 2022	First DDLS Fellow start
June 30, 2022	All first-phase 20 DDLS Fellows recruited

# Tidplan SU- väldigt tajt med tid !



### Vilka institutioner vill delta som möjlig värd för en DDLS Fellow?

• 23 feb: Preliminärt besked till Henrik, Lena & Katariina

Prefekter skriver profiler för gemensamma utlysningar, dvs Fellow kan välja värdinstitution. SU-DDLS arbetsgruppen som "bollplank".

- 8 mars: Profiler klara för utskick till AU
- 9 mars: SU-DDLS arbetsgrupp, diskuterar profilerna
- 16 mars: AU
- 25 mars: Sektionsberedningar
- 31 mars: ON, Slutligt besked vilka institutioner som vill vara möjlig värd för en DDLS Fellow, Profiler fastställs.
- 31 mars 28 april, putsning av annonser, beskrivning av forskningsmiljöer osv.
- 3 maj sista dag att skicka profiler till SciLifeLab
- Juni-Aug, utlysningar