

CV#40000177

Saint John of God Health Care, Osborne Park Laboratory, Osborne Park.

Dear Sir/Madam,

BSc (BiolSc) (BiomedSc)

7th August 2015

Re: Medical Scientist, Microbiology, Reference No. 12205 advertised on-line at the SJOG website.

I have a great regard for your organisation and I would consider it a real privilege to join your team and apply my skills in biomedical physiology, histology, and molecular biology as an integral part of your Microbiological Pathology Department. I hold a Bachelors degree in Biological Science and Biomedical Science, and I am highly confident that I will bring a constructive and positive influence to your caring and professional organisation. I am highly motivated with much to offer to your facility and my every focus will be toward the quality and service to the people we aim to help. I have a caring and empathetic nature with a joyful character with an incredible will to learn and I will be looking forward to joining your team bringing a dedicated, productive and professional work ethic and attitude.

Based on my examination of your Position Description, I have an extensive range of applicable skills that are relevant to your needs:

- I hold the mission of SJOG Hospital and its principles with great respect and I will ensure its message is central at all times.
- A passion for quality histology with high-level microscopy skills.
- Experimental and clinical practical experience with bacteria, viruses, mycoplasma, fungi etc. and much laboratory experience with mycology, haematology, coagulation, biochemistry and endocrinology among others providing me with the skills to perform specimen processing.
- Observing and instructing members effectively in laboratory procedures and proper use of laboratory equipment through good communication and safe practice.
- A team driven focus but comfortable in independent analyses.
- Extensive and wide-ranging computer skills including MS Word, Excel and PowerPoint with oral presentations numbering in the many.
- Use of Bio-informatics e.g. "Geneious".

- Ability to perform administrative work such as keeping and maintaining records of stocks, and inventory and ensuring quality control procedures and protocols are diligently adhered to.
- Completed Curtin University staff training modules in 1) Occupational Health and Safety Induction, 2) Code of Conduct, 3) Equal Opportunity and 4) Information Management providing me the knowledge for confidentiality of information at all times and I hold such information with its due respect.
- A keen eye for detail with a need to uphold the highest standards in all regards.
- Extensive experience in an array of laboratory procedures such as applying aseptic technique or conducting H&E, Ziehl-Neelsen or Gram staining.
- Practical experience in an array of molecular techniques such as Colony PCR, DNA extractions, Immunoassay ELISA screening, Immunohistology, Immunofluorescence, Northern/ Southern/Western blotting, Agarose Gel Electrophoresis and more.
- Experience in a role as a supervising demonstrator for first year students in Cell and Environmental Biology.

I will be looking forward to contributing to your pathology department and making advances in combating and diagnosing disease through the development of methodologies, histological and microbiological examinations and the optimisation of laboratory practices.

I would bring to your attention that I was a passenger in a motor vehicle accident in 1992 leaving me with paralysis of my left arm. However, this has never stopped me from achieving any goal I have set myself. It has given me outstanding problem solving skills and the ability to adapt to any situation from becoming a "Professional Association of Diving Instructors" (PADI) certified Recue Diver with multiple specialties, applying aseptic technique or a myriad of other seemingly undoable tasks. But please be assured that in my 23 years experience with adapting to any situations (physical or mental) I very rarely discover an unbeatable task.

I am excited at the prospect to be a part of your pathology team and I offer a fresh, motivated, and passionate Medical Scientist. I would welcome the chance to meet with you to talk about how my specific skills, education and experience would be beneficial for to SJOG pathology team. Please feel free to call or e-mail me in order to plan a meeting time that will best match your timetable.

I greatly look forward to speaking with you further and I thank you for your time and kind consideration.

Yours Sincerely,

CURRICULUM VITAE

PROFILE

Murdoch graduate with a bachelor of science, majoring in biological science and a minor in biomedical science. Demonstrates microscopy fluency (light, dissecting), consistently exercises extensive laboratory skills, and very strong problem solving abilities.

Knowledgeable on the fundamental disciplines in: anatomy, physiology, biochemistry, and histology; in addition, the application of this knowledge to the paraclinical disciplines of: pathology, microbiology, immunology, pharmacology, molecular genetics, and bioinformatics.

Well versed in the principles of pathology, including all the key 9 basic pathological processes: circulatory disturbances, acute inflammation, chronic inflammation, healing and regeneration and repair, necrosis and calcification (cellular degeneration and death), adaptive tissue responses, storage diseases and pigments and infiltrates, neoplasia, and developmental defects and teratology. Identifies all of these processes by: naked eye, microscopic, and molecular levels.

Particular interest in the fields of: molecular biology, biomedical science, biological science, and marine and environmental sciences; with the purpose of increasing the health and well-being of individuals and the community.

OBJECTIVE

Seeking a Medical Scientist, Microbiology position with SJOG Pathology Laboratories allowing me to utilise my knowledge and skills in the processing of specimens within the Pathology division and to undertake all other laboratory duties required whilst always increasing my professional experience. I will utilise my skills, abilities and experience to ensure the success and productive application and development of approved techniques and procedures.

Specifically to the Microbiology position with SJOG, I wish to apply my current skills and knowledge to diagnostically examine microbiology specimens and I am looking forward to being proactively involved in the continual wealth of modern day technology in the techniques to improve processes and procedures including the optimisation of new laboratory protocols for the examination of specimens. I will contribute and commit to ongoing professional

development opportunities with SJOG and to provide consistent contributions in contemporary practices and principles to develop critically advanced processes and procedures in the examination of microbiological specimens.

I have a very real desire to help individuals and the community in the course of my duties and to have the opportunity to be exposed and involved increasingly with individuals in need and this, I am sure will have an exponential effect on me.

KEY STRENGTHS

- Over 6 years experience in a university laboratory setting demonstrating the ability to operate all laboratory equipment and processes with occupational health and safety as a priority.
- 23 years of active problem solving skills.
- An acute eye for detail and incredibly willing to learn, teach and apply scientific practices.
- Skilled in preparing and conducting scientific experiments and preparing high quality reports and presentations.
- Fluent in microscopy and able to identify processes by naked eye, microscopic observation and at molecular levels.
- In-depth knowledge of histology and histological processes and experience in diagnosing pathological conditions.
- Able to perform highly advanced microbiological, cellular molecular techniques and to prepare reports accordingly.
- A thorough understanding of aseptic technique.
- Experience in cryopreservation and proper handling of hazardous chemical and biological agents.
- Extensive Microsoft Office Word and PowerPoint skills and satisfactory Excel skills.
- Planning/Designing experimental procedures for Research Projects.

EDUCATION QUALIFICATION

July 20 - Dec 2013 Murdoch University - Bachelor of Science

Major: Biological Science Minor: Biomedical Science

Jan 1995 - June 1995 Rossmoyne TAFE Centre - Language Fluency A1

Japanese

EMPLOYMENT HISTORY

Jan - Dec 2000 Australasian Diving Academy, Nedlands, WA

- Equipment Maintenance, Retail Assistant

Jan 1996-Nov 1999 Better Earth Garden and Landscape Supplies, Greenwood, WA

- Manager (part-time), Retail /Commercial Sales Service and Landscape service (full-time)

Jan 1989 - May 1992 Turbine Components Australia, Canning Vale, WA

- Instructor and Process Worker in highly skilled precision turbine blade manufacture for Pratt and Whitney, Boeing and General Electric jet engines

ACCOMPLISHMENTS

July 1998 PADI CERTIFIED: Rescue Diver

Pre-1998 PADI ADVANCED SPECIALIST in Wreck, Deep and Search and Recovery Diver Certificates

All certifications achieved in my post-injury state. i.e. one arm only.

SELECTION CRITERIA

ESSENTIAL

- Ability to work within and contribute to the Mission/Values of the St John of God Health Care.

I hold the mission of SJOG Hospital and its principles with great respect and I will ensure its message is central at all times. I have personal values of caring, integrity and confidentiality and I am greatly looking forward to engaging with staff and, where appropriate, patients to witness the good our help does.

- Bachelor of medical science or equivalent and eligibility for membership of the Australian Institute of Medical Scientists (AIMS).

I hold a Bachelor of Science in Biological Science and Biomedical Science from Murdoch University (2013) which qualifies me for the eligibility criteria required for the eligibility for Membership of the Australian Institute of Medical Scientists.

- Demonstrated knowledge of clinical microbiology and laboratory procedures

I have worked on hematological processes such as erythrocyte or iron-deficiency anemias and in cases of varying vascular disturbances and I have identified abnormalities of haemostasis with applied coagulation cascade tests (aPTT, PT and TT). I have utilised equipment such as haematology and coagulation analysers and prepared blood smears for microscopic examination. I have practical experience in the assemblage of blood samples for analysis of morphology, cell count, and blood typing/grouping for the determination of blood transfusion compatibilities. I am also able to process pathology samples at specimen reception as well as administer client data and blood test codes into associated laboratory software. I am effectively able to do the tasks outlined in the performance criteria and I can manage the tasks and contingencies required as a Medical Scientist. .

- Effective verbal and written skills.

Multiple scientific experiments all of which required written reports to be submitted giving me the skills to be able to write in the standard scientific method which would be required to publish in the relevant scientific journals.

Multiple assignments required group or individual projects which required an oral presentation.

- Ability to solve problems, or seek help from appropriate resources

I have always enjoyed using my lateral thinking mind to try and develop new strategies or more efficient methods to carry out experiments and will always work with my colleagues to always make improvements. I am always keen to learn and professional development programs will be at the forefront of my mind.

- A commitment to personal ongoing education and professional development

In my history dating back to ~1998 I decided to begin my professional studies and career. I have continually sought to improve myself to satisfy my need for knowledge and this has translated into the person I am today. I know will always need to improve myself and I have dedicated myself to a life as a professional and my next step is to graduate as a good and productive Medical Scientist.

- Strong written and oral communication

Multiple scientific experiments all of which required written reports to be submitted giving me the skills to be able to write in the standard scientific method which would be required to publish in the relevant scientific journals. Multiple assignments required group or individual projects which required an oral presentation.

- Practical experience and competency in a microbiology laboratory

I have current and contemporary knowledge in most aspects and I look forward to ongoing professional development in the techniques of identifying and treating immunological pathologies, as well as always seeking improvements in existing diagnostic histopathology and cytopathology procedures.