



## Center for Healthcare Delivery Science

### SENIOR RESEARCH BIOSTATISTICIAN

The Nemours Center for Healthcare Delivery Science (CHDS; [www.nemours.org/pediatric-research/area/health-care-delivery-science.html](http://www.nemours.org/pediatric-research/area/health-care-delivery-science.html)) invites applications for the position of **Senior Research Biostatistician** to join its team of core investigators. CHDS is an enterprise-wide center across the Nemours Children's Health System in Delaware and Florida that conducts research on variables and processes that affect the delivery, safety, outcomes, cost, quality, and value of pediatric health care. The Director of CHDS is Anne E. Kazak, PhD., ABPP. The Senior Research Biostatistician would join our team in Delaware, but would have the opportunity to collaborate with center faculty from across the entire CHDS.

CHDS projects require a diverse set of specific statistical skills. These include longitudinal modelling, factor analysis, measure development and psychometrics, structural equation modelling, hierarchical linear modelling, cluster analysis, latent class and profile analysis, time series analysis, propensity scores, ROC curve analyses, methods for handling missing data, and analyses based on large datasets, including EHR data. We seek a Senior Research Biostatistician who has knowledge and expertise in several of these specific skills. We also seek someone with the research expertise to support all aspects of research planning and grant submissions, including help with study design, randomization schemes, statistical analyses, interim reports and DSMB analyses, sensitivity analyses, and regulatory reporting. The Senior Research Biostatistician will participate in center- and institution-wide meetings, establish collaborations with other biostatisticians and methodologists at affiliated institutions (including through the Delaware-wide ACCEL program), work with and supervise data analysts, and participate in training and supervision of research coordinators, students, fellows, and faculty on research methods and statistical approaches. We expect a Senior Research Biostatistician to stay current with the methodological and statistical literature and would encourage applications from those with an interest in developing and sustaining an independent, grant-funded program of research that complements center-wide research interests and goals. While CHDS would be the Senior Research Biostatistician's primary faculty appointment, he/she may seek secondary appointment in the Nemours Biostatistics Core as well as faculty appointments at our affiliated university or medical school partners.

The Nemours Children's Health System operates freestanding children's hospitals in Wilmington, Delaware and Orlando, Florida, subspecialty pediatric clinics in Wilmington, DE, Philadelphia, PA and Jacksonville, Orlando and Pensacola, FL, and pediatric primary care clinic networks in the Delaware Valley and Central Florida. The Nemours Children's Health System has been at the forefront of integrating information technology into its daily operations as evidenced by its adoption of a uniform electronic medical record system in 1997. In addition, to connect all Nemours entities, we operate a Local Area Network with video-conference capabilities, and we share research administration, accounting, and regulatory functions. The

Nemours Children's Health System is one of eight major pediatric organizations within PedsNet, a Clinical Data Research Network funded by the Patient Centered Outcomes Research Institute, an excellent resource for pediatric health care delivery science (see [www.PEDSnet.org](http://www.PEDSnet.org)).

Candidates must have a doctoral degree in biostatistics, quantitative psychology, or a closely related field. At least five years of postdoctoral experience is preferred. A demonstrated program of biostatistics research and innovation, along with first or senior author publications in peer reviewed journals is highly desired. Salary is dependent upon the successful candidate's qualifications and a strong fringe benefits program is provided. Send curriculum vitae and cover letter outlining your specific qualifications, experience and fit with this position to Dana Berger, Program Manager of the CHDS ([dana.berger@nemours.org](mailto:dana.berger@nemours.org)). Apply online by visiting our website at: [www.nemours.org](http://www.nemours.org). Nemours is an Equal Employment Opportunity employer and does not discriminate on the basis of race, ethnicity or gender.