MONASH University

The Gordon Preston Sabbatical Fellowship

Purpose: To attract world-class academics for a sabbatical visit to Monash University. The fellow is expected to actively participate in the intellectual life of the School for a period of at least 3 months, with the aim to establish and/or enhance ongoing research collaborations.

Costs: Prestigious fellowships to visit Monash University for a period of at least 3 months, will cover: travel, visa, accommodation and local living expenses up to a combined maximum of AU$60,000.

Implementation: Awards are conditional on the visitor obtaining an appropriate visa. It is expected that the visitor will interact with researchers on current and planned research projects and deliver seminars.

Selection: Applications should be made by a single electronic submission via email to Angelika.Nikolov-Arvela@monash.edu and should include:

- a detailed letter of support from the proposed host in the School of Mathematical Sciences
- CV (including qualifications, appointments, awards and publications)
- proposed dates for the visit

There are two deadlines for applications each year: 31 March 2017 and 30 September 2017.

Applications will be assessed by a selection panel who will make recommendations to the Head of School, who will make a final decision.

The following criteria may be considered:

- world-class researcher or rising star in mathematics and its applications
- acceptable proposed research activity and interaction
- acceptable time for proposed visit

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Monash University is a member of Australia's Group of Eight research intensive universities. The School of Mathematical Sciences is one of the largest of the six Schools in the Faculty of Science. The research in the Faculty of Science is carried out by world-class researchers. Their work spans the theoretical to the applied, contributes to new knowledge and technologies, and challenges how we interact with the world.

The School of Mathematical Sciences broadly groups its research program into three main areas: Applied Mathematics, Pure Mathematics and Probability. We also have close working collaborations with other Schools/Departments such as Physics and Astronomy, Earth, Atmosphere and Environment and Computer Science; as well as other faculties such as Business and Economics, Medicine, IT and Engineering.

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This Fellowship is named after Emeritus Professor Gordon Preston (1925-2015).

Gordon Preston was an important contributor to algebraic semigroup theory, one of the founding professors of the School of Mathematical Sciences at Monash, and a respected head of school during his numerous appointments from 1963 until his retirement in 1990.

Perhaps Preston's most important contribution to semigroup theory was a set of standardised definitions and terminology. In the 1960s, Preston and his colleague Alfred Clifford published a monograph that would unite the field and act as a reference for a generation of semigroup theorists: *The Algebraic Theory of Semigroups*, published in two volumes in 1961 and 1967.

http://www.monash.edu/science/schools/mathematical-sciences/research