



## Example of Specialist, Research Job Description

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Our growing company is looking to fill the role of specialist, research. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don't fill all of the qualifications, you may still be considered depending on your level of experience.

### Responsibilities for specialist, research

- Oversight of equipment maintenance in the lab and on the field-site, identification and implementation of operational/procedural improvements, and oversight of maintenance staff and students assigned to laboratory, greenhouse, field site outdoor cultivation and downstream processing operations
- Work collaboratively with internal faculty and research staff and visiting scientists and our testbed clients
- Conducts experiments, using various tests, routines and analyses where procedures are clearly defined and results readily determined
- Conducts library searches to find research information on related procedures and techniques that can be used in the laboratory and/or field
- Operates laboratory and experimental equipment such as microscopes, drying ovens, spectrophotometers, centrifuges, analytical balances, water quality monitoring sensors, gel electrophoresis, electric and gas powered transfer pumps, power washers
- Performs minor repairs on equipment and makes arrangements for major repairs to be performed
- Work closely with study faculty investigators to ensure the highest quality research
- Hire and supervise student and hourly employees
- Write and edit research manuals and reports
- Recruit and schedule research participants

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- Demonstrated knowledge of the effects of environmental factors (temperature, pH, O<sub>2</sub>, CO<sub>2</sub>, nutrients, irradiance, ) on algal physiology and productivity
  - English language at an intermediate level
  - Assess research participants
  - Manage data files
  - Candidates should be flexible to work in night shifts (Timings might vary according to Business requirement
  - Manage laboratory and field work, including protocol development and implementation