

Dear Colleagues,

I'm happy to share the below job ads for a cluster hire in our new College of Connected Computing. Application review begins 11/5/25. Please reach out to Search Chair Andrew Schwartz andy.schwartz@vanderbilt.edu with any questions.

Best,
Kris

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*Kristopher J. Preacher, Ph.D.
Lois Autrey Betts Chair in Education & Human Development
Quantitative Methods
Vanderbilt University*

Assistant/Associate/Full Professor in Computation & Psychology, College of Connected Computing

Vanderbilt University is conducting a search for multiple Assistant (tenure-track), Associate, and Full Professors working at the intersection of psychology with computation or AI. The faculty will be part of Vanderbilt's new College of Connected Computing, focused on the interdisciplinary foundations and applications of computer science. They will work collaboratively on unique questions that integrate psychological theory to advance AI and/or use advanced computation to answer deep psychological questions. Faculty will also help to develop robust academic and graduate programs integrating computation and psychology fundamentally. Collaboration across Vanderbilt, especially with our renowned Psychology departments, is encouraged in order to advance breakthrough discoveries, with the possibility for secondary and joint appointments.

Specific fields of interest and emerging areas of study include:

- Computational models of cognition
- Computational social psychology
- Affective computing
- Clinical mental health informatics
- Computational models of development
- Machine learning and psychometrics
- Computational neuroscience
- Behavioral/social foundation modeling
- Natural language processing
- Agentic and generative AI

Vanderbilt University is a private university with a long history of pioneering work in computational psychology. The 330 acre park-like campus is on the western edge of downtown Nashville, Tennessee. Nashville is a regional center for culture and technology which has been growing alongside the University since Vanderbilt's opening 150 years ago, in 1875.

Qualifications

Candidates must have a Ph.D. in computer science, psychology, biology (or a related field such as statistics, data science, communications, or neuroscience). Candidates must have a research program with a strong record of peer-reviewed publication using advanced computational methods (such as computational modeling, machine learning, AI, or algorithm development). Candidates should also have a track record of contributing to multidisciplinary and/or multi-institutional collaborative research projects. Teaching in the College of Connected Computing is a component of this position.

Candidate Instructions

We ask that candidates provide information to Vanderbilt through Interfolio by following these links:

Assistant (TT): <https://apply.interfolio.com/175958>

Associate or Full: <https://apply.interfolio.com/175978>

Please provide a cover letter, curriculum vitae, research statement, teaching statement, evaluations of teaching (if available), and 3 to 5 contacts for letters of reference. The cover letter should articulate the applicant's specific interest in this position, explain how this role aligns with their career goals, and/or discuss their fit. Application review will begin November 5, 2025.