University of Delaware

Equal Employment Opportunity Statement

The University of Delaware is an Equal Opportunity Employer which encourages applications from Minority Group Members, Women, Individuals with Disabilities and Veterans. The University’s Notice of Non-Discrimination can be found at http://www.udel.edu/aboutus/legalnotices.html

Job No: 499410
Work Type: Faculty
Location: Newark
Categories: School of Education, Full Time

University of Delaware: College of Education & Human Development: School of Education

Position. A tenure-track assistant professor position is available starting September 1, 2023.

The School of Education in the College of Education and Human Development (CEHD) at the University of Delaware seeks an exceptional researcher with a strong scholarly record in the field of psychometrics in areas such as advanced item response theory, dimensionality assessment, computer-based testing, accountability and testing, generalizability theory, and equating.

Required Qualifications

- Ph.D. or Ed.D. in education, statistics, psychology, or related field by the start date, with demonstrated knowledge of educational research methodology.
- Demonstrated working knowledge of current technical measurement issues, including: scaling, dimensionality, IRT and MIRT models, hierarchical modeling, equating, sampling, and generalizability.
- Knowledge of and demonstrated ability to apply current research findings related to: measurement theory; factor structures; sub-score reporting; validity theory and evaluation of validity claims; accuracy and consistency of scores and classifications; evaluation of intended and unintended consequences of assessments; computer-adaptive and computer-based testing; identification of possible test bias; scaling and growth models; standard setting, and data visualization.
- Advanced skills with computer programs such as R, Mplus, Python, SAS, SPSS, Winsteps, and a specific focus on psychometric analysis.

Preferred Qualifications

- A strong publication record, or the potential for such a record.
- A strong record of, or potential for, obtaining external funding.
- Experience working in collaborative teams.
- Experience connecting measurement to policy and equity and fairness.
- Demonstrated excellence and commitment to teaching and mentorship at both the undergraduate and graduate levels.
Responsibilities

Responsibilities include sustaining a significant research program, supervising doctoral research as appropriate, teaching courses on theories of measurement with special emphasis on item response theory, and service as assigned. Teaching and advising responsibilities will primarily be with the Ph.D. in Educational Statistics and Research Methods as well as other nationally-recognized SOE programs based on expertise.

About the College of Education and Human Development

University of Delaware's College of Education and Human Development (CEHD), defined by its commitment to serve children, youth and families across educational, community and family settings, comprises two academic units, the School of Education (SOE) and the Department of Human Development and Family Sciences (HDFS), as well as several centers for education, research and service. In all areas of teaching, research and service, diversity, equity and inclusion serve as core values and guiding principles in CEHD’s mission to prepare students to educate, serve and lead in diverse schools and communities.

With undergraduate and graduate programs in teacher preparation, educational leadership, education, human services, human relations administration and more, CEHD offers academic programs that integrate classwork with enriching field experiences and research apprenticeships to prepare students to address the most pressing educational and human development challenges of our time. Committed to the development of nearly 1,000 undergraduate and graduate students, more than 100 full-time and jointly appointed faculty members guide students to become educators, researchers, advocates and leaders in their fields, locally in Delaware and around the globe. CEHD remains especially committed to serving first-generation college students and those from underrepresented backgrounds.

In partnership with local, regional and national organizations, CEHD identifies critical, real-world problems in educational, community and family settings, especially within historically disadvantaged communities, and provides evidence-based solutions through ground-breaking and timely research that advances theory while informing practice. CEHD faculty contribute research to many areas within education and human development, including early childhood, education and social policy, education leadership and administration, equity and diversity, disability and inclusion, family policy and services, the learning sciences, literacy and language, social determinants of health, social emotional development, STEM education, and teacher preparation and professional development.

Numerous foundations and federal agencies support CEHD research, including the Institute of Education Sciences, the National Science Foundation and the National Institutes of Health, among others. Since 2019, faculty have garnered $26 million on average in external funding, and the college ranks among the top nationally in obtaining federal support for education and human development research. CEHD faculty are recognized for their contributions to national conversations about critical educational as well as human development and family issues, lead organizations working to address those issues, and provide a range of support to the agencies at the front lines of improving educational and social opportunities and outcomes.

Through 10 centers for research, education and public service, CEHD faculty, staff and students develop and maintain partnerships with schools, districts, social agencies and other community organizations to deliver services crucial to the education and human development of children, youth
and families. CEHD centers support schools and districts in accessing and using research, deliver professional development for educators and leaders, support community members with special education needs and disabilities and provide instruction for children on a thriving children's campus.

About the School of Education

The School of Education (SOE), housed within the College of Education and Human Development, has over 60 full-time faculty members who serve nearly 600 undergraduate and 360 graduate students. The SOE offers an undergraduate major in elementary teacher education and minors in educational studies, educational technology and race, culture and equity in education. The department also offers several robust graduate programs at both the master’s and doctoral level including a Ph.D. in education, a Ph.D. in educational statistics and research methods, an Ed.D. in educational leadership, an Ed.S. in school psychology and interdisciplinary, joint programs with other University of Delaware colleges, including a Ph.D. in education and social policy, an M.S. in evaluation science and an M.S. in environmental education. Supported by the National Science Foundation, the Institute of Education Sciences and other foundations and federal agencies, SOE faculty contribute rigorous and methodologically diverse research that addresses critical issues in education. Their research programs contribute to many areas, including educational policy, educational leadership and administration, language and literacy, mathematics education, the science of learning, sociocultural and community-based approaches, special education and disability studies and teacher preparation, among others. SOE faculty are recognized for their contributions to national and international conversations about critical educational issues, lead organizations working to address those issues and provide a range of supports to the agencies at the front lines of improving educational opportunities and outcomes.

About the University of Delaware. Founded in 1743, UD combines tradition and innovation, offering students a rich heritage along with the latest in instructional and research technology. Located in Newark, Delaware, within two hours of New York, Philadelphia, Baltimore, and Washington, D.C., the University is a Land Grant, Sea Grant, Space Grant, and Carnegie Research University (a research designation accorded to fewer than three percent of the degree-granting institutions in the U.S.), and with external funding exceeding $200 million annually. A state-assisted, privately governed institution, the University enrolls approximately 18,000 undergraduates and 4,000 graduate students.

The School of Education and UD strongly believe that our future success is firmly predicated on our steadfast commitment to diversity, equity, and inclusive excellence. Diversity is a core value and guiding principle for the School of Education's mission to prepare future scholars, educators, and leaders to educate and lead in increasingly diverse schools and communities.

Applications. Review of applications will begin on November 1, 2022 and will continue until the position is filled. Applicants should include (1) a 2-3 page letter describing their qualifications for the position, including academic preparation, scholarship, research accomplishments (including external funding), applied policy/practice work, and evidence of effective teaching and mentoring, (2) a brief (no more than 1 page) diversity/equity/inclusion statement that addresses how the candidate has or will teach and mentor a diverse student population, how they will support diversity initiatives on campus, and the extent to which their own research agenda focuses on equity; (3) a curriculum vitae, and (4) the names and contact information for 3 references. Please do not send recommendation letters at this time; we will request letters from semi-finalists. For inquiries, contact: Assistant Professor Zach Collier, Search Committee Chair, collierz@udel.edu.

Notice of Non-Discrimination, Equal Opportunity and Affirmative Action
The University of Delaware does not discriminate against any person on the basis of race, color, national origin, sex, gender identity or expression, sexual orientation, genetic information, marital status, disability, religion, age, veteran status or any other characteristic protected by applicable law in its employment, educational programs and activities, admissions policies, and scholarship and loan programs as required by Title IX of the Educational Amendments of 1972, the Americans with Disabilities Act of 1990, Section 504 of the Rehabilitation Act of 1973, Title VII of the Civil Rights Act of 1964, and other applicable statutes and University policies. The University of Delaware also prohibits unlawful harassment including sexual harassment and sexual violence.

Applications close:

Apply Here: [https://www.click2apply.net/8MmxArIDrzOXns7dxuwwR1](https://www.click2apply.net/8MmxArIDrzOXns7dxuwwR1)

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