

Advertisement for Research Assistant



We are a non-profit multicenter initiative spearheaded at the National University of Singapore which aims at providing novel insights into the function of lipids that are involved in cellular processes underlying physiology and disease through Lipidomics. Lipidomics is a cutting edge multidisciplinary research discipline at the interface of lipid biology, technology and medicine.

In our rapid and exciting development to expand our research capacity, we are looking for personnel to provide IT support in the following areas:

- To maintain and administrate server operation for day to day laboratory operation
- To set up and administrate web services from our internal lab server
- To develop applications with the objective to facilitate, support and advance lipidomics research

Typical daily duties include ensuring that laboratory server systems are configured correctly, functioning normally, properly patched, proactively monitored, backed up, adequately networked, adequately secured and functioning to the satisfaction of their users. Candidate will also be task with important role translating bioinformatics research results into applications in the form of new databases and web services that will support lipidomics researches in the laboratory. In addition to that, candidate is expected to work as a team member on both large and small scale research projects with varying degrees of complexity.

Candidate should have the following qualities:

- Experience in setting up, maintaining & administrating server operations (including database services) and web services.
- Familiar in System administration & Network Security (Firewalls, Encryption methods and devices).
- In depth knowledge in technical know-how for trouble shooting problems in server operations.
- Competent in the following programming languages:
 - Perl, PhP, Python, C/C++ and SQL
- Good documentation skill is required, specifically for documenting system support procedure and other technical/server related documentations.

Qualifications:

- Bachelor holder in Computer Science/Computer Engineering
- Diploma holders with equivalent minimum 2-3 yrs experience in handling database, windows and UNIX server operations are welcome to try

Microsoft, UNIX and other Certifications Experiences are a plus.

Knowledge in life sciences and bioinformatics will be helpful but not required

Please send your electronic application including cover letter, resume, publication list and names of three references to: Dr Anne K Bendt, bchakb@nus.edu.sg.