

As an expansion of its research program in Reproductive Biology at the C.S. Mott Center for Human Growth and Development, Wayne State University in Detroit, Michigan is recruiting a Statistical Analyst (Masters degree or MPH) to be part of a team to enhance the University's current interdisciplinary strengths in maternal, perinatal and reproductive sciences. This unique opportunity is a part of the Detroit renaissance, a context within which Wayne State University is expected to experience substantial research-intensive growth through the next decade. This expansion includes a multi-institutional local initiative and a novel state-wide translational sciences partnership to move our discoveries from the bench to the bedside.

Successful applicants must have expertise in statistical software for estimating sample size such as SPSS, SAS or equivalent and power estimates such as nQuery Adviser and GPower, as well as the ability to generate publication quality graphics using software programs, such as Microsoft Powerpoint and Adobe products. The candidate must be able to independently complete statistical analyses write and evaluate grant and scholarly material in order to meet brief and critical deadlines of grant submissions, abstract submissions and editorial reviews.

Other responsibilities include teaching a graduate level WSU School of Medicine statistics course (OBG7500; 3 credit hours), which emphasizes instruction in statistical methods and research design for the research fellows of the department of Ob/Gyn and other interested individuals. This course is offered annually or as required by the department. Additional teaching duties include classes on basic statistics and probability for the summer molecular medicine and genetics program (MBGO8680).

The ideal candidate will have experience in bioinformatics and the use of gene association statistical tools for the analysis of the ever expanding area of the genome wide association studies of complex human diseases.

The Mott Center (<http://mott.med.wayne.edu/>) is the basic research unit of the Department of Ob/Gyn, which is routinely ranked among the top 5 Ob/Gyn departments for research in the country, and is home to the Perinatology Research Branch of the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) (<http://www.med.wayne.edu/prb/>) and the Applied Genomics Technology Center (<http://www.agtc.med.wayne.edu/>), the University-wide genomics/epigenomics core which provides informatics support for its services.

Interested applicants should forward his/her curriculum vitae and letter of interest with a brief statement describing your relevant research experience to the attention of Dr. Robert Sokol (c/o Caryn Volpe at cvolpe@med.wayne.edu).

Wayne State University is an equal opportunity/affirmative action employer.

