

Assistant or Associate Research Professor
Life Span Institute, University of Kansas
Juniper Gardens Children's Project

For more than 50 years, scientists at the nationally-recognized Juniper Gardens Children's Project (JGCP), have been creating research-based solutions to improve the lives of children and their families. The JGCP mission is to conduct translational research to promote children's social well-being and academic achievement by improving the quality of their care and education (<http://www.jgcp.ku.edu>). It is in this spirit of *Doing Science, and Doing Good* through community-engaged research that the JGCP is seeking a **Statistical Scientist** interested in applying and advancing their statistical knowledge in this line of socially important educational and applied behavioral research. The chosen candidate will join a group of 11 highly successful behavioral scientists, currently overseeing 20 active research projects, as an **Assistant or Associate Research Professor**.

The work of JGCP scientists has been continuously funded by grants from the U.S. Department of Education, National Institutes of Health, Health Resources and Services Administration, among others (average of \$5.8 million dollars per year). Therefore, the **Statistical Scientist** will be able to collaborate with colleagues on a range of project related issues, some that present opportunities to contribute new methods and techniques. The **Statistical Scientist** also will have access to large-scale, extant databases that could be used to advance statistical skills and contribute to scholarly productivity. This position allows for maximum flexibility to pursue an independent research agenda without competing university teaching demands. The JGCP is organizationally-situated within KU's Institute for Life Span Studies, which provides the chosen candidate access to a larger Research Design and Analysis unit and team.

Please note that all offers of employment are contingent upon the satisfactory completion of the background check. Continuation is dependent on funding and satisfactory annual evaluations. **The position is at the JGCP, a 20,000 square foot research center, which is located in downtown Kansas City, Kansas** in the Children's Campus of Kansas City building, 444 Minnesota Ave, Suite 300, Kansas City, KS 66101. The successful candidate must have appropriate authorization to work in the U.S. prior to the start of employment. The anticipated start date for this position will be September 16, 2019 but is negotiable.

RESEARCH RESPONSIBILITIES (80%):

1. Coordinate and participate in the planning and writing of research proposals with JGCP investigators and local and national researchers to secure external funding. Identify ways to increase and sustain collaborative research with local and national research partners. Submit grant applications in response to identified funding opportunities.
2. Work with research faculty developing new research proposals with an emphasis on research design, power estimates, and quantitative analyses that will be needed and used in new studies.

3. Establish an independent record of research and scholarship related to research methodology, statistical approaches or related fields of study by seeking and securing external funding.
4. Disseminate research findings through peer-reviewed publications and presentations to local, regional, and national professional organizations.

SERVICE RESPONSIBILITIES (20%):

1. Mentor graduate and postdoctoral students on research methodology (e.g., for independent study projects, Master's thesis, and dissertations).
2. Serve as a member of the PI Executive Committee at the JGCP.
3. Provide support to JGCP through statistical consultation services with research faculty in order to effectively communicate advanced statistical approaches and methods as well as provide direct statistical support for other scholarly products (e.g., manuscript submissions).

REQUIRED QUALIFICATIONS:

For the Assistant Research Professor:

1. Doctoral degree with a major in statistics, mathematics, quantitative methods, quantitative / educational psychology or related disciplines.
2. Two (2) years minimum experience engaged in the conduct of research studies.
3. Demonstrated experience providing statistical and grants consultation to other researchers or scientists.
4. Excellent written and oral communication skills as demonstrated through the interview process and quality of application materials.

For the Associate Research Professor:

1. Doctoral degree with a major in statistics, mathematics, quantitative methods, quantitative / educational psychology or related disciplines.
2. Four (4) years minimum experience engaged in the conduct of research studies.
3. Demonstrated experience providing statistical and grants consultation to other researchers or scientists.
4. Excellent written and oral communication skills as demonstrated through the interview process and quality of application materials.

PREFERRED QUALIFICATIONS:

1. Demonstrated experience constructing, validating, and explaining advanced statistical models appropriate for research in applied contexts (e.g., schools or child care programs).
2. Extensive skills in coding using current statistical software such as R, SAS, SPSS, and/or Mplus required for the conduct of analyses.
3. Demonstrated ability to prioritize across several simultaneous projects, communicating findings on a regular basis to individuals from various backgrounds as well as in published work.
4. Demonstrated record of research and scholarship as evidenced by prior funded research grants or contracts as well as publications in peer-reviewed journals.
5. Experience with research projects involving pediatric populations, including typically developing children and children with special needs.

FTE: 100%

SALARY: \$65,000-\$90,000 annually, commensurate with education and experience

CONTACT INFORMATION TO CANDIDATES:

For questions about the position, please contact Dr. Brian Boyd at 913-735-2603, email, brian.boyd@ku.edu

For questions about the application process, please contact Diana Skill at 913 735 2612, dskill@ku.edu

APPLICATION INSTRUCTIONS:

Please submit an online application at the following link <https://employment.ku.edu/academic/13662BR>

Additionally, a cover letter, vitae and contact information for three professional references is required. In the cover letter, please indicate how you see your particular skill sets and prior experience contributing to research at JGCP.

Review of applications will begin March 15, 2019 and continue until a qualified applicant pool has been identified.

The University of Kansas prohibits discrimination on the basis of race, color, ethnicity, religion, sex, national origin, age, ancestry, disability, status as a veteran, sexual orientation, marital status, parental status, retaliation, gender identity, gender expression and genetic information in the University's programs and activities. The following persons has been designated to handle inquiries regarding the non-discrimination policies and are the Title IX Coordinators for their respective campuses: Director of the Office of Institutional Opportunity and Access, IOA@ku.edu , Room 1082, Dole Human Development Center, 1000 Sunnyside Avenue, Lawrence, KS, 66045, 785-864-6414, 711 TTY (for the Lawrence, Edwards, Parsons, Yoder, and Topeka campuses; Director, Equal Opportunity Office, Mail Stop 7004, 4330 Shawnee Mission Parkway, Fairway, KS 66205, 913-588-8011, 711 TTY (for the Wichita, Salina, and Kansas City, Kansas medical center campuses).