

CAREER OPPORTUNITY

The Council for Scientific and Industrial Research (CSIR) is a leading scientific and technology research organisation, implementing projects throughout Africa and making a difference in people's lives.

Senior Researcher: Operations Research

About the job:

The CSIR has a vacancy for a **Senior Researcher: Operations Research** in the Transport Systems and Operations competence area within the Built Environment (BE) unit. The incumbent will provide technical support on research projects that require an in-depth understanding of operations research and associated models. The position requires an in-depth understanding of operations management, and in particular operations research, in the areas that include supply chain engineering, business process engineering and freight/passenger transport logistics. This position is based in Pretoria.

Key responsibilities:

- Lead operations research projects in the Transport Systems and Operations competence area;
- Select and apply appropriate operations research models in relevant research projects;
- Develop appropriate operations research models in relevant research projects;
- Systematic identification and selection of solutions sets for specific problems in transport management and operations;
- Write high quality scientific reports;
- Provide strategic support to the research group leader and the team;
- Mentor junior staff;
- Actively service strategic research alliances and liaise with clients across all levels.

Qualifications, skills and experience:

- A Master's degree in industrial engineering, operations research or equivalent;
- The successful applicant will be encouraged to register for a Doctoral degree as appropriate;
- At least ten years' working experience in operations research with any of the following as the main activities:
 - Supply chain engineering;
 - Business process engineering;
 - Freight and transport logistics;
 - Systems dynamics modelling; and
 - Statistical modelling.
- Ability to continuously disseminate research outputs in the form of technical papers;
- Basic project management skills;

- Must have strong analytical skills;
- Must have good communication, presentation and writing skills;
- Excellent research and report-writing skills;
- Must have the ability to work accurately, efficiently and independently as well as in a team;
- Must be self-motivated;
- Must be computer literate as well as the ability to understand and use specialised software;
- Might be expected to travel from time to time;
- Problem-solving, solution-seeking orientation.

Should you meet the above requirements, please email your CV to jobapplications@csir.co.za with your name and surname, position title and reference number in the subject line, **(eg. John Smith: Senior Researcher: Reference No: 307665)**

Closing date: 19 May 2017

PLEASE NOTE THAT FEEDBACK WILL BE GIVEN TO SHORTLISTED CANDIDATES ONLY.

For more info, please contact the CSIR Recruitment Centre on **012 841 4774** or email us at Recruitmentinfo@csir.co.za

*The CSIR is an equal opportunity employer. As such, it is committed to the Employment Equity Act of 1998. By applying for this position at the CSIR, the applicant understands, consents and agrees that the CSIR may solicit a credit and criminal report from a registered credit bureau and/or SAPS (in relation to positions that require trust and honesty and/or entail the handling of cash or finances) and may also verify the applicant's educational qualifications and employment history. **The CSIR reserves the right to remove the advertisement at any time before the stated closing date and it further reserves the right not to appoint if a suitable candidate is not identified.***