



## **Quantitative Methods in Education Two Open Rank Faculty Positions (9402/9403)**

**Department of Educational Psychology  
College of Education and Human Development  
University of Minnesota**

### **ABOUT THE POSITION**

#### **Position Overview:**

The Department of Educational Psychology in the College of Education and Human Development at the University of Minnesota seeks individuals to contribute to the research, teaching, and service with a primary affiliation within the Quantitative Methods in Education Program. The two positions will begin in Fall Semester 2022 and are expected to be filled at either the tenure-track Assistant or tenured Associate level. We seek scholars who are well-versed in the development and application of statistical methods, measurement, and/or psychometric models in educational research. We are particularly interested in scholars with evidence of, or the potential to develop, a nationally recognized research program that contributes to the interdisciplinary research environment of the Department, College, and University. Further, we seek individuals who have demonstrated commitment to diversity, equity, inclusion, particularly as it relates to ensuring equitable opportunities for those who have been historically marginalized to learn, grow, and thrive across their lifespans.

#### **Appointment Details:**

The individual hired will be appointed into a full-time, 9-month position as a tenure-track Assistant Professor(9403) or tenured Associate Professor(9402). This position will remain open until filled, but the search committee will begin its review of applications on October 22, 2021. The anticipated starting date for this appointment is August 29, 2022, and the salary is competitive and commensurate with experience.

The University of Minnesota encourages a healthy work life balance for employees. CEHD is committed to an excellent employee experience, offering a flexible work environment that meets the needs of students, staff, faculty, and the communities we serve. Flexible work arrangements may include flexibility in schedule and/or work location. All UMN employees are expected to follow applicable public health and safety procedures. For more information on flexible work options visit: <https://humanresources.umn.edu/work-flexibility/flexible-work-options>.

## **Job Responsibilities:**

Specific responsibilities include, but are not limited to:

### *Research (40%):*

- Develop and sustain a strong and coherent record of scholarship, pertinent to the development and application of statistical methods, measurement, and/or psychometric models in educational settings.
- Applicants should be committed to securing external funds in support of their scholarly inquiry.

### *Graduate Advising and Teaching (40%):*

- Mentor and advise graduate students.
- Teach graduate-level courses on topics such as Bayesian methods, casual modeling, latent variable models, advanced statistical models, statistical computing, item response models, survey design, cognitive diagnostic models, test development, generalizability theory, equating, performance assessment, and/or score reporting for educational research. Course assignment(s) will build on the individual's areas of expertise and research.

### *Service (20%):*

- Participate in department, college, university, and other outreach and public engagement activities, including service on internal committees or task forces, and making presentations to external constituencies.
- Participation in the activities of relevant professional organizations in quantitative methods in education is expected.

## **QUALIFICATIONS**

### **Required qualifications:**

- An earned doctorate in educational psychology, psychology, statistics or a related field with emphasis in quantitative methods.
- Preparation, training, and experience focused on the development and application of statistical methods, measurement, and/or psychometric models in educational research, or other settings (e.g., nonprofit organizations, think tanks, industry).

For applicants at the Associate level:

- Evidence of a strong and well-established programmatic line of research and resultant research productivity in the form of peer-reviewed publications, conference presentations and other relevant research products (e.g., book chapters).
- Research in educational settings is preferred.

### **Preferred qualifications:**

- Demonstrated ability to work collaboratively and collegially in department, college, university, and community service and governance.
- Demonstrated ability to engage in interdisciplinary research.

For applicants at the Associate level:

- Higher education teaching and student advising experience at the graduate level.
- Experience teaching courses on test/survey development, measurement theory, and the application of statistical methods and/or psychometric models in educational research.
- Experience working with diverse student populations or doing work in diverse communities.
- Established record of securing external sponsored funds.

## HOW TO APPLY

Applications must be submitted online: <https://hr.myu.umn.edu/jobs/ext/343491>. To be considered for this position, please click the Apply button, and follow the instructions. You will have the opportunity to complete an online application for the position (Job Opening ID 343491).

After clicking submit, return your application through the "My Job Applications" page and upload your documents into the "My Cover Letters and Attachments" section. This position requires that you upload the following documents to be fully considered for the position:

- a cover letter addressing qualifications,
- a diversity statement,
- a research statement,
- a teaching statement,
- representative preprints,
- a curriculum vita, and
- three reference letters.

To request an accommodation during the application process, please e-mail [employ@umn.edu](mailto:employ@umn.edu) or call (612) 624-UOHR (8647).

## BACKGROUND CHECK INFORMATION

Any offer of employment is contingent upon the successful completion of a background check. Our presumption is that prospective employees are eligible to work here. Criminal convictions do not automatically disqualify finalists from employment.

## ABOUT CEHD

### Department Overview:

The Department of Educational Psychology provides training in the cognitive, emotional, and social learning processes that underlie education and human development across the lifespan, including: the psychological foundations of education, quantitative methods in education, the practice and science of counseling psychology, school psychology, and special education. Faculty and students provide leadership and consultation to the state, nation, and international community. The department's scholarship and teaching enhance professional practice in schools and universities, community mental health agencies, business and industrial organizations, early childhood programs, and government agencies. For additional information about the department visit:

[www.cehd.umn.edu/edpsych](http://www.cehd.umn.edu/edpsych).

## College Overview:

The College of Education and Human Development (CEHD) is a world leader in discovering, creating, sharing, and applying principles and practices of multiculturalism and multidisciplinary scholarship to advance teaching and learning and to enhance the psychological, physical, and social development of children, youth, and adults across the lifespan in families, organizations, and communities. CEHD is the third largest college at the University of Minnesota, houses seven departments with ten undergraduate majors, over 30 graduate degree programs, and 25 centers and institutes. We are committed to diversity in our students, faculty and staff; 38.4% of our new first year students are students of color and more than 265 of our international students represent over 51 different countries. For further information: <http://www.cehd.umn.edu/about/default.html>.

*At CEHD, diversity is necessary to doing our best work and fostering our humanity. That's why the CEHD community is collectively dedicated to cultivating an inclusive and equitable environment. We strive to weave these core values into the work of each department and all of programs. We are deeply engaged with our surrounding community, and our students, staff, and faculty are encouraged and empowered to enhance equity, inspire change, learn and grow personally, and prepare professionally to encounter and engage in systemic transformation. For more information, visit <https://www.cehd.umn.edu/diversity/>.*

*CEHD and the University of Minnesota provides equal access to and opportunity in its programs, facilities, and employment without regard to race, color, creed, religion, national origin, gender, age, marital status, disability, public assistance status, veteran status, sexual orientation, gender identity, or gender expression.*

## DIVERSITY

The University recognizes and values the importance of diversity and inclusion in enriching the employment experience of its employees and in supporting the academic mission. The University is committed to attracting and retaining employees with varying identities and backgrounds.

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## The University of Minnesota, Twin Cities (UMTC)

The University of Minnesota, Twin Cities (UMTC), is among the largest public research universities in the country, offering undergraduate, graduate, and professional students a multitude of opportunities for study and research. Located at the heart of one of the nation's most vibrant, diverse metropolitan communities, students on the campuses in Minneapolis and St. Paul benefit from extensive partnerships with world-renowned health centers, international corporations, government agencies, and arts, nonprofit, and public service organizations.