POSITION:
CLINICAL SKILLS AND SIMULATION TECHNICIAN,
RCSI DUBLIN

EDUCATIONAL EXCELLENCE IN SURGERY MEDICINE PHARMACY PHYSIOTHERAPY NURSING & MIDWIFERY RESEARCH LEADERSHIP POSTGRADUATE STUDIES SPORTS & EXERCISE MEDICINE DENTISTRY RADIOLOGY
1. Job Description

Job Title: Clinical Skills & Simulation Technician

Reporting to: Reporting to the Head of Department or nominee

Term of office: Permanent

We are looking for a highly motivated individual for the role of Clinical Skills & Simulation Technician in our Health Professions Education Centre. The successful candidate will coordinate daily operations, assisting faculty in the running of training scenarios and utilization of RCSI's simulation equipment at our St Stephen's Green campus and at RCSI's Education & Research Centre, Beaumont Hospital. The technician will prepare, operate and maintain the anatomic models, task trainers, and full-body computerized patient simulators, set-up rooms for simulation course training, and assure the efficient operation of the programs. The technician will also support the day to day running of the RCSI simulated patients programme.

The Clinical Skills & Simulation technician will provide technical support for all simulation operations including, but not limited to, course preparation, course cleanup, maintenance and repair of human patient simulators and associated computers/software, task trainers, simulation AV system, departmental specific databases, and related multimedia peripherals.

In order to provide effective and efficient services it is expected that the successful candidate be flexible in terms of hours of work.

1.1. Specific Responsibilities include:

- Provide resources to the Masters in Surgery (MCh) course as it has expanded
- Ensure the successful operation of all technical aspects of the simulation training while maintaining the skills laboratories at the highest possible readiness level.
- Act as a key point of contact for simulation equipment and resolve requests pertaining to equipment, and training scenarios.
- Ensure all equipment is setup and working correctly prior to simulation training sessions.
- Conduct ongoing maintenance of all simulation equipment, including cleaning and repairing, assuring that all equipment is maintained and in good working order at all times.
- Maintain accurate inventory of equipment, including equipment which has been lent or moved location for a teaching event.
- Ensure the appropriate consumables are available for all teaching/examination events and maintain an accurate inventory of supplies required for each event.
- Provide recommendations for budgeting and purchase of equipment, supplies and materials.
- Assist in the ordering of new equipment and supplies.
- Interface with equipment manufacturers regarding equipment troubleshooting and system problems. Maintain record of repairs required and completed. Maintain relations with medical modelling and simulation companies’ for Technical Support
- Track and log simulation specific software licenses and maintenance contracts
- Acquire and maintains skills and knowledge of simulation equipment catalogues and operation manuals
- To provide other support to the academic lead, including the preparation of reports and presentations and assisting with effective gathering, collation and dissemination of data and statistics.
- Participate in technical training as necessary
- Be flexible and responsive to the needs of staff and students.

1.2. **Person Specification:**

- Bachelor’s degree in related field (e.g. Nursing or other health related discipline) or equivalent combination of education/experience in clinical simulation and/or information technology.
- Experience with health related learning technology/simulation would be an advantage.
- Be accomplished in using Microsoft Office suite (Word, Excel, Powerpoint, Windows Media, etc.) and have the ability to troubleshoot basic hardware/software issues. Experience with statistical software package (ie. SPSS) would be an advantage.
- Team Player - works collaboratively with others to maximise individual and team effectiveness in order to achieve required service levels.
- Customer focused
- Excellent interpersonal skills
- Good written and verbal communication and reporting capability
- Excellent organisational skills and the ability to demonstrate initiative
- Learns quickly and responds effectively to changing operational needs and circumstances.
- Solving every-day student and staff issues by quickly identifying possible corrective measures and recommending/selecting the best solution.

1.3. **Particulars of Post**

Informal enquiries can be made through Mr. Gary Brady, Human Resources Department on +353 (1) 4022341 (email: garybrady@rcsi.ie)
2. About RCSI

Established in 1784, the Royal College of Surgeons in Ireland (RCSI) is an independent, not-for-profit, health sciences institution with a unique international perspective from its headquarters in Dublin to its presence on three continents. Its original purpose was to train surgeons and set national standards for surgery in Ireland. Today RCSI has a wide portfolio of undergraduate and postgraduate academic and professional courses. Its undergraduate medical school is the largest in Ireland. In Dublin RCSI educates a substantial cohort of international students, alongside Irish and other EU students. To remain competitive in an international market by providing an internationally recognised and respected medical and health sciences qualifications and careers, RCSI continually invests in educational standards, innovation and facilities.

2.1. Our campuses

More than 60 countries are represented in RCSI’s international student body.

* In **Dublin** there are over 3,000 students from approximately 50 countries, and approximately 900 staff. RCSI is based in the heart of Dublin city – a unique city centre campus in one of Europe’s capital cities. The College has a strong international presence with Schools in Bahrain, Malaysia and Dubai.

* In **Bahrain**, the College established a medical university - the RCSI Medical University of Bahrain (MUB) – in 2004. It provides a full spectrum of undergraduate courses in Medicine and Nursing, and postgraduate studies in Nursing, Healthcare Ethics and Law and Healthcare Leadership to over 1,200 students annually. Students come from Bahrain, the Gulf Region and beyond.

* In **Dubai** RCSI's Institute of Leadership run postgraduate courses in healthcare management and leadership for experienced healthcare professional staff.

* In **Malaysia**, RCSI runs Penang Medical College in association with University College Dublin, since 1995. This is a ‘twinning’ model where mostly Malaysian medical students complete the first half of their training in Ireland and then return to complete their studies in Penang, to an Irish curriculum. In 2013, the College celebrated the 1,000th medical student graduating from this programme. From 2011, RCSI extended its’ long-standing educational involvement with Malaysia when it established an undergraduate medical programme in Kuala Lumpur, as a partner to Perdana University. The first group of students, availing of the RCSI curriculum and RCSI specialist academic staff members, commenced in Autumn 2011.

* Graduates of medicine across all of RCSI’s campuses complete rigorously evaluated programmes that allow for a common degree award of the National University of Ireland.
3. RCSI Today

3.1. Undergraduate Education

The medical school in RCSI is one of the world’s leading international medical schools. Its curriculum is international as is attested to by the fact that it is accredited by medical and educational regulators in Europe (Ireland), Middle East (Bahrain) and the Far East (Malaysia). RCSI runs the traditional European format undergraduate programme of 5 years (6 years if a pre-medical year is needed) and also runs Ireland’s first graduate entry programme (a four year programme based on the North American medical education model). A bespoke foundation programme (the Medical Commencement Programme) is also provided to high achieving international students who need to further develop their professional English language and/or basic sciences skills before commencing medical training.

RCSI also provides undergraduate courses in pharmacy, physiotherapy and nursing. In Dublin, RCSI provides a three or four year Pharmacy degree (depending on intake qualifications) followed by a required one year internship (MPharm). RCSI is the current national provider of the MPharm in Ireland, i.e. all Pharmacy graduates in Ireland complete their MPharm at RCSI. A similar three or four year programme is provided in Physiotherapy. A four year undergraduate Nursing programme is provided in RCSI Bahrain, with Nurse Bridging Programmes delivered in both Dublin and Bahrain to nurses who have qualified previously through diploma level programmes and wish to progress to complete a degree in nursing.

3.2. Postgraduate Training

RCSI delivers postgraduate education and professional training through the School of Postgraduate Studies and the Institute of Leadership; through its Faculties of Radiology, Dentistry, Nursing, and Sports & Exercise Medicine; and through the National Surgical Training Centre. Postgraduate degrees provided include taught masters programmes such as Healthcare Ethics and Law, Surgery, Nursing and Quality and Safety in Healthcare. It also provides research-focused MDs and PhDs, with many of the doctoral students working through structured PhD programmes in Biomedical Sciences and Population & Health Services Research. RCSI provides the national training programmes for specialties such as Surgery and Radiology. It also provides opportunities for continuous professional development and for meeting ongoing professional and regulator training needs. RCSI’s unique portfolio of involvement in undergraduate and postgraduate health professional education and training means that aspects pertinent to one part of the professional career can be matched to aspects in another (e.g. targeting early training to clinical and academic needs of later aspects of careers).

3.3. Research Institute

The RCSI Research Institute is one of Ireland’s foremost research centres. RCSI is committed to performing high levels of research activity, to commercialising intellectual property arising from its research, and to developing collaborative links with industry, educational and research institutions both nationally and internationally. Reflecting its unique healthcare focus, its research theme is Translational Health Research: - “from bench to bedside to population”. RCSI built Ireland’s first hospital campus Clinical Research Centre in 2000, alongside Beaumont Hospital, its main teaching hospital in Dublin. This supports its translational focus, and provides ready opportunities for clinician-based research studies.
4. Strategic Plan

RCSI holds a distinctive position in the Irish HEI landscape with a number of unique attributes:

- A singular focus on healthcare education and research.
- An unrivalled international presence in healthcare education.
- A long-standing engagement in life-long learning, as the national agency responsible for surgical and other postgraduate specialty training.
- A strong record of innovation in teaching and learning, focused on a high quality student experience.
- A distinctively entrepreneurial culture, by virtue of the need to be self-sufficient in an international marketplace, and as a not-for-profit organisation, with minimal dependence on the State.

4.1. RCSI Mission

“To educate, nurture and discover for the benefit of human health”

“To educate” The primary function of RCSI is to empower and facilitate its students, to optimise their futures as healthcare professionals and scientists.

“The central task of education is to implant a will and facility for learning; it should produce not learned but learning people” ~Eric Hoffer

“nurture” RCSI aims to do more for its students than impart knowledge. We aim to care for, encourage, challenge and motivate them to realise their full potential.

“and discover” RCSI’s aspiration is to deliver impact in research which, coupled with education, is at the core of RCSI activities.

“for the benefit of human health” The end beneficiary of the College’s work in education and research are people and patients everywhere. The term “human health” is all-encompassing and sufficiently conveys RCSI’s aspiration to advance healthcare provision not just at its bases nationally but also globally through its graduates and its research.

4.2. RCSI Vision

“To be recognised internationally as a leading centre for professional education, research and innovation in healthcare”

“recognised internationally” RCSI’s ambition is to be a globally identifiable respected brand by its peers in third level education, its clinical partners and employers of its graduates and prospective students

“a leading centre” RCSI aims to be synonymous with excellence as measured by the strength of student demand, the quality of its graduates and the impact of its research

“for professional education, research and innovation in healthcare” RCSI curricula are outcome focussed. Graduates are ready to perform to the highest professional standards and RCSI research is impactful – achieving high levels of citations by others.
4.3. RCSI Values

RCSI’s shared values will be reflected in all College policies and procedures, to create an environment of trust and mutual understanding.

The core RCSI values are:

Respect – we commit to transparency, integrity and respect for all persons who engage with RCSI - students, staff, patients and the general public.

Collegiality – we provide a nurturing, social and inclusive community conducive to collaboration, and development.

Scholarship – we provide a stimulating and challenging environment that promotes excellence in teaching and learning.

Innovation – we foster a culture of discovery to create research with impact and an entrepreneurial energy, balanced with disciplined financial stewardship to secure our independence.

5. Governance Structure

RCSI is governed by a Council. As it is both an independent degree-awarding institution and a surgical Royal College, two high-level boards govern these domains of activity in parallel (as depicted below):

- The Medicine & Health Sciences Board (MHSB) is the governing body responsible for all degree-awarding educational activities of RCSI
- The Surgical & Postgraduate Faculties Board (SPFB) is the governing body responsible for the postgraduate training, competence assurance and professional examination activities of RCSI