

Assistant Professor D-IAS 2018

The Danish Institute for Advanced Study seeks outstanding candidates to fill five positions at the Assistant Professor level in the research areas of interest for the Centre.

The position is sponsored by, and located at, the University of Southern Denmark and starts in autumn / winter 2018.

The appointment is for four years with the possibility for a subsequent two years of employment as Associate Professor.

We offer a uniquely ambitious research environment and ample research funding attached to this particular position, and, for the successful candidate, a position where options for tenure will be discussed during a third-year review. Beyond this seed funding and besides being part of an excellent academic environment, D-IAS offers the strongest possible support in applications for further external funding from prestigious national and European funding schemes, e.g., Marie Skłodowska-Curie Actions and the ERC starting grants.

The present positions are in the fields of:

- Technical Science: Soft Robotics
- Technical Science: Nano science and technology
- Humanities: The Social Dimensions of Literature
- Health Science: Human health and lifespan
- Health Science: Molecular immunology

The successful candidate will have a strong international profile, a strong record of research publications, and have demonstrated exceptional potential to excel in scientific research.

We expect the applicants to actively engage in the development of the research unit as well as contribute positively to Danish IAS as a whole.

Danish IAS

The Danish IAS at SDU is a research centre that aims to inspire ground-breaking ideas through the meeting of minds across the sciences and humanities. The Danish IAS engages leading academics through its visitor programme, weekly talks, monthly lectures, and quarterly colloquia. There will be a strong focus on talent development of young researchers who work on game-changing ideas. Eminent academics are appointed as chairs, and in that capacity form the backbone of the Danish IAS as they catalyze activities within their field.

More information about Danish IAS activities can be found on our website www.danish-ias.dk
For further information please contact Co-Director Francesco Sannino at sannino@d-ias.dk, Co-Director Thorbjørn Knudsen at tok@d-ias.sdu.dk or Administrative Head of Centre Charlotte Gøbel at gobel@d-ias.sdu.dk

Technical Science: Soft Robotics

Faculty of Engineering, The Maersk Mc-Kinney Moller Institute

For most of its existence robotics has focused on hard, stiff mechanisms to deliver precision and repeatability -- in stark contrast to Nature, where materials of various stiffnesses are deployed in well-adapted bodies the advantages of which are then exploited.

The study of such soft systems raises many interesting new questions and challenges for robotics especially in the areas of design, control and distributed sensing.

We seek an exceptional colleague to complement our existing work in Embodied AI and Robotics. The successful candidate will work in a Soft Robotics Centre being established within the SDU Embodied Systems section, collaborating with colleagues working on modelling insect locomotion and manipulation skills, on versatile neural control, composite materials and embedded systems.

Challenging research proposals on the design, control and/or modelling of soft robotic structures and sensory systems, focusing on the exploitation of the principle of morphological computation, will be particularly welcome.

For further information please contact Professor John Hallam by email: john@mmmi.sdu.dk

Application deadline: April 27, 2018

Job position number: 18/6081

[Apply for the job here](#)

Technical Science: Nano science and technology

Faculty of Engineering, Mads Clausen Institute – in either Odense at the research center nanooptics (www.sdu.dk/nano-optics) or in Sønderborg at the research center NanoSYD (www.sdu.dk/nanosyd)

The successful candidate is expected to conduct cutting-edge theoretical or experimentally-based research within the area of nano science and technology, including condensed-matter physics and nano-scale physics, low-dimensional materials, mesoscopic physics, quantum optics, opto-mechanics, and photonics. For experimentalists, an active use of our nanofabrication research infrastructure (such as an ion-based Nanofab) is strongly encouraged and in general, synergy with existing research environments and our faculty members in physics is expected (for more information, see www.physics.sdu.dk).

The application material should include a detailed motivation and an outline of the ground-breaking activities that are to be pursued. In their applications, applicants should high-light their ten most significant journal publications, detailing also their author contributions. Applicants who wish to be considered should provide a link to a fully-updated ResearcherID (www.researcherid.com).

For further information about the position in Nanoscience and technology , contact Prof. N. Asger Mortensen (namo@mci.sdu.dk) (Nanooptics) or Prof. Horst-Günter Rubahn (Rubahn@mci.sdu.dk) ([NanoSYD](#)).

Application deadline: April 27, 2018

Job position number: 18/6077

[Apply for the job here](#)

Uses of Literature: The Social Dimensions of Literature**Faculty of Humanities, Department for the Study of Culture**

'Uses of literature' is among the leading international research groups in interdisciplinary literary studies and is funded by the The Niels Bohr Professorship Program of The Danish National Research Foundation. It seeks to attract strong, international researchers who are able to significantly advance the internationalization of a specific area of research in Denmark with lasting, long-term effects.

The aim of the project is to develop new interdisciplinary methods for analyzing the social uses of literature that avoid the reductive tendencies of traditional sociologies of literature.

The successful candidate is expected to work at the forefront of research in the area of the uses of literature with a focus on Anglophone and European literatures and is also expected to participate actively in the work of the group, which includes research dissemination and collaboration with other faculties and research environments.

Projects theorizing the concepts of attachment and identification in relation to literary analysis in a contemporary and comparative perspective are preferred. Projects are encouraged to address literary representations of ageing in the context of medical humanities and/or literature with a social/political agenda preferably in the context of welfare studies.

For further information please contact Head of department Anne Jensen, mail: anne.jensen@sdu.dk or phone +4560113145 or Professor Anne-Marie Mai, mail ammai@sdu.dk or phone +4524276357.

Application deadline: April 13, 2018

Job position number: 18/8013

[Apply for the job here](#)

Health Science: Molecular immunology**Faculty of health Science, Department of Molecular Medicine**

The Department of Molecular Medicine (IMM) seeks candidates doing cutting-edge research within the molecular immunology under the theme 'Inflammation and disease'. The successful candidate is expected to synergize with existing research activities in at least one of the three main sections of the Department, which houses several relevant groups that can host the candidate. In addition to laboratory facilities, the candidate will have access to advanced core technologies in e.g. cell imaging, FACS, cell sorting, confocal microscopy, animal studies and surface plasmon resonance. Close collaboration with Odense University Hospital ensures excellent possibilities for translational research.

Information about the Department and contact details to professors leading relevant research groups can be seen following this link:

https://www.sdu.dk/en/om_sdu/institutter_centre/imm_molekylaer_medicin

Application deadline: April 27, 2018

Job position number: 18/7405

[Apply for the job here](#)

Health Science: Human health and lifespan**Faculty of health Science**

We seek candidates doing cutting-edge research within the research theme “Determinants of human health and lifespan” in synergy with one or more of the following research groups at the Faculty of Health Sciences

Research groups at the Institute of Public Health

https://www.sdu.dk/en/om_sdu/institutter_centre/ist_sundhedstjenesteforsk/forskning/epidemiologi

https://www.sdu.dk/en/om_sdu/institutter_centre/ist_sundhedstjenesteforsk/forskning/epidemiologi/forskningsomraader/aging

https://www.sdu.dk/en/om_sdu/institutter_centre/ist_sundhedstjenesteforsk/forskning/epidemiologi/forskningsomraader/biodemography

https://www.sdu.dk/en/om_sdu/institutter_centre/ist_sundhedstjenesteforsk/forskning/epidemiologi/forskningsomraader/twins

https://www.sdu.dk/en/om_sdu/institutter_centre/ist_sundhedstjenesteforsk/forskning/epidemiologi/forskningsomraader/epidemiology

Research group in Global Health

[http://findresearcher.sdu.dk/portal/en/persons/christine-stabell-benn\(ad42068c-800c-4c51-93c0-eb068fd03b8a\).html](http://findresearcher.sdu.dk/portal/en/persons/christine-stabell-benn(ad42068c-800c-4c51-93c0-eb068fd03b8a).html)

Inclusive of the Bandim Health Project <https://www.bandim.org/>

Research groups at the National Institute of Public Health <http://www.si-folkesundhed.dk/?lang=en>

Application deadline: April 27, 2018

Job position number: 18/7404

[Apply for the job here](#)

Application, salary etc.

Appointment to the position will be in accordance with the salary agreement between the Ministry of Finance and the Danish Confederation of Professional Associations.

Research will be predominant in this position.

Application material required:

- Detailed curriculum vitae
- Certificates/diplomas
- Complete list of publications, indicating which publications are most relevant for the position
- Up to five of the most relevant publications. Please upload a pdf for each publication
- Three letters of recommendation from acknowledged international researchers. Should your referees wish to send their letters directly to us, please have them use e-mail: gobel@d-ias.sdu.dk mentioning your name and the title of the position in the subject line. And please note that these also need to reach us before deadline.
- Teaching portfolio
- Research and publication plan for the next three years

Applications will be assessed by an assessment committee. The committee may request additional information, and if so, it is the responsibility of the applicant to provide the necessary material.

When the assessment committee has submitted its report, the applicant will receive the part of the evaluation that concerns him/her.

Applications that are incomplete with regard to the above requirements will not be assessed by the committee.

D-IAS encourages all interested persons to apply, regardless of age, gender, religious affiliation or ethnic background.

As part of the overall assessment of the applicant's qualifications, a job interview may be held during the period of **25-29 June, 2018**. Interview for the position "Human health and lifespan" may be held **19 June**.

Application deadline (see specific date under each job)

Applications must be submitted electronically using the link below. Uploaded files must be in Adobe PDF (unlocked) or Word format.

[Read the guideline for applicants.](#)

[Further information](#) for international applicants about entering and working in Denmark

Each field can only contain a single file of max. 10 Mb