Careers in the Higher Education Sector, Science Policy, and Education

Daniela Klammer
Advantages of higher education sector

• People understand the value of a PhD
• Your socialization as a scientist is useful
• You do not lose contact with research, while not having to do research yourself
• You contribute to scientific progress in an indirect way
• Universities et al are non-profit organizations
• Typically high job security for indefinite contracts
• Salaries ok, but not high
Drawbacks of higher education sector

• Narrow job sector
• Academic institutions can have hierarchical and traditional culture
• Salaries ok, but not high
If you like science and technology

• Staff scientists positions, permanent contract, not a PI
• Jobs in core facilities
  – Microscopy, nanofabrication, image analysis, etc.
• Jobs in scientific computing, data analysis
• Jobs in IT core infrastructure
  – Cluster management, HPC, etc.
Staff scientists

Jack Merrin & Ivan Pietro,
Nanofabrication Facility

Robert Hauschild & Christoph Sommer,
Bioimaging Facility

Walter Kaufmann,
Electron Microscopy Facility
Staff-Bioinformatician (f/m/d)
Max Planck Institute for Molecular Genetics (MPI-MG)

Berlin, Germany

Posted about 3 weeks ago Expires on June 26, 2020

The Max Planck Institute for Molecular Genetics is an international research institute with approx. 350 employees, working in the field of medical genomics. A special focus lies on genome analysis of man and other organisms.

The Department of Genome Regulation invites applications for the following open position:

h3 Staff-Bioinformatician (f/m/d)

(up to €13 according to the TVöD salary scale)

Code: 20-10

We are looking for skilled bioinformatician at the Master and/or at the Post-doctoral level. The position is offered initially for three years.

Responsibilities:

The successful candidate will work together with wetlab scientists and will be responsible for the processing and initial analyses of next generation sequencing data, as well as involved in investigating the epigenome, and the transcriptome of cells under various conditions. The tasks will include the setup and maintenance of processing pipelines, quality control and analysis of global epigenomic sequencing data, with an emphasis on DNA methylation, and integration/visualisation of multiple datasets.

Qualifications:

The candidate should have a strong background in statistics and computational biology, including experience in bash programming and common next generation sequencing tools as well as one or more of the following programming languages: C++, JAVA, Perl, Python.

Knowledge of R programming language is required, as well as basic understanding in molecular genomics. The candidate should be strongly motivated, team-oriented, and have excellent communication skills.

The Max Planck Society is committed to employing more handicapped individuals and especially encourages them to apply. The Max Planck Society seeks to increase the number of women in those areas where they are underrepresented and therefore explicitly encourages women to apply.
We are Austria's largest research and technology organization and an international player in applied research for innovative infrastructure solutions. This makes us a powerful development partner for industry and a top employer in the scientific community. Our Center for Vision, Automation & Control is seeking to hire new Ingenious Partner for our location in Vienna:

**Senior Scientist (m/f/d) Computational Imaging**
**Vision, Automation & Control**

- You combine the world's fastest line scan camera with innovative, high-performance image processing methods and explore the latest methods of machine vision for applications in industrial automation.
- Your innovative ideas and solutions from the Computational Imaging and Machine Learning area support the production industry on its way to digitization.
- With your interdisciplinary team and your innovative inspection and digitization solutions, you will change the production processes of the future.

**ENGAGE**
- You lead and design national and European research projects in the field of optical quality control and process control.
- You evaluate new professional technology trends, you actively participate in the formulation strategy of our research field "High-Performance Vision" and in its implementation at the operational level.
- You successfully acquire exciting research and customer projects and convince project partners of our solutions.
- You motivate, lead and develop an interdisciplinary team of researchers in the fields of optics, electronics, embedded computing and computer vision.

**ACHIEVE**
- Your publication activities in scientific journals, presentations at conferences as well as your professional network will significantly contribute to the international reputation of the team.
- Your innovative results will be highly appreciated by the scientific community and industries and will be successfully proven in practice.
- You are a competent contact person for our customers and based on their requirements you can develop technical and scientific concepts.
- You share your knowledge with your colleagues and you are offering students your guidance.
PhDs in SSUs

Juan Luis Aguilera Servin
Cleanroom Technology/Process Engineer, NFF

Ekatharina Papusheva
Former Unit Head Bioimaging

Matthias Nowak
Unit Head Life Science Facility

Gabby Krens
Unit Head Bioimaging Facility

Doreen Milius
Advanced Microscopy Expert
Scientific Computing

Janos Kiss  Stefano Elefante  Alois Schlögl
Research Assistant (f/m), Computer Science, Mathematics, Computational Science, Physics

Advertising Institute: JSC - Jülich Supercomputing Centre
Reference number: 2016-214

The Jülich Supercomputing Centre (JSC) operates one of the most powerful supercomputing infrastructures in Europe and makes it available to researchers at Forschungszentrum Jülich in Germany and throughout Europe. In the JSC's "High Performance Computing in Neuroscience" division, the future High Performance Analytics and Computing Platform is being developed as part of the Human Brain Project. One focus is on the use of hierarchical memory architectures.

We are looking to recruit a

Research Assistant (f/m), Computer Science, Mathematics, Computational Science, Physics

Your Job:
- Analysis of relevant current and future applications of brain research and documentation of their requirements
- Development of software for the efficient use of hierarchical mass storage systems or evaluation of existing solutions
- Evaluation of the developed solutions with regard to their usability and performance

Your Profile:
- A university degree in one of the above-mentioned disciplines
- Good knowledge in computer architectures
- Experience in programming in C or C++ as well as in the use of script languages common in the Unix environment
- Experience in the parallelization of applications is of advantage.
- Ideally, you have specialist knowledge in performance analysis or I/O architectures.

Other important prerequisites are proactivity and the ability to cooperate in an interdisciplinary, international environment.

Our Offer:
- A diverse range of activities in an interdisciplinary, international research group and a friendly work environment.
- Excellent research and computing infrastructure of one of the largest research centres in Europe
- Employment initially fixed-term until 31.03.2018 but with possible longer-term prospects
- Full-time position with the option of slightly reduced working hours
- Salary and social benefits in conformity with the provisions of the Collective Agreement for the Civil Service (TVöD)
Bioinformatician

Location: EMBL-EBI, Hinxton near Cambridge, UK

Staff Category: Staff Member

Contract Duration: 3 years

Grading: 5 (monthly salary starting at £2,832 after tax).

Closing Date: 9 October 2018

Reference Number: EBI01273

We are seeking to recruit a Bioinformatician to join the Protein function development team at the EMBL-European Bioinformatics Institute (EBI) located on the Wellcome Genome Campus near Cambridge in the UK. This team is responsible for major international protein sequence resources including the Universal Protein resource (UniProt).

The EBI is a world-leading bioinformatics centre providing biological data to the scientific community, with expertise in data storage, analysis and representation. The Universal Protein Resource (UniProt) provides a central resource on protein information and a solid set of services and computational analysis of protein data. UniProt is produced by the UniProt Consortium – a collaboration between the EBI, the Protein Information Resource (PIR) and the Swiss Institute of Bioinformatics (SIB).

Your role

The post holder will be working specifically within data production group that is responsible for scheduling, producing and release UniProt data monthly. This is a dynamic, challenging environment, provides an excellent opportunity to handle and organise large-scale complex biological data, observe emerging trends and methods from forefront and be part of working within an international environment.
Senior Scientist, Research Technologies Branch

The National Institute of Allergy and Infectious Diseases (NIAID), a major research component of the National Institutes of Health (NIH) and Department of Health and Human Services (HHS), is recruiting a senior scientist in the Research Technologies Branch (RTB) for the Division of Intramural Research (DIR).

We are seeking an outstanding individual with exceptional managerial skills and a forward-thinking mindset to serve as DIR Associate Director for Research Technologies and Chief of the RTB. The selected candidate will oversee a staff of over 60 scientists, most with advanced degrees, and several large, complex programs located on NIAID’s campuses in Bethesda and Rockville, MD, and in Hamilton, MT. These research groups are focused on developing project-specific applications using state-of-the-art technologies, providing technology consultation, evaluating new technology and applications, and supporting DIR investigators’ bioinformatics needs. The incumbent will benefit from unique opportunities to collaborate with other members of DIR who perform research on immunology, allergy, and infectious diseases.

RTB houses a wide variety of research technologies, including light and electron microscopy, structural biology, protein chemistry, flow cytometry, genomics, relevant bioinformatics support, and medical arts/scientific communications. Applicants should have an M.D., Ph.D., or equivalent doctoral degree in a relevant field. The ideal candidate should have expertise in overseeing a research program, which includes use of state-of-the-art contemporary approaches, strategies, and techniques involved in both basic and clinical laboratory research.

Candidates will be assigned resources including laboratory support personnel, equipment, space, and an allocated annual budget for services, supplies, and salaries sufficient to foster success. Additional information about RTB is available online.

Salary is commensurate with experience and accomplishments. A full civil-service package of benefits (including retirement; health, life, and long-term care Insurance; Thrift Savings Plan) is available.

To Apply


Please include in your curriculum vitae a description of mentoring and outreach activities in which you have been involved, especially those involving women and persons from other groups underrepresented in biomedical research.

For additional information specifically about the position, please contact Dr. Sarah Cavanaugh, DIR Program Support Staff, at sarah.cavanaugh@nih.gov. For additional information specifically about how to apply, email Richard Woods, at woodst@mail.nih.gov.

Visit NIAID Careers for more information about NIAID and additional career opportunities.

HHS, NIH, and NIAID are equal opportunity employers. NIH is dedicated to building a diverse community in its training and employment programs.
Materials Staff Scientist

Bay Area, California, United States

What You Will Do:

- The development of experimental cryo-EM platforms for obtaining data at the atomic level from both organic and inorganic solids.
- Advancement of sample-preparation, imaging modalities, and data collection in modern cryogenic electron microscopes.
- Participation in the development of novel sample environments for high resolution imaging at extremely low temperatures such as 1-10K.
- Research into fundamental understanding of both materials science and the interactions between electrons and materials that enables the development of new high resolution cryo-EM approaches. The staff member will have a primary responsibility to contribute to the “Soft Matter Electron Microscopy” program, devoted to the application of cryo-EM to the study of synthetic soft materials, while also contributing to lab-wide efforts related to the development of new cryo-EM methods that can be applied more generally to studies of a wide variety of materials in the low temperature limit. Participating in on-going team-oriented research at the lab, and developing new research directions and teams to address important scientific challenges.

Additional Responsibilities as needed:

- Creating specimens from a variety of beam sensitive materials that enable atomic-scale imaging by cryogenic electron microscopy.
- Developing methodologies and approaches to enable the high resolution image collection from beam-sensitive materials.
- Developing image processing techniques of cryogenic electron microscopy to advance the 2-D and 3-D atomic-scale imaging of synthetic soft materials.
- Utilizing the application of existing image analysis software and developing custom algorithms and scripts when existing software fails.
- Publishing research achievements in peer-reviewed journals and presentations at professional conferences; contributing to scientific research papers and patents.
- Leading independent research programs related to cryogenic electron microscopy imaging; participating as principal investigator and co-principal investigator in new research proposals.
- Demonstrate commitment to diverse and inclusive culture, including recruitment of a diverse and talented workforce.
- Supervising, mentoring and training the postdoctoral researchers, graduates students and undergraduate students in the research programs.

What is Required:

- Ph.D. or equivalent in polymer science, materials science, biological science or a related field, and proven track record in cryogenic electron microscopy.
- Fundamental understanding of electron optics in cryogenic electron microscopy and the algorithms for image processing.
- Demonstrated expertise in computational methods for image analysis and sample preparation methods for cryogenic electron microscopy.
- Strong publication record in relevant areas.
- A broad understanding of materials science.
- Excellent oral and written communication skills.
- Ability to mentor early career researchers.
- Demonstrated ability and experience in working effectively in a multidisciplinary scientific research community and collaborating with a variety of researchers in different fields with diverse scientific background.
- Experience with data collection and image processing in electron crystallography, single particles analysis, and tomography.
- Experience with development of new image processing algorithms.
- Experience with the operation of state-of-the-art cryogenic electron microscopes and sample preparation techniques such as cryogenic microtome and cryogenic focused ion beam milling.

Notes:

- This is a full time one year, career-track term appointment that may be renewed to a maximum of four years and that may be converted to career based upon satisfactory job performance, continuing availability of funds, and ongoing department needs.
- Full-time, M-F exempt (monthly paid) from overtime pay.
- This position may be subject to a background check. Any convictions will be evaluated to determine if they directly relate to the responsibilities and requirements of the position. Having a conviction history will not automatically disqualify an applicant from being considered for employment.
- Diversity, equity, and inclusion are core values at Berkeley Lab. Our excellence can only be fully realized by faculty, students, and staff who share our commitment to these values. Successful candidates for our faculty positions will demonstrate evidence of a commitment to advancing equity and inclusion.
- Work will be primarily performed at: Lawrence Berkeley National Lab, 1 Cyclotron Road, Berkeley, CA.
We are expanding and therefore we are looking for an
Manager of the Bioimaging and Optics Core Facility (f/m)
to support our scientists.

Your responsibilities:
- Set-up of a facility equipped with excellent optical microscopes and image analysis tools
- Management of the facility (personnel, equipment, organization, maintenance)
- Providing training and advice to users
- Evaluation of new technologies of potential interest for the facility
- Evaluation of potential novel imaging technologies in collaboration with research groups
- Organization of practicals for graduate courses

Our Requirements:
- PhD in natural/life sciences or engineering related to optical imaging
- Excellent knowledge and experience in optical microscopy and image analysis
- Excellent managerial and administrative skills
- Good communication skills in English

We offer:
- A multifaceted position in a challenging international environment
- Competitive salary including generous social benefits and opportunities for further education and training

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Senior Scientist/Group Leader - Plant Bioinformatics

Advertising Institute: IBG-2 - Plant Sciences
Reference number: 2016-216

The Institute of Bio- and Geosciences – Institute: Plant Science (IBG - 2) focuses on the dynamics of plant processes and their interaction with dynamic changes in the environment. The IBG-2 has a leading role both nationally and internationally in the quantitative and non-invasive detection of structural and functional properties of plants.

Within the IBG-2 the bioinformatics group focuses on the establishment of database resources for omics and phenotyping data, machine learning and the analysis of high throughput data.

In order to further improve these resources we are looking to recruit a

Senior Scientist/Group Leader - Plant Bioinformatics

Your Job:
- (co)leading a team and interaction with experimental plant scientists
- Improvement of plant functional annotations and databases
- Integration of omics, breeding and phenotyping high throughput data and embedding this into the German network for bioinformatics
- Application of machine learning and/or network approaches to the analysis of plant omics data
- Publications in international journals and travel to international conferences
- Acquisition of third party funded projects
- Co-supervision of PhD candidates and students
- Participation and Organization of workshop
- Communication to our partners in research and companies
If you like management/organization/processes

• Program coordinators (undergraduate programs, doctoral programs, networks, funding programs,...)
• Quality assurance and evaluation coordinators
• Coordination of boards, appointment committees,...
• Project management (large EU projects, ...)
If you like management/organization/processes

Verena Seiboth  
Faculty Recruiting, Ethics Officer  
PhD 2002 TU Wien, Chemistry

Hania Köver  
Head of the Graduate School Office  
PhD 2011 UC Berkeley  
Neuroscience

Birgitta Olofsson  
Curriculum Development  
Grad School Office  
PhD Biology

Inma Sanchez Romero  
Project manager U Vienna, alumna Janovjak group  
PhD 2012, Chemistry
Faculty Communications Manager

King’s Faculty of Social Science & Public Policy
King’s College London
Ref. 004723

Grade 6, £37,412 - £44,015 inclusive of £3,223 London Weighting Allowance.

This post will be permanent.
This is a full-time post - 100% full time equivalent.

The Faculty of Social Science & Public Policy is one of the largest UK universities committed to excellence in research and education. We have world-leading expertise across the social sciences: from political economy to security studies; from international development and geography to global health, education and communication.

Following an internal promotion, we wish to appoint an experienced, motivated and high-calibre candidate to the position of Faculty Communications Manager.

In this exciting opportunity to further develop your communications career, you will focus on the implementation of the Faculty's communications strategy, giving strategic direction to its identity and coherence across its constituent Schools, as well as promoting research, events and activities taking place within the Faculty, helping to raise the Faculty's profile and acting as the 'voice' of the Faculty when dealing with high profile matters. You will work closely with and have shared oversight of the School Communications Officers, as well as having line management responsibility for the Programming Manager of our Exchange Space, and collaborating closely with colleagues in the External Relations Directorate.
Grow with us. Support excellent research.

IST Austria is a constantly growing international institute for conducting frontier research in the natural and mathematical sciences, located in Klosterneuburg on the outskirts of Vienna. As employees of the administration and the Scientific Service Units, we strive to support IST Austria’s scientists in performing excellent research.

Head of Graduate School Office (f/m)

The Graduate School Office is a core administrative unit that deals with the organization of student life at IST Austria. It promotes excellence in graduate education and is responsible for student admissions and PhD program administration. Are you interested in how your future working place may look like? This video provides a bird’s eye view of IST Austria.

Responsibilities

- Responsibility for the ongoing operations of our Graduate School
  - Administration of the full student life cycle (from application to graduation) & coordination of our PhD program
- Leading and developing a team of 5 specialists and budget responsibility for the Graduate School Office
- Further development and optimization of processes within the Graduate School Office to support the increasing number of students
- Oversight of the further development and management of our student life cycle and application software
- Interface to and support of the Dean in the further development of the Graduate School and its curriculum
- Preparing reports on the Graduate School activities for Management, Board and external partners
- Further establish an active network with universities and other institutions

Requirements

- Academic degree (MSc or higher) and several years of work experience in academic administration
- Experience in process optimization and streamlining procedures
- Strong leadership experience in an international environment
- Strong organizational skills and proactive attitude
- Excellent written and interpersonal communication skills in English

IST Austria

- Offers challenging positions in a dynamic and growing organization
- Supports learning and development
- Provides flexible working times and numerous fringe benefits
- Promotes an international and open culture
- Supports an appreciative and respectful work environment
- Values diversity and is committed to equality
- Free Shuttlebus for employees (Departing from Helligenstein, travel time: about 22 min.) and free parking places

To apply for this position send your application by e-mail to:

recruiting@ist.ac.at
Science Manager in Life Science

Kennziffer: 10746
Abteilung / Forschungsgruppe: Programm-Management BIMSB
Bezeichnung: 1 Science Manager in Life Science

The Max Delbrück Center for Molecular Medicine (MDC) is a member of the Helmholtz Association of National Research Centers, supported by the Federal Government of Germany and the Senate of Berlin. It is dedicated to interdisciplinary biomedical research with the aim to translate basic research findings into clinical applications. MDC researchers collaborate with Berlin based research and medical institutions as well as leading international partner institutions. The Berlin Institute for Medical Systems Biology (BIMSB) is a young new program at the MDC, where researchers specifically focus on gene regulatory mechanisms, supported by omics-technologies, computational methodologies and interdisciplinary interaction. The program will increase in size of currently 14 to 25 research groups, including platforms, and it will move in 2018 to a new research building in the center of Berlin.

You will be in charge of strategic and organizational tasks for BIMSB, supporting the scientific director, Nikolaus Rajewsky, and preparing decision processes as well as the expected move to the new building. Your responsibility would be to organize various activities of the scientific program, recruitment and interactions with local, national and international academic partners. Furthermore, you are responsible for internal and external communication, as well as for third party grants and fundraising. You will deliver reports on BIMSB activities for the MDC reporting and to funders. The position is the key position at the interface between the scientific program and the MDC's administration.

- applicants should have a PhD in life sciences
- professional experience in science management and/or science communication
- excellent organizational, analytical and communication skills
- professional command of spoken and written German and English
- profound knowledge of major national and international funding instruments and
Prospect Research Manager

Salary: £35,000 - £37,750 per annum inclusive of London Weighting + excellent benefits

Contract length: Permanent

Location: Angel, London

Are you an experienced prospect researcher? At Cancer Research UK, we need your drive and expertise to help us move to the next level of major philanthropy and principal giving.

As we enter our most ambitious high-value campaign to date, we have a fantastic new opportunity for a Prospect Research Manager to join our high-performing Fundraising Intelligence team. You will be responsible for providing intelligence that enables Cancer Research UK to maximise the potential of high value donors through our prospect expertise, research, collaborative approach and data-driven insights.

This role sits within our Major Philanthropy team which is focused on maximising the potential of high value donations (donations £250,000 and above). You will be leading a small team of researchers and working closely with a great group of experienced fundraisers, developing and driving strategies for prospect identification and pipeline management.

As part of our ambitious campaign, you will spot opportunities for collaboration across our Philanthropy & Partnerships Directorate - helping make evidence-based decisions and informing effective fundraising.

We want you to...

- Use your strategic skills to drive prospect research for our respective income streams
- Develop sustainable strategies for prospect identification to enable us to meet financial targets
- With support from a team, deliver prospect management and high-quality research briefings
- Keep abreast of market trends and deliver market research pieces to
Research Manager/Scientific Manager
Helmholtz Zentrum München · Oberschleißheim, DE

Job Description
- To have strategic oversight and delegated responsibility for the operational management of the institute
- To have responsibility for the delivery of a seamless administrative service to the Institute Director, ensuring a coordinated and streamlined provision that supports the delivery of the aims and objectives of the institute
- To line manage the personal assistant, providing direction and supervision to ensure that all processes are managed effectively and efficiently
- Have an in-depth understanding of the strategy, operations and finances of the institute to support the implementation of the programmes objectives and deliverables
- To assist the Institute Director and team leaders in the delivery of their scientific programmes and leadership responsibilities
- To assist in the planning and coordination of the institute activities to ensure that all areas of the project are running smoothly by providing proactive, high quality and effective executive support as well as providing high quality organisational and scientific support

Your Qualifications
- University degree (Master, Diplom) in natural sciences, engineering or business studies
- A PhD title and additional business education/experience is a plus
- Outstanding leadership skills, work ethics and intrinsic motivation
- Impeccable judgment and high personal/professional integrity
- Excellent science development and science management acumen
- Team player who thrives within multi-disciplinary teams
- Great networking ability and communication skill
- Experience rapidly changing and challenging environments
- Fluent in spoken and written English
- Strong self-management skills
Curriculum vitae

DR. KIRSTEN SCHÄFER
UNIVERSITY OF COLOGNE

EXPERIENCE

Since 11/15
Strategy and academic affairs - Director, University of Cologne
Establishing a new department with four divisions (academic affairs, university planning, strategic controlling, and evaluations)

04/13 - 03/16
Coordinator for the Institutional Strategy „The Challenge of Change and Complexity“, University of Cologne
Implementation of the Institutional Strategy’s seven measures, reporting, installing committees, interim manager of a personal development division

03/08 - 03/13
Assistant to the board of Cluster of Excellence „Future Ocean“, Kiel University / GEOMAR Helmholtz Center for Marine Sciences
Committee organization, reporting and strategic planning, teaching, coaching, lecturing, capacity building

10/04 - 02/08
Scientific Secretary of DFG Senate commission on oceanography
Responsible for the application and assessment procedures, as well as cruise planning for two research vessels

10/01 - 09/04
Assistant to the director of the Alfred Wegener-Institute for Polar and Marine Research & Coordinator of the Russian-German Masterprogramme POMOR (Bremervörde / St. Petersburg)

08/99 - 09/01
Manager of the Russian-German research project „System Laptev-See 2000“ (federal funding) at GEOMAR Research Center

06/96 - 07/99
PhD Student Kiel University / „Zur Ökologie des Phytoplanktons im arktischen Laptevmeer – ein saisonaler Vergleich” (marine biology in the Russian Arctic)

EDUCATION

10/05 - 08/07
Kiel University / University of California San Diego: Executive MBA

10/91 - 07/96
Göttingen University: Diploma in Biology

2011
Coach, BBH-Beratergruppe, Osnabrück University

2003
Mediator, Lüneburg University

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Job Offer

Coordinator (f/m)

Job offer from November 10, 2016

The new founded International Max Planck Research School for Genome Science, a joint initiative of the University of Göttingen and the Max Planck Society, is looking for a

Coordinator (f/m)
(Code Number 38-16)

The new doctoral program is a collaboration between four faculties of the University of Göttingen and three Max Planck Institutes. A coordination office is to be established at the Max Planck Institute for Biophysical Chemistry.

The coordinator will be responsible for the support and administration of the doctoral program, among others the organization of classes, the correspondence and contact maintenance with applicants, PhD students, professors, partner organizations and other graduate schools. The successful candidate should have great organizational skills, the ability to work in a team as well as strong interpersonal communication skills and interest in developing concepts for a structured doctoral training. The candidate must be fluent in spoken and written English, have experience in project management and modern media as well as a university degree. An insight into the modern, systemic life sciences would be advantageous.

The full-time position is available from 01.01.2017 and initially limited to three years. Subject to a positive evaluation of the program an extension of the position is intended. The payment and benefits are based on the German TVöD guidelines.

The Max Planck Society is committed to increasing the number of individuals with disabilities in its workforce and therefore encourages applications from such qualified individuals.

Furthermore, the Max Planck Society seeks to increase the number of women in those areas where they are underrepresented and therefore explicitly encourages women to apply.

Please submit your application including cover letter and CV via e-mail (as one single PDF file) in relation to the code number until 30.11.2016 to

ausschreibung38-16@mplbpc.mpg.de

Max Planck Institute for Biophysical Chemistry
Department of Molecular Biology
Prof. Dr. Patrick Cramer / Code Number 38-16
Am Faßberg 11, 37077 Göttingen
Tel.: +49 (0)551 201-2800
E-mail: office.cramer@mplbpc.mpg.de
http://www.mplbpc.mpg.de/de/cramer
If you like people and communicating

• Public relations, media relations, social media
• Alumni relations, fundraising
• Career centers
• Public outreach
EMBL supports various outreach initiatives that are strengthened by the active involvement of the EMBL scientific community and directed at the wider scientific community, journalists, students, teachers, and the general public. Established in 1998, the principal aim of the Science and Society activity at EMBL is to promote a better-informed public understanding of the societal and ethical implications that research in the life sciences can have. At the same time we seek to engage life scientists in reflecting on, and recognising responsibility for, the ever-increasing impact the life sciences have on life in society. The programme consists of a variety of activities and events where members of our scientific community, scholars from other disciplines and members of the public meet to engage in a dialogue.

Your role:

You will be reporting to the Director General of EMBL and be responsible for maintaining, and further developing, the Science & Society programme at EMBL. The main current responsibilities include:

— Plan and organize annual Science and Society conferences open to the public at EMBL in Heidelberg. This entails having the capacity to identify, track and analyze key ethical, legal, and social issues of special importance and interest for the life sciences and the public(s) that support them in the EMBL member states. It also involves developing the multi-disciplinary programme of the meeting, identifying and inviting speakers who can communicate with a diverse audience, etc.

— Work with an internal EMBL-wide committee to run a multi-disciplinary seminar series (The EMBL Forum). These special seminars at EMBL aim to communicate the complex nature of the relationships that link the life sciences and society to diverse audiences.

— Forge strong collaborative relationships with other research organizations in the Heidelberg area (The Heidelberg Forum – Biosciences and Society) in Europe, and overseas, in order to promote public understanding and fruitful integration of the life sciences in Europe. Represent the EMBL at international conferences where Science and Society issues are presented and debated.

— Help maintain an on-going interest in Science and Society issues at the EMBL outstations, and provide staff and students there with advice and support for the organization of related events.

— Provide an Introduction to ‘social issues in science’ as a part of the EMBL International PhD course.

— Serve as a member of EMBL Bioethics Internal Advisory Committee. This implies providing on an ad hoc basis an assessment of internal research projects that are submitted for special ethical oversight. And, importantly, keep the Director General apprised of emerging issues in ethics, law, and policy.
Communications Manager EU-PolarNet

Alfred Wegener Institute Helmholtz centre for polar and marine research - Bremerhaven, DE

The Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research (AWI) is a member of the Helmholtz Association (HGF) and funded by federal and state government. AWI focuses on polar and marine research in a variety of disciplines such as biology, oceanography, geology, geochemistry and geophysics thus allowing multidisciplinary approaches to scientific goals.

The staff of the unit "International Cooperation", located in Bremerhaven, is looking for an employee who will support the AWI-based coordination of the EU project EU-PolarNet "Connecting Science and Society" and who will take over the responsibility for the communication and outreach of the project, and invites applications for a

Communications Manager EU-PolarNet

Background

The staff of the unit "International Cooperation" serves the international cooperation of the AWI and supports the initiation of new international collaborations and projects. In addition, the staff represents the institute as coordinator/partner in European and international projects dealing with research coordination or infrastructure development within the EU. This includes the projects EU-PolarNet, ARICE, EUAPA, SIOS and EUROFLEETS+.

Tasks:

- Maintain the external and internal EU-PolarNet website.
- Present the project in social media, regularly publish the EU-PolarNet newsletter.
- Develop press releases and cooperate with national and international journalists.
- Process and present scientific themes for a non-scientific audience.
- Support the EU-PolarNet coordinator in the execution of the project by organizing workshops or town hall meetings including their preparation in form and content and the follow-up after the workshop, write minutes in English, and interact regularly with the project partners.
- Work with stakeholders, develop stakeholder consultations or workshops, interpret and present the results.

Requirements:

- Master's degree in international project management or a university degree in a field of study relevant to the AWI.
- Proven experience in communication and outreach, especially in social media communication and content management (Typo3).
- Knowledge in international, intercultural, and interdisciplinary communication.
- Experience in working with stakeholders from politics, business and society, especially the Arctic population, is a decisive advantage.
- Develop press releases and cooperate with national and international journalists.
- Good knowledge in managing international projects, preferably EU projects is expected.
- In addition, a strong ability to think strategically combined with the ability to communicate and cooperate, security in dealing with international partners, persuasiveness and very good written and spoken English are expected. The position includes a significant amount of international business travel.

For further information please contact Dr. Nicole Blebow (click apply, click apply).
If you like writing

• Science writing
• Grant writing
• HE/research administration (strategy papers, memos,...)
• Science journalism
If you like writing

Sophie Fessl, science writer, PhD 2011, King’s College London

Michèle Weber, science communicator at Luxembourg National Research Fund IST alumna, Sixt group

Yvonne Kemper, science writer, PhD 2013, UC Davis

Elisabeth Guggenberger, media relations PhD 2014, U Vienna

Niall O’Brien
Grant Office, Pre-Award
PhD 2011 University College Dublin, Biology
If you like reading science

• Journal editor
• Media relations

Christine Mieck, Associate Editor,
SpringerNature
IST alumna, Loose group
## Job Title: Multimedia Editor

**Location:** London

**Closing Date:** 21st October 2018

Nature Research, a division of Springer Nature, is looking to recruit a Multimedia Editor to join its global multimedia team. This position is based in London.

The global multimedia team is responsible for creating podcasts and videos for *Nature*, other *Nature* branded journals, and *Scientific American*. The Multimedia Editor will identify and report on scientific news stories for the award-winning *Nature Podcast*, produce other editorial audio content, and produce video content for *Scientific American*. The role requires involvement in every stage of the editorial and publishing process, working closely with a team of science reporters and editors.

### Key tasks and responsibilities

- Audio reporting, presenting and editing
- Script writing and editing
- Audio recording/producing, on location and in the studio
- Video editing
- Studio/equipment management
- Stock audio/image/footage research
- Publishing management, i.e. podcast or video uploading and compression/formatting, metadata, copyright and rights management

The successful candidate must have a bachelor's degree in science or journalism and be an enthusiastic self-starter, capable of working independently, but also collaboratively with a number of different teams. You should have a good on-air personality and proven experience in audio and video production. A keen eye for a story and a passion for embracing the tools of the Internet for telling stories is essential. Please provide three audio and/or video samples.

To apply for the position, please submit your CV, cover letter and salary expectations.

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<td>London (Greater)</td>
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<td>Salary</td>
<td>Competitive salary + excellent benefits package</td>
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<td>Industry</td>
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If you like to enable and support others

- Teaching/mentoring, working with students
- Trainer for grant writing, soft skills, leadership,...
- Career counseling
- Research administration
- Dual career support, ombudspersons, ...

Hilde Janssens
Gender & Diversity Expert
Trainer since 2010, in academia for 20 years
PhD 1999 in Cell Biology & Developmental Genetics
The big picture at a systems level

• If you like the big picture of the research and higher education landscape
  – Funding agencies
  – Ministries and governmental organizations
    (e.g. German Council of Science and Humanities)
  – Science policy: Science Europe, AAAS, British Council
  – Policy making for research ethics, climate change, clean energy, biotechnology, agriculture and food, open science,...
The big picture at a systems level

Nicole Föger
Austrian Agency for Research Integrity
Head of Office
PhD 2003 Molecular Biology

Ana Almansa
Austrian Research Promotion Agency (FFG)
PhD Physics

Geoff Clarke
Senior Science Officer - IIASA
PhD 1984 Genetics
Calling for a systemic change: Towards a EU science diplomacy for addressing global challenges

We have witnessed how COVID-19 has brought to the limit health, social, economic, and labour systems and provoked huge turbulences in multilateral relations. In parallel, science and its ability to inform policies for better response has become a crucial dimension ...
Job Opportunities for Research Fellows at the European Commission

Call for expressions of interest: Researchers – Contractual Agents - Function Group IV

Do you want EU policies and laws to be informed by the best scientific evidence available? Do you have a strong background in research? Are you ready to apply your scientific expertise to support EU policies? Take the opportunity and apply for Research Fellow temporary positions at the European Commission’s science and knowledge service, the Joint Research Centre.

The Joint Research Centre (JRC) is the European Commission’s department responsible for creating and managing much of the knowledge used to support the European Commission’s policies. Operating in Belgium, Germany, Italy, Spain and the Netherlands, with 2000 researchers, the JRC is currently seeking research fellows with sound scientific research experience and a desire to work at the interface of science, knowledge and policy, in the following fields:

Biology, Chemistry, Natural Sciences, Life Sciences, Biochemistry, Oceanography

/ Marine Sciences, Nanotechnology, Nanobiotechnology, Veterinary, Engineering, Mathematics, Physics, Computer Sciences, Statistics, Material Sciences, Economics, Political Sciences, Social Sciences, Educational Sciences, Psychology, Geography, Environmental Sciences, Agricultural Sciences, Agricultural Engineering, Meteorology, Ecology, Forestry, Geology, Hydrological Sciences, Medical Sciences, Pharmacy, Nutritional Sciences.

In return you can expect to apply your scientific work to policy questions, to be part of a stimulating multi-cultural environment and receive a competitive remuneration package. The JRC supports a diverse, inclusive and flexible working environment.
The Center aims to build bridges between communities, societies, and nations through closer interactions between science and diplomacy and elevate the role of science in foreign policy to address national and global challenges.
Science Portfolio Adviser

Science Portfolio Adviser
Wellcome’s funding has supported the development of cutting edge new technologies to understand the brain, provided insight into neural complexity from ion channels to brain networks, delivered new theoretical insights, and stimulated the development of new therapies to improve mental health.

We are looking for an outstanding individual with a emphasis on computational methods, cutting edge imaging, neurotechnology or molecular neuroscience approaches to work with the team of scientists who support and develop funding initiatives in NMH.

Additional info

To succeed in this role, you will:

- Keep abreast of relevant developments in Neuroscience and Mental Health to ensure our work remains relevant and timely.
- Keep abreast of developments in the funding and policy landscape.
- Contributing to the assessment, development and implementation of strategies and project management plans for new partnerships or activities.
- Contribute to the evaluation of funding activities through an in depth understanding of individual projects and how they are situated within the broader field.
- Developing and maintaining relationships with relevant external communities, including existing and potential Wellcome Trust grant holders; providing and soliciting scientific advice as required.

Please see full job description
TMG is implementing a research project on Ecosystem-based Adaptation (EBA) in Guatemala and India. The project aims to identify scalable approaches to EBA and to influence the structural conditions that make up-scaling possible. This project’s Theory of Change foresees creating incentives for policy change by linking national level policy processes to the global processes on implementing the SDGs and the Paris Agreement. It further foresees to inform policy processes through locally-led research processes on workable EBA measures. At the local level, we will work to empower the intended beneficiaries of EBA to become active agents in these research processes. To make these goals come about, the project seeks broad alliances with other land related initiatives to create the necessary leverage for EBA.

The Position:
TMG Research gGmbH is currently seeking applications for a

Project coordinator [m/f/d]

Under the supervision of the Head of Programmes, the incumbent would be expected to:

- design the work programme of an applied, transdisciplinary research project on Ecosystem-based Adaptation in cooperation with a range of different stakeholders;
- develop, coordinate, and supervise the implementation of the work programme of the project team and ensure effective project management. This involves supervising a team of two researchers and liaising with project partners in Guatemala and India;
- support the Head of Programmes in further developing the strategic approach of the project and ensure cross-fertilization between the different land related projects of TMG Research;
- as a member of TMG Research’s Management Team, contribute to the further strategic and scientific development of TMG Research.

What we offer:

- The opportunity to work in a high-profile, international research project;
- The opportunity to work in an organization that strives to make “Science with Society” a reality;
- Excellent contacts to a range of national and international political and research organizations;
- A dynamic working environment in a recently founded start-up that invites contributions to the further development of its profile and further development;
- The position will be remunerated in accordance with the German salary group TVöD 14.

Requirements:

- Master’s degree in international development, economics, politics, or a related field in sustainability science;
- Proven experience of at least three years of relevant work experience with supervisory responsibilities and experience in working within an international environment;
- Ability to work effectively, diplomatically, and sensitively with a wide range of partners from science, politics, and civil society;
- In-depth knowledge on issues of adaptation to climate change, resource management, and collaborative learning processes. Proven experience in interacting with UN processes is an additional advantage;
- Excellent oral and written communication skills in German and English. Good working knowledge of Spanish is an asset;
- Enthusiasm, flexibility and a commitment to working within a transdisciplinary, policy-relevant research field.

This position is to be filled as soon as possible.

TMG is an equal opportunity employer. Applications including a cover letter, CV with two referees and references should be submitted in one PDF document (max. 5 MB) until 4 November, 2018 to Anna Günther. Please upload your application only online via the application button and refer in your application to the website where the job ad was published.

The interviews will take place on 12 & 13 November, 2018. Please save the date in advance. For further information on the project, please consult the website (www.tmg-thinktank.com) or contact Ms. Anna Günther via email (anna.guenther@tmg-thinktank.com) or phone (+49 (0) 92 10 74 07 – 45) for details on the application process.

URL zum Bewerberformular: https://jobapplication.fhrworks.de/apply?companyid=278388&ise=104635
URL zur Job-Anzeige: https://jobapplication.fhrworks.de/?companyid=278388&ise=184635
Biotechnology and Biological Sciences Research Council

Vacancy / Policy and Strategy Officer - Impact Evidence

Salary: £30,357
Grade: D
Contract Type: Fixed Term (12 months maternity cover)
Hours: Full Time (alternative working patterns may be considered)
Closing Date: 11th November 2018
Interview Date: 29th November 2018

About the role

The purpose of the Policy and Strategy Officer – Impact Evidence role is to write high quality impact evidence, primarily in the form of narrative case studies, demonstrating the wider benefits to society that accrue from BBSRC’s investments in world-leading bioscience.

The UK’s bioscience researchers seek to answer fundamental questions about life and to apply that knowledge to help address many of the big challenges facing our communities in the 21st century. From sustainable agriculture to new, cleaner industrial processes and better lifelong health and wellbeing, bioscience has the power to transform how we live and work.

But how can we show that these benefits are arising from bioscience research supported by BBSRC?

For that we need to gather evidence showing the impact of our investments. That evidence will allow us to tell the story of how BBSRC is supporting bioscience research, how outputs from that research are leading to new innovations and understanding, and how that is re-shaping the economy and society.
Die Generalverwaltung der Max-Planck-Gesellschaft zur Förderung der Wissenschaften e. V. sucht zur Unterstützung ihrer europäischen Aktivitäten zum sofortigen Einstieg eine/einen

Referentin/Referenten (Kennziffer 81/18)


Ihre Aufgaben

- die europäische Forschungs- und -förderpolitik zu begleiten und zu analysieren
- Kontakte zur Europäischen Kommission, zum Europäischen Parlament und anderen europäischen Organisationen zu pflegen, auszubauen und nach Bedarf neu aufzubauen
- die Konzeption und die Durchführung von Veranstaltungen für die Leitung der MPG und/oder ihrer Institute
- Besuche der MPG-Leitung und/oder ihrer Institute zu organisieren, vorzubereiten und zu begleiten
- die Unterstützung der MPG, ihrer Gremien und Institute beim Lobbying mpg- oder institutspezifischer Anliegen
- insbesondere Begleitung und Kommentierung von Förderpoliti ken, wie die Implementierung von Horizon Europe oder einzelner Förderprogramme wie des Europäischen Forschungsrates sowohl auf Leitungs- als auch auf Institutebene

Ihr Profil
If you like the interface between science and industry

• Technology Transfer
• Start-up incubators

Astrid Woollard
Former Technology Transfer Associate
PhD 2012 Cell Biology, Oxford

Ingrid Kelly
PhD Biology

Alexander Schwartz
PhD Chemistry
If you like teaching

• German speaking sector: Universities of Applied Sciences (Fachhochschulen)
• Teaching positions at universities (in US R2/3 universities)
The University of Applied Sciences in St. Pölten, Austria is both locally positioned and globally oriented with a focus on offering best facilities for quality education in the fields of Media, Informatics, Traffic, Health and Social Sciences. The interdisciplinary environment enables novel collaboration at the interface between teaching and research, facilitating solutions for both the economy and society. About 3,000 students are receiving a practice-oriented academic education in 22 undergraduate and postgraduate courses and numerous opportunities to obtain further training. This position is vacant in the research group Media Computing.

**Researcher (m/f) in Computer Vision & Pattern Recognition**
(40 h/week)

**Your responsibilities**
- Support and lead research in innovative research projects on computer vision, pattern recognition and machine learning (e.g. image classification and segmentation, 3D surface classification)
- Development of methods for pattern analysis and classification with a focus on deep learning
- Writing of scientific publications and presentations
- Support the writing of scientific research project proposals and assist in project acquisition
- Take responsibility for research projects (e.g. as work package coordinator or project lead)
- Opportunity to support teaching

**Your qualifications**
- Finished (or seem to be completed) PhD in Computer Science or any comparable technical study
- OR substantial work experience in machine learning, scientific computing or a related field and the willingness to acquire a PhD.
- Substantial knowledge in machine learning, computer vision, pattern recognition and statistics
- Excellent knowledge of Matlab, Python, and GPU-based development
- Long-time experience in deep learning frameworks, e.g. TensorFlow, Keras, Torch (is an advantage)
- Knowledge in Java and/or C/C++ and Linux (is an advantage)
- Excellent knowledge of spoken and written English (ability to write scientific texts in English)
- Willingness to learn or improve the German language (for non-native)
- Organized, motivated and the ability to work as an autonomous and flexible researcher in an interdisciplinary team
- Enthusiasm for research and constant curiosity for new developments
- Experience in performing independent research or own responsibility and publishing scientific work.

We offer:
You can expect a long-term employment in the dynamic environment of an ambitious and achievement-oriented University of Applied Sciences. We offer attractive career opportunities and work conditions (e.g. home office, flexible working hours, office close to Vienna). Support in pursuing a PhD and working in a team of highly motivated and experienced experts. The opportunity to shape novel solutions and innovations with your knowledge and exciting tasks and deep learning curves on basic and applied research, support for further training.

The minimum gross salary for this position is € 47,000 per year based on 40 h/week. Overpayment based on the internal salary structure and individual qualifications and experience is possible. We attach great importance to diversity and equal opportunities. Women are explicitly encouraged to apply. This position is suitable for qualified persons with disabilities.
GESTALTEN SIE DIE ZUKUNFT DER FH JOANNEUM MIT.

Assoziierte Professorin (FH) für Datenanalyse und Computational Intelligence
Studiengang „Data and Information Science“ (Master) in Graz

Als BewerberInnen verfügen Sie über ein abgeschlossenes technisches oder naturwissenschaftliches Diplomstudium (240 ECTS) oder Bachelor- (zumindest 180 ECTS) und Masterstudium (insgesamt zumindest 270 ECTS) in Mathematik, technischer Mathematik, Informatik, Telematik oder einem vergleichbaren Studium sowie über ein abgeschlossenes Doktorat mit mindestens acht Jahren Berufserfahrung, davon mindestens drei Jahre außerhochschulisch oder über mindestens 8 Jahre fachbezogene Berufserfahrung und einer Habilitation.

Der/Die BewerberIn soll eine klare fachliche Spezialisierung im Bereich der Datenanalyse und oder im Bereich der Computational Intelligence aufweisen sowie idealerweise eine pädagogisch-didaktische Eignung nachweisen können. Eine Auseinandersetzung mit englischsprachiger Fachliteratur und ein Interesse an der Forschung in den Bereichen der Datenanalyse und der Computational Intelligence sowie im Bereich der Datenviualisierung werden vorausgesetzt. Freude am interdisziplinären und interprofessionellen Arbeiten und gute soziale Kompetenzen zeichnen die/den BewerberIn aus.


Aufgabenbereiche:
- Konzeption und Durchführung von Lehrveranstaltungen
- Betreuung von Bachelor- und Masterarbeiten
- Akquise und Leitung von Projekten
- Wissenschaftliche Publikationsfähigkeit
- Anleitung von wissenschaftlichen MitarbeiterInnen und HochschullehrerInnen
- Aufbau von Kontaktnetzwerken zu Forschung und Industrie
- Mitwirkung an Aufnahmekommissionen und -Gesprächen
- Mitwirkung in hochschulischen Gremien
- Mitarbeit in der Öffentlichkeitsarbeit am Studiengang

Beschäftigungsausmaß: 80 – 100 %, Pauschalvergütung
Mindestentgelt: € 4.646,3 brutto bei einem 100%igen Beschäftigungsausmaß (bei anrechenbarer Berufserfahrung und/oder anrechenbaren Qualifikationen kann eine höhere Entlohnung vorgesehen werden)

Beginn des Beschäftigungsverhältnisses: Jänner / Februar 2019
If you like teaching

- K-12 teaching
- In many countries, it is possible to become a high school teacher without completing a whole teaching degree
How to get positions

• Take the initiative
  – Apply for internships
  – Start doing what you like even if you don’t get paid for it yet
    • start a campus magazine, organize events, engage yourself in science outreach
    • Become a GSA/PDA and organize events etc.
    • Volunteer/ get in engaged in (social) activities
    • Coach people how to use equipment etc.
  – For teaching jobs: teach
What else can you do?

You need to develop a *feeling* for careers that sound interesting!
Emotions are an integral part of decision making.

- Do research on jobs that sound interesting to you
- Use ERASMUS+ for job shadowing
- Talk to people who have the jobs you are interested
- Get in touch with alumni

Developing a feeling for careers takes time – it is a process!
Where to look for jobs

LinkedIn and other online portals

Important national job markets:
• In Germany: Die Zeit “Jobs”
• In Austria: Der Standard
• In UK: The Guardian, jobs in higher education
• In US: Chronicles of Higher Education, Inside Higher Education
Who can be your employers?

- Universities
- Research institutes
  - E.g. Germany has a huge non-university research sector
  - Infrastructure for big science
Who can be your employers?

• Funding agencies
• Governmental organizations
• Non-governmental organizations, think tanks,...
Who can be your employers?

- Companies