Head Statistician (Cohorts)

Singapore

WebsiteThe Agency for Science, Technology and Research (A*STAR)
The lead agency for fostering world-class scientific research and talent for a vibrant knowledge-based and innovation-driven Singapore

COMPANY PROFILE

The Agency for Science, Technology and Research (A*STAR) is Singapore’s lead public sector agency that fosters world-class scientific research and talent to drive economic growth and transform Singapore into a vibrant knowledge-based and innovation driven economy. For more information about A*STAR, please visit: www.a-star.edu.sg

DIVISION & RI / ENTITY PROFILE

Established in 2007, the Singapore Institute for Clinical Sciences (SICS) is a research institute within the Agency for Science, Technology and Research (A*STAR), and its mission is to develop clinical and translational research programmes in key disease areas.

SICS is distinguished by its focus on clinical sciences and the use of innovative approaches and technologies that enable the efficient and effective study of human health and diseases. The clinical scientists in SICS conduct the full spectrum of “bench to bedside” research activities in metabolic diseases (including diabetes, obesity and insulin resistance), pathways to normal growth and development (including cognitive and behavioural development), and nutritional sciences. The institute aims to attract, train and nurture clinician-scientists and to develop joint programmes with universities, academic medical centres, government hospitals and research institutes. For more information about A*STAR and SICS, please visit www.a-star.edu.sg and www.sics.a-star.edu.sg respectively.

JOB DESCRIPTION

Job Summary:

The incumbent will be responsible for the management of large and complex datasets, acquired through internationally important epidemiological studies. This includes liaison with Data Leads and Principal Investigators to ensure data quality. The incumbent will serve as gatekeeper for the databases and all data released to collaborators and colleagues. He/She will be part of the discussion about data handling and will provide statistical consultation for the design and analyses of the cohort’s studies.
Job Responsibilities:

- Oversee the databases infrastructures and the data acquisition/monitoring/cleaning process
- Ensure the data quality of the data by conducting systematic reviews and implementing innovative ways to explore and detect inconsistencies
- Work closely with the researchers and the operations group to design of the data collections forms and tools
- Provide statistical expertise for manuscripts, grants and scientific reports.
- Conduct independent research into women’s and children’s health using data from the cohorts
- Participate to the industry collaborations and international projects.
- Manage the data group to ensure task completion with timeliness and high quality

JOB REQUIREMENTS

- A PhD in Epidemiology
- Strong experience of biostatistics analyses, with expert knowledge of STATA and R, and databases concepts. Commitment to good practices in data management, statistics and clinical research.
- Experience in clinical research, study design and grant writing.
- Communication skills, especially to communicate statistical ideas to non-statistical colleagues.
- Excellent organization skills and attention to detail, to work quickly and efficiently with several projects
- Skills to manage team members, with respect to recruitment, career development, training, and technical assistance in statistics and data management

We welcome interested applicants to submit a full CV, a letter of motivation addressing the above criteria and contact details of two referees.

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