



# Studying collective behavior and social structure using tools from complex systems science

**Dr. Gabriel Ramos-Fernandez, National Autonomous University of Mexico**

Dr Ramos-Fernandez's interests lie in understanding how complex structures emerge from relatively simple elements and interactions. He uses this approach to address questions about the emergence of complex patterns in non-human primate societies, particularly spider monkeys living in southeastern Mexico. In this talk he will review a series of studies on how the behavior and decisions of the individuals that compose a society influence the generation of social structures, what interactions are established between social structures and the environment, what global properties these structures acquire and how these properties feedback on individual decisions

**Dr. Gabriel Ramos-Fernandez** is a researcher based in Mexico, who has coordinated the longest running field study on spider monkey behavior in the world.

## Details

Friday 6 October  
1-2pm AEDT  
Gould Seminar Room 246,  
ANU & Zoom

## Contact

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## Zoom Registration



**Australian  
National  
University**