

Three year postdoc at Oxford in economic complex systems modeling

We are seeking to appoint a Senior Research Associate to participate in the ‘Sensitive Intervention Points in the Transition to the Post-Carbon Society’ project funded by the Oxford Martin School under the leadership of the Principal Investigators, Professor Doyne Farmer and Professor Cameron Hepburn. The project will study the transition to carbon neutral energy generation from economic, sociological and technological points of view.

Key duties include playing a leadership role in managing the project, working closely with the principal investigators and the other members of the team to achieve the goals of the project; managing and undertaking academic research and write articles for publication in

scientific journals;  
managing and co-ordinating research activities,  
administrative activities  
and grant reporting; playing a mentoring role, and act as  
a source of  
information and advice to other members of the group;  
disseminating research  
and presenting research outputs at conferences,  
workshops and to  
stakeholders; and developing ideas for generating  
research income and take a  
leadership role in finding additional sources of funding  
and making  
applications for research grants.

The successful candidate will have ability to undertake  
interdisciplinary  
research, with strong skills in mathematics, programming,  
and large-scale  
data analysis; a PhD/DPhil in a field of quantitative  
science such as  
economics, mathematics, physics, computer science,  
social science, biology,  
statistics or engineering; fluency in written and spoken  
English; and a

demonstrated track record in writing papers for publication. An ability to work in a demanding environment subject to deadlines and exacting professional and academic standards is essential.

The appointment will be available for up to 36 months.