



CHIEF RESEARCH OFFICER

JOB & PERSON SPECIFICATION

SEPTEMBER 2020

Position:	Chief Research Officer
Reporting to:	Chief Executive Officer
Direct reports:	8
Contract period:	Up to 5 years
Hours of work:	Full Time
Probation period:	12 Months
Location:	Adelaide, Lot Fourteen, SA 5000 (Other locations may also be considered)

The SmartSat CRC

The SmartSat CRC is a consortium of universities and other research organisations, partnered with industry that has been funded by the Australian Government under the CRC program to develop know-how and technologies in advanced telecommunications & IoT connectivity, intelligent satellite systems and next generation earth observation sensors & analytics.

The impact of this research will be to develop intellectual property and specialist industry ready expertise that will spawn new businesses, create export economic value and generate new high-tech jobs for all Australians.

Our Vision

To be recognised as the leading contributor in transforming Australia's space innovation ecosystem for our future prosperity.

Our Mission

To conduct translational research which creates game-changing technologies and generating know-how that will make our industries more competitive and future-proof the jobs of all Australians

Our Values

Our values will guide how we behave and the culture that we will build in the SmartSat CRC

- **Excellence & Impact** – We will conduct excellent and impactful research that creates commercial value for our partners and benefit our nation;
- **Innovation & Agility** - We will innovate in all of our activities, adapt to market changes and respond rapidly to our stakeholders' requirements in a productive and cost-effective way without compromising excellence and impact;
- **Collaboration** - We recognise that through collaboration we can achieve better outcomes for SmartSat and through intense collaboration can deliver more for Australia than our partners could do alone;
- **Integrity** - We are committed to the highest standard of openness, transparent accountability and ethical behaviour in all that we do; and
- **Diversity & Inclusion**- We celebrate diversity and acknowledge differences in gender, generations, geography & culture.

Position Purpose

The Chief Research Officer provides high-level leadership, and operational direction in delivering on SmartSat's research vision. They will work closely with the Research Program Directors, Theme Leaders, and end-user advisory Boards at all stages of research projects.

They will provide support to the CEO and Management Team in their leadership in developing and facilitating interdisciplinary research within SmartSat by actively engaging with government, industry, and academic organisations. The Chief Research Officer will have a hands-on role in leading and managing the SmartSat Research Program to promote the Centre as a provider of research excellence in the areas related to the SmartSat research and education program.

Reporting Relationships and Key Stakeholders

Reporting to the Chief Executive Officer, the position will also work closely with:

- The SmartSat CRC Executive;
- Research Program Directors;
- Theme Leaders;
- Higher Education Director
- Industry Director;
- Research Program Managers;
- Professorial Chairs
- SmartSat CRC Participants; and
- External Stakeholders.

Key Responsibilities

1. Partner with the CEO and the Executive to ensure delivery of the strategic plan and realise the SmartSat vision;
2. Work with the Executive, End-user advisory boards, industry and research providers to shape the research program and its impact missions;
3. Foster a culture and environment of innovative research excellence through the development of research teams and translational research projects;
4. Provide research and administrative leadership within SmartSat by participating in the development and delivery of policy and strategy;
5. Lead the Research Program Directors, Theme Leaders and the Research Program Managers to develop projects that will ensure that the outputs and outcomes of the Commonwealth Agreement are realised and deliver good cross-program integration;
6. Progress projects through the approval process, including major projects to SmartSat Board consideration.
7. Support the formulation of ideas for new projects by engaging stakeholders and understanding end-user needs;
8. Identify and assist in the mitigation of project risks and minimising uncertainty;

9. Work with the Director (Defence), the Industry Director and the Test & Validation Director to ensure the integration of projects to develop experimental 'missions' for testing and validation of new technologies;
10. Work with relevant stakeholders to ensure that the utilisation & commercialisation path is clear, achievable and focused on end-user needs;
11. Lead/Manage/Guide Professorial Chairs to contribute Commonwealth milestones and the cross domain program.
12. Assist the CEO to maintain open and consistent channels of communication with end users, stakeholders and the research team;
13. Advise and mentor Project Leaders and other research staff;
14. Assist the Education and Training Directors in the identification of Higher Degrees Research (HDR), Undergraduate and STEM student projects and internships in SmartSat's International Internship Program;
15. Foster existing and new strategic relationships with industry, government agencies and other research organisations;
16. Provide oversight of research quality and report on outputs; and
17. Undertake other duties consistent with the project conception, design, approval, reviews and variations of the SmartSat projects as required.

Professional Competencies & Attributes

- **Business acumen** – A thorough understanding of business drivers, and an overall big picture understanding. Demonstrates a thorough knowledge of wider business and economic issues. Demonstrates a high level of awareness of organisation issues in own area or speciality;
- **Analytical thinking** – Highly developed analytical thinking based on best practices, sound judgement and experience. Assimilates, evaluates, adapts and makes best use of available information;
- **Political awareness** – An understanding of internal structures and an ability to influence others;
- **Diversity & Inclusion** – An understanding and commitment to Diversity and Inclusion; and
- **Interpersonal skills** – Excellent written and verbal communication skills. Communicates with impact, using appropriate communication techniques. Ability to communicate effectively at all levels of an organisation. Effectively networks across the university and industry sectors.
- **Values** – Demonstrated commitment to SmartSat CRC's values.

Qualifications and Experience

1. A PhD in a discipline related to the SmartSat research foci;
2. At least 5 years' experience (or equivalent) of senior research leadership in space R&D or in higher education sector or other research environment with a space or space-related focus;
3. Demonstrated ability to collaborate with senior research leaders and researchers as well as administrative staff;
4. Demonstrated ability to evaluate opportunities and innovative ideas and to discern the value proposition of these;
5. Demonstrated ability to prioritise tasks and work under pressure to meet deadlines with minimal supervision;
6. Knowledge of and experience in project management;
7. High level of understanding and expertise in the SmartSat research areas;
8. Capability in research leadership and research program management;
9. Demonstrated expertise in research administration;
10. High level written and oral communication skills;
11. Experience in artificial intelligence and/or cybersecurity is preferred; and
12. Experience working in a Cooperative Research Centre is desirable.

Personal Qualities & Attributes

1. Understands, interprets and responds clearly to others;
2. Ability to work independently, cooperatively and effectively in a team environment with tact, diplomacy and ability to interact with and motivate others;
3. Ability to develop relationships based on honesty, integrity and trust;
4. High level interpersonal skills and customer relationship building skills;
5. Commitment to excellence, innovation and continuous improvement, demonstrating a commitment to on-going learning and development;
6. Ability to communicate with stakeholders at all levels;
7. Demonstrates flexibility in approach to work and workloads;
8. Maintains high work standards, minimising errors, monitoring results and acting on problems;
9. Continually strives to improve efficiency and effectiveness;
10. Ability to hold or secure a Negative Vetting Level 1 security clearance; and
11. Aligns behaviour with the needs, priorities and values of the SmartSat CRC.



HOW TO APPLY

Applications should be addressed to Justin Hinora and Trish Retallick. Please visit henderconsulting.com.au to apply.

For a confidential discussion, please call +61 8 8100 8827.

Please Note

Your application will be automatically acknowledged by a return email.