

Jobbnorge ID: 236557
Deadline: 1/31/2023
Website: <http://www.uia.no>
Scope: Fulltime
Duration: Permanent

Two Professors/ Associate Professors in Mathematics Education

About the positions

The University of Agder invites applications for two full-time permanent positions as Professors in Mathematics Education at the [Department of Mathematical Sciences](#), [Faculty of Engineering and Science](#). The positions are located in Kristiansand, Norway. The starting date is negotiable.

Responsibilities

The responsibilities of the two available positions include teaching, supervision and research in the fields of mathematics education.

The Department of Mathematical Sciences offers bachelor's and master's programmes in mathematics, and a master's programme and PhD in mathematics education, and also contributes comprehensively to the University's teacher education programmes.

The department has a large and active research group in mathematics education, MERGA, with about 15 fellows on its PhD programme, and with eight full-time professors, three 20 % professors and a number of associate and assistant professors in Mathematics Education. Currently the percentage of women in the research group is 42 %.

[MERGA](#) pursues a variety of research interests in mathematics education from kindergarten to university level focusing on six areas of expertise:

- (1) Emergent technologies in mathematics teaching and learning
- (2) Mathematics in non-mathematical practices
- (3) Mathematics teaching and learning in kindergarten and early school years
- (4) Mathematical thinking processes in school
- (5) Mathematics teaching and learning in Teacher Education and Professional Development
- (6) Teaching and learning mathematics in higher education

MERGA has substantial and ongoing experience of leading and contributing to large research projects funded by the EU, the Research Council of Norway, Nordforsk, the Competence Development Fund of Southern Norway, and others. In 2018 MERGA, as a recognition of its excellence, was assigned as one of six research priority centres within University of Agder.

The Research Council of Norway has recently assigned the Department by MERGA to lead a [graduate school in Mathematics and Science Education](#).

[The Centre for Research, Innovation and Coordination of Mathematics Teaching](#) (MatRIC), a national Centre for Excellence in Higher Education, established 1 January 2014, is led by the Department of Mathematical Sciences. We envisage that the persons appointed will contribute to the work and development of MatRIC, MERGA and the new graduate school.

Required qualifications

The criteria of employment are pursuant to the [Regulations concerning appointment and promotion to teaching and research posts](#).

Requirements for the position is a PhD in either Mathematics Education or Mathematics. Applicants with a PhD in Mathematics should be able to demonstrate academic work at least equivalent to doctoral research in Mathematics Education. Applicants with a PhD in Mathematics Education should demonstrate knowledge of Mathematics up to at least bachelor's level.

Only candidates who are evaluated to be within three years of meeting the requirements for a professor appointment, will be considered for appointment as Associate Professor.

For appointment as Professor/Associate Professor applicants must be able to document relevant practical teaching competence based on education or teaching and supervision. Applicants who are unable to document such basic competence at the time of their appointment, will be required to obtain it within a period of two years, possibly by completing UiA's basis course in university education. [Criteria for educational competence for appointment as Professor/Associate Professor at UiA](#).

The working language at the University of Agder is Norwegian, but the language of instruction can in some courses be Norwegian or English. The University of Agder will facilitate the completion of courses in Norwegian. Permanently employed staff is expected to be proficient in

Norwegian within three years.

Desired qualifications

A strong record of scientific publications in mathematics education at an international level is expected.

In addition, it will be an advantage if applicants can give evidence of:

- Experience in the successful supervision of doctoral research in mathematics education
- Experience in creation and management of externally funded research projects
- Leadership and/or administrative experience such as having led a research or developmental project, editor experience, conference organising experience, consultancy work, etc.

Applicants must have a broad expertise in mathematics education aiming at growth and innovation of the field. Particularly relevant areas include:

- Classroom research and design research
- Assessment
- Learning and teaching mathematics with digital technology
- Methodology of qualitative and/or quantitative research
- Mathematics teaching and learning in schools and higher education
- Mathematics teaching and learning in non-mathematical disciplines and in out-of-school settings
- Development of theoretical foundations
- Research on mathematics teacher education
- Appropriate leadership and administrative experience which includes, for example, the leading of research projects

Personal qualities

Personal suitability, good teamwork skills, written and oral communication skills and relevant teaching experience from school or universities will also be evaluated.

We offer

- Flexible working hours, five weeks of vacation per year
- A variety of responsibilities in a large, exciting and socially influential organisation
- A position with opportunities for personal development in a diverse environment
- Modern facilities and a comprehensive set of welfare offers
- A kindergarten is located on campus, and our staff has advantages when applying for childcare. Children have the right of kindergarten from the age of one year
- Membership of the [Norwegian Public Service Pension Fund](#)

[More about working at UiA.](#)

The position is remunerated according to the State Salary Scale, salary plan 17.510, code 1013 Professor, NOK 834 000 - 996 000, or code 1011 Associate Professor, NOK 636 000 - 850 000 gross salary per year. A compulsory pension contribution to the Norwegian Public Service Pension Fund is deducted from the pay according to current statutory provisions.

General information

UiA is an open and inclusive university. We believe that diversity enriches the workplace and makes us better. We, therefore, encourage qualified candidates to apply for the position independent of gender, age, cultural background, disability or an incomplete CV.

Applications from female candidates are encouraged.

All applications will be evaluated on the basis of experience, publications and other usual measures of scientific endeavour.

The successful applicant will have rights and obligations in accordance with the current regulations for the position, and organisational changes and changes in the duties and responsibilities of the position must be expected. The engagement is to be made in accordance with the regulations in force concerning the acts relating to [Control of Export of Strategic Goods, Services and Technology](#). Appointment is made by the University of Agder's Appointments Committee for Teaching and Research Positions.

Short-listed applicants may be invited for interviews and a demonstration of their teaching qualifications, usually in the form of a trial lecture. With permission from the applicant the university also will conduct a reference check before appointment. The final recommendation will be an overall assessment based on the expert assessment, the trial lecture, the interview(s) and references. [Read more about the employment process.](#)

In accordance with the Freedom of Information Act § 25 (2), applicants may request that they are not identified in the open list of applicants. The University, however, reserves the right to publish the names of applicants. Applicants will be advised of the University's intention to exercise this right.

Application

The application and any necessary information about education and experience (including diplomas and certificates) are to be sent electronically. Use the link "[Apply for this job](#)".

The following documentation must be uploaded electronically:

- CV
- Diplomas and certificates
- Complete list of publications
- Abstract of doctoral thesis
- Copies of selected scientific publications (no more than 10)
- Possible documentation of educational competence
- List of ongoing research (incl. work in progress)
- One page summary of teaching philosophy and approach
- List of previously taught courses, including recent student evaluations

The applicant is fully responsible for submitting complete digital documentation before the closing date. All documentation must be available in a Scandinavian language or English.

Closing date: 31.01.23

Contact

For questions about the position:

- Head of Department Associate Professor Ingvald Erfjord, tel.: +47 38 14 15 47, e-mail: ingvald.erfjord@uia.no
- Professor Martin Carlsen, tel.: +47 38 14 16 59, e-mail: martin.carlsen@uia.no
- Assistant Head of Department Elna Svege, tel.: + 48 38 17 78, e-mail: elna.svege@uia.no

For questions about the application process:

- HR-Advisor Linda Marie Anderstrøm, tlf. +47 37 23 37 03, e-mail linda.m.anderstrom@uia.no

University of Agder

The University of Agder has more than 1500 employees and almost 14 000 students. This makes us one of the largest workplaces in Southern Norway. Our staff research, teach and disseminate knowledge from a variety of academic fields. Co-creation of knowledge is our common vision. We offer a broad range of study programmes in many fields. We are situated at two modern campuses in Kristiansand and Grimstad respectively.

We are an open and inclusive university marked by a culture of cooperation. The aim of the university is to further develop education and research at a high international level.

Additional information

Place of service:

Gimlemoen 25 4630 Kristiansand S (Kristiansand Municipality)