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POSITION DESCRIPTION

Postdoctoral Fellow

Position Level

Level B

Faculty/Division

Business

Position Number

ADMIN ONLY

Original document creation

June 2021

Position Summary

The position is based within the AGORA Centre for Market Design at UNSW, see <https://www.agora.group/>.

The Postdoctoral Fellow will undertake collaborative and self-directed research on developing novel solution concepts in game theory, including models of bounded rationality. One specific goal is to characterize the resulting solution sets using advanced mathematical techniques. A broader goal is to derive more realistic models of behaviour in strategic situations and incorporate the insights into the design of more robust institutions.

The role of Postdoctoral Fellow reports to AGORA's Director, Scientia Professor Jacob Goeree.

Accountabilities

Specific Accountabilities for this role include:

- Develop novel mathematical models of behaviour in strategic settings independently, and as part of a team.
- Collaborate on testing these alternative solution concepts in controlled laboratory experiments
- Contribute to the writing of scientific papers
- Publish in top field and general-interest journals
- Present research at national and international conferences
- Assist with the coordination of research activities such as organizing workshops and minicourses
- Perform research collaboratively and individually
- Liaise with other investigators at AGORA and UNSW
- Jointly supervise PhD, Honours and Masters students, as appropriate
- Align with and actively demonstrate the [UNSW Values in Action: Our Behaviours](#) and the [UNSW Code of Conduct](#).

- Cooperate with all health and safety policies and procedures of the university and take all reasonable care to ensure that your actions or omissions do not impact on the health and safety of yourself or others.

Skills and Experience

- PhD in Economics, with strong background in game theory
- Strong mathematical background
- Excellent oral and written communication skills
- Proven, or demonstrated excellent potential for, an outstanding publication record.
- Demonstrated ability to work as part of a team and work with minimal supervision
- Demonstrated high level analytical and problem-solving skills
- Demonstrated capacity to deliver high quality project outcomes in a timely manner
- Knowledge of equal opportunity principles
- Knowledge of health and safety responsibilities and commitment to attending relevant health and safety training
- Demonstrated ability to conduct independent research with limited supervision.
- Demonstrated track record of publications and conference presentations relative to opportunity.
- Demonstrated ability to work in a team, collaborate across disciplines and build effective relationships.
- Strong interpersonal skills with demonstrated ability to communicate and interact with a diverse range of stakeholders and students.
- An understanding of and commitment to UNSW's aims, objectives, and values in action, together with relevant policies and guidelines.
- Knowledge of health and safety responsibilities and commitment to attending relevant health and safety training.

About this document

This Position Description outlines the objectives, desired outcomes, key responsibilities, accountabilities, required skills, experience and desired behaviours required to successfully perform the role.

This template is not intended to limit the scope or accountabilities of the position. Characteristics of the position may be altered in accordance with the changing requirements of the role.



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Position Summary

The position is based within the AGORA Centre for Market Design at UNSW, see <https://www.agora.group/>. The Postdoctoral Fellow will undertake collaborative and self-directed research in mechanism design, information design, or auction theory.

The role of Postdoctoral Fellow reports to AGORA's Director, Scientia Professor Jacob Goeree.

Accountabilities

Specific Accountabilities for this role include:

- Perform innovative research in the areas of mechanism design, information design, auction theory independently, and as part of a team.
- Publish in top field and general-interest journals
- Present research at national and international conferences
- Perform research collaboratively and individually
- Liaise with other investigators at AGORA and UNSW
- Jointly supervise PhD, Honours and Masters students, as appropriate
- Adhere to all health and safety policies and procedures of the University and take all reasonable care to ensure that your actions or omissions do not impact on the health and safety of yourself or others
- Jointly supervise PhD, Honours and Masters students, as appropriate
- Align with and actively demonstrate the [UNSW Values in Action: Our Behaviours](#) and the [UNSW Code of Conduct](#).
- Cooperate with all health and safety policies and procedures of the university and take all reasonable care to ensure that your actions or omissions do not impact on the health and safety of yourself or others.

Skills and Experience

- PhD in Economics, with strong background in mechanism design
- Strong mathematical background
- Excellent oral and written communication skills
- Proven, or demonstrated excellent potential for, an outstanding publication record.
- Demonstrated ability to work as part of a team and work with minimal supervision
- Demonstrated high level analytical and problem-solving skills
- Demonstrated capacity to deliver high quality project outcomes in a timely manner
- Knowledge of equal opportunity principles
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The position is based within the AGORA Centre for Market Design at UNSW, see <https://www.agora.group/>. The Postdoctoral Fellow will undertake collaborative and self-directed research in experimental economics. The role of Postdoctoral Fellow reports to AGORA's Director, Scientia Professor Jacob Goeree.

Accountabilities

Specific Accountabilities for this role include:

- Perform innovative research using laboratory experiments, with an emphasis on testing behavioural models and / or testing institutions (markets, auctions, voting, etc.)
- Publish in top field and general-interest journals
- Present research at national and international conferences
- Perform research collaboratively and individually
- Liaise with other investigators at AGORA and UNSW
- Jointly supervise PhD, Honours and Masters students, as appropriate
- Align with and actively demonstrate the [UNSW Values in Action: Our Behaviours](#) and the [UNSW Code of Conduct](#).
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Skills and Experience

- PhD in Economics, with strong background in experimental economics
- Excellent oral and written communication skills

- Proven, or demonstrated excellent potential for, an outstanding publication record.
- Demonstrated ability to work as part of a team and work with minimal supervision
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