



Position Details

Advertised Job Title:	Senior Research Scientist - Sensory Science
Reference Number:	IA11/00010
Classification:	CSOF6 / CSOF7
Salary Range:	\$99K to \$132K (plus up to 15.4% superannuation)
Location:	North Ryde, NSW
Tenure:	Indefinite
Relocation Assistance:	<input checked="" type="checkbox"/> May be provided to the successful candidate or <input type="checkbox"/> No not provided
Residency Status:	<input type="checkbox"/> Australian Residents Only or <input checked="" type="checkbox"/> Open to International Residents

Role Overview:

CSIRO is seeking to make an important appointment of a Senior Research Scientist with an excellent reputation in Sensory Science. The position is within CSIRO's Sensory and Consumer Science Team, within the Behaviour and Sensory Sciences Research Group, which has capability and facilities to research flavour and texture perception, consumer food acceptance and food choice, with an emphasis on eating behaviours.

In this role, you will have the opportunity to:

- Formulate, plan and conduct sensory science research, with an emphasis on innovative approaches, which will lead to scientific achievements that are consistent with CSIRO organisational goals.
- Anticipate industry and public health / community needs through client liaison and networking.
- Work with the Sensory and Consumer Science Team to implement strategies to maintain and develop leading edge science capability.
- Manage resources efficiently, including staff, facilities and equipment, and be accountable for delivery of projects outcomes on time and within budget.
- Encourage teamwork, creativity, commitment and co-operation.
- Build and maintain collaborations, and draw upon the knowledge and expertise of colleagues, within CSIRO and in the wider scientific community to bring about new opportunities to sensory science research.
- Communicate research results to clients and to the scientific community through oral and written reports, and where relevant advise policy makers, prepare documentation for patents, and transfer knowledge to non-scientific audiences.

CSIRO's Food and Nutritional Sciences is unique in being able to work on food-related issues across a spectrum of areas from food production on farms, its processing and manufacture and its

relationship to health and nutrition. This Division delivers sciences to a range of large-scale projects, many of which fall within the two flagships: [Food Futures](#) and [Preventative Health](#).

The capability is focused on understanding lifestyle behaviours, the sensory properties of foods and factors that lead to food choice, acceptance, intake, and enjoyment, and how these interact with lifestyle and health. To use this knowledge to guide new food product development and to evaluate diet and lifestyle intervention programs. Our ultimate goal is to undertake science which will inform the public and private sector on strategies which may increase the health and wellbeing of Australians and decrease health costs.

Duties and Key Result Areas:

- Provide high level expertise in sensory and consumer science experimental research, data analysis and interpretation.
- Conceive, develop and manage research projects relating to sensory and consumer science with both a new food product development and a public health nutrition focus.
- Identify and secure grants and other external funding to support research initiatives.
- Develop and maintain effective relationships and alliances with appropriate research partners, government agencies and industry.
- Ensure that project staff understand their responsibilities and obligations in terms of OHS & E and comply with relevant policies and procedures.
- Publish research findings in high impact peer reviewed scientific journals.
- Communicate research results within CSIRO, the wider scientific community, public and private health sector.

Key Capabilities

- A PhD in Food Science, Sensory Science, or Psychology, with several years experience in underpinning and / or applied sensory science and consumer science research.
- Proven people and project leadership and management experience.
- Demonstrated ability to plan, undertake and manage research projects that deliver agreed outcomes on budget and within specified time frames, including allocation and management of project staff and resources.
- Demonstrated a considerable degree of originality / creativity and innovation in solving problems and in introducing new directions and approaches.
- Ability to capture scientific conclusions in a coherent form and prepare scientific papers for publication in leading peer review journals.
- Evidence of personal initiative and self motivation.
- Excellent communication skills, both written and oral, to effectively promote and present research outcomes to industry and to the scientific community, including preparation of scientific papers for publication in leading peer review journals.

Selection Criteria:

Please note: Under CSIRO policy only applicants who meet all the essential criteria can be appointed

Essential Criteria:

1. Relevant scientific experience

- Tertiary qualified in a field relevant to sensory science at PhD level with specific experience/qualifications in sensory science.
- A demonstrated aptitude for independent research and the ability to undertake and successfully complete complex, multidisciplinary research projects.
- Evidence of advanced sensory science research skills.
- Proven record of science achievement in a relevant research area demonstrated by a solid publication history, conference presentations, and scientific standing.

2. Science Leadership

- Proven record of research leadership as demonstrated by leading projects, generation of new ideas, scientific standing and successful research outcomes or technology transfer for commercial or public benefit.
- Proven record of successful collaborations either within or across disciplines and between organizations.
- Demonstrated ability to mentor and facilitate development of research staff.

3. Project Leadership

- Proven project leadership skills highlighting experience in planning, allocating and reviewing resources within a project to ensure science impact and client delivery
- Demonstrated aptitude to apply project management practices that encourage teamwork, creativity, commitment and co-operation.
- Proven ability to manage resources efficiently, including staff, facilities and equipment.
- Appreciation of and commitment to the handling of sensitive scientific and technical information, and principles of confidentiality, Health, Safety & Environment (HSE) and Diversity in the workplace.

Desirable Criteria:

1. Specific expertise in the perception of texture during oral processing of food.

Or

2. Specific expertise in the role of sensory perception in food choice and eating behaviours that have a public health focus.
3. Existing collaborative relationships and networks in sensory and consumer science.

CSIRO is a values based organisation. In your application and at interview you will need to demonstrate behaviours aligned to our values of:

- Integrity of excellent science
- Building trust and respect each day
- Initiative to explore new horizons
- Delivering on commitments
- Safety and sustainability

Other Information:**How to Apply:**

Please apply for this position online at www.csiro.au/careers. You may be asked to provide additional information (online) relevant to the selection criteria. If so, then responding will enhance your application so please take the time to provide relevant succinct answers. Applicants who do not provide the information when requested may not be considered.

If you experience difficulties applying online call 1300 301 509 and someone will be able to assist you. Outside business hours please email: csiro-careers@csiro.au.

Referees:

If you do not already have the names and contact details of two previous supervisors or academic / professional referees included in your resume/CV please add these before uploading your CV.

Contact:

If after reading the selection documentation you require further information please contact David Cox by email at david.cox@csiro.au or by phone at (08) 8303 8811.

Please do not email your application directly to David. Applications received via this method will not be considered.

About CSIRO:

Australia is founding its future on science and innovation. Its national science agency, CSIRO is a powerhouse of ideas, technologies and skills for building prosperity, growth, health and sustainability. It serves governments, industries, business and communities across the nation. Find out more!
www.csiro.au