

Professor in Clinical Medical Physics and Radiotherapy

The Department of Clinical Medicine at Faculty of Health at Aarhus University invites applications for a position as Professor in the field of Clinical Medical Physics and Radiotherapy as per 1 October 2026 or as soon as possible thereafter. The position is a 5 year 50% (18,5 hours per week).

As a professor at the Department of Clinical Medicine, you will be part of what is probably the largest health science research department in Denmark. Our clinical research covers all the medical specialties and takes place in close collaboration with the university hospital and the regional hospitals in the Central Denmark Region. We have approx. 30,000 square meters of modern research facilities for experimental surgery and medicine, animal facilities and advanced scanners at our disposal. The department has overall responsibility for the Master's degree programs in medicine and in molecular medicine. At the department we are approx. 425 academic employees and the same number of PhD students cooperating across disciplines. As Professor of Clinical Medical Physics and Radiotherapy, you will be working at Department of Oncology, Aarhus University Hospital or another hospital in the Central Denmark Region. You can read more about the department [here](#) and about the faculty [here](#).

Your job responsibilities

As Professor of Clinical Medical Physics and Radiotherapy, you will have joint responsibility for the development of the research and teaching environment at Department of Oncology, and you will contribute to the implementation of the faculty's overall research strategy. You are expected to contribute – both independently and in collaboration with others – to the development of the department by leading research of high international quality and contributing to ensuring a high academic and didactic standard in teaching. Qua your excellent collaborative skills and a broad academic network, you contribute to the academic development at Aarhus University and to the university's profile both nationally and internationally.

Your main tasks as a professor will consist of:

- Research of high international quality, including publication in top international journals and communicating your research in national and international academic networks.
- Teaching, supervision and examination of Bachelor's and Master's degree students.
- To secure external funding for your own research group.
- Supervision of PhD students and contributing to the development of the faculty's PhD courses.
- Assessment and committee work at Aarhus University.
- Research-based collaboration with private and public-sector stakeholders as well as research-based consultancy.
- Dissemination of your research to the outside world.
- Drive radiotherapy advancement by leading the department's research & development projects
- Contribute substantially to research and development on technical solutions with particular focus on adaptive radiotherapy
- Lead implementation of the research findings in clinical routine
- Design and management of national or international clinical trials
- Participate in national and international collaborations to develop oncology guidelines and treatment strategies

As Professor you will report to the Clinical Professor and Chair of Oncology.

Your competences

You have an excellent track record in medical physics, radiotherapy and dosimetry research, and you have established yourself as a prominent researcher. You possess solid research and teaching qualifications at a high international level. You have broad international cooperative partnerships and great experience of research partnerships

Application Deadline:
23 June 2026

Institute/Faculty:
Department of Clinical
Medicine

Faculty:
Faculty of Health

Academic contact person:
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Vacant positions:
1

Number of months:
60

Hours per week:
18,5

Expected date of accession:
01/10/2026

with private and public-sector stakeholders. You have also a documented ability to attract significant competitive research funding from national and international funding bodies. You possess extensive experience in radiotherapy research and clinical implementation thereof, including strong international collaborations. You also have a strong track record in leading the development of clinical trial protocols in radiotherapy.

As a person, you are a helpful and motivational leader who inspires other researchers and builds trusting relationships with students, colleagues and partners. As a lecturer you communicate the newest and relevant knowledge in a committed, clear and comprehensible manner. As a supervisor you are competent, inspiring, supportive and responsible.

You are ready to take co-responsibility for the development of the department's research and education at the highest international level and for ensuring that we maintain a good work environment. You naturally involve yourself in interdisciplinary collaboration at departmental, faculty and university level as well as nationally and internationally.

We expect you to be fluent in oral and written English. International applicants are expected to learn Danish, and Aarhus University arranges Danish teaching.

In order to be assessed as qualified for a Professor position, you must meet [these academic criteria](#).

Obtaining a child certificate is a prerequisite for employment in the position.

Questions about the position

If you have any questions about the position, please contact Clinical Professor and Chair of Oncology, Signe Borgquist tel.: (+45) 22 62 45 25.

Your place of work will be the Department of Oncology, Aarhus University Hospital Palle Juul-Jensens Boulevard 99, DK-8200 Aarhus N, Denmark.

We expect to conduct interviews in late August or the beginning of September 2026.

Terms of employment

- In making the appointment, emphasis will be placed on a high degree of original production at an internal level and experience from teaching at different levels as well as contributions to the development of teaching activities and teaching material, hereby documenting that the applicant has developed the academic discipline from a research and teaching perspective.
- Moreover, there will be an assessment of the applicant's ability to perform research and teaching management tasks.
- Further information on the appointment procedure can be found in the [Ministerial Order on the Appointment of Academic Staff at Universities](#).
- The appointment is in accordance with the [Danish Confederation of Professional Associations](#) (Akademikerne).
- Remuneration is in accordance with the above, and the [Salary agreement catalogue for staff at Health](#).
- The yearly base salary for a fulltime professor is DKK 866.461,38 (including a position related supplement, a pre-agreed professor supplement and pension (18.07%)). Additional supplement(s) can be negotiated dependent on experience, special qualifications and performance of special functions. Professors have the authority to negotiate pay on their own behalf.
- Researchers recruited from abroad are offered a [special researcher tax scheme](#) with a lower tax rate.
- Travel and moving expenses may be covered according to the employee in question and, to a limited extent, the accompanying family.
- Further information on qualification requirements and job description can be found in the [Ministerial Order on Job Structure for Academic Staff at Universities](#).

Application

Your application must include the following:

- Motivated application
- Curriculum Vitae
- Diploma
- [Template for applicant - professor](#)
- A list of publications
- A teaching portfolio. We refer to [Guideline on the use of teaching portfolios](#)
- The ten publications stated as the most important in the 'Template for applicant - professor' must be submitted
- Research plan, which is part of the 'Template to applicant - professor' can be uploaded separately (optional)
- Coauthor statement(s) can be uploaded (optional)
- References/recommendations can be uploaded separately in the e-recruitment system (optional)

We refer to the faculty's [Guidelines for applicants](#).

Aarhus University's ambition is to be an attractive and inspiring workplace for all and to foster a culture in which each individual has opportunities to thrive, achieve and develop. We view equality and diversity as assets, and we welcome all applicants.

International applicant?

Aarhus University offers a broad variety of services for international researchers and accompanying families, including assistance with relocation and career counselling to expat partners. Please find more information about the International Staff Office and the range of services [here](#).

The application must be submitted via Aarhus University's recruitment system, which can be accessed under the job advertisement on Aarhus University's website.

Aarhus University

Aarhus University is an academically diverse and research-intensive university with a strong commitment to high-quality research and education and the development of society nationally and globally. The university offers an inspiring research and teaching environment to its 37,000 students (FTEs) and 8.700 employees and has an annual revenue of EUR 1.106 billion. Learn more at www.international.au.dk/