OSCAR | OXFORD

UNIVERSITY OF

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Headlines

Prof. Roy with Prof. Juan Tu

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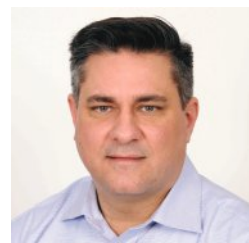# Two OSCAR PIs Receive Grant from the Royal Society (UK) and National Science Foundation of China

The UK's Royal Society (RS) and National Science Foundation of China (NSFC) joint grant has been awarded to two OSCAR PIs - Prof. Ronald Roy and Prof. Hua Ye. The RS and NSFC received 356 applications and 56 were awarded.

Prof. Ronal Roy and Dr. Jason Raymond, together with collaborators led by Prof. Juan Tu at Nanjing University, were awarded a grant to assist with the costs of their international exchanges. Research on the project, entitled 'Development of dual-modality droplets for contrast-enhanced imaging and therapy applications,' will take place at OSCAR.

Prof. Ronald Roy   Dr. Jason Raymond

Prof. Hua Ye has received the same award, with collaborators led by Prof. Keqin Zhang at Soochow University. The funded proposal is called 'Exploring the Biological Response to Silk Fibroin-based Biomaterials with Biomimetic Micro-nanostructures for Stem Cells'.

Prof. Cathy Ye   Prof. Keqin Zhang

The grant will start from April 2019 to March 2021.
Please see the official grant approval announcement on http://bic.nsfc.gov.cn/Show.aspx (Chinese only).

2019年度国家自然科学基金委员会与英国皇家学会合作交流项目批准通知

2019年03月15日　作者：国际合作局　发布：国际合作局

根据国家自然科学基金委员会（NSFC）与英国皇家学会（RS）的双边合作协议，2019年双方共同征集与资助中国与英国研究人员之间的合作交流项目。经过公开征集，双方共受理申请356项。根据中英双方评审结果并经双方机构共同协商，将对以下56个项目予以资助，项目执行期为2019年4月至2021年3月（2年）：

序号	科学部编号	项目名称	中方申请人	依托单位	英方申请人	依托单位
1	1181101421	内外流作用下复杂几何结构流致振动高保真模型和实验研究	包艳	上海交通大学	Narakorn Srinil	NewCastle University
2	1181101430	内流开尔文尾迹的多尺度建模与数值研究	王展	中国科学院力学研究所	Emilian Parau	University of East Anglia
3	1181101431	量子群及其素谱和表示论	黄华林	华侨大学	Vladimir Bavula	University of Sheffield
4	1181101432	双模态相变液滴在增强造影成像和光声协同治疗中的应用研究	屠娟	南京大学	Ronald Roy	University of Oxford
38	5181102121	仿生微纳结构的丝素蛋白基生物材料对干细胞转录组影响的比较分析	张克勤	苏州大学	Hua Ye	Oxford University

" Director Prof. Zhanfeng Cui's Visit to Wuhan

On 30 March, a delegation of UK Chinese professors visited Wuhan. The delegation was made up of about 10 academicians, including Prof. Zhanfeng Cui, OSCAR Director, and Fellow of the Royal Academy of Engineering.
The delegation visited Smart Eco-city, National New Energy and Intelligent Network Base, Dongfeng Technology Centre to know about the innovation environment and to hold a meeting with local representatives.

" Prof. David Clifton's Visit to New York University-Shanghai

On 14 March, Prof. David Clifton (OSCAR PI) delivered a talk entitled 'Recent Advances of AI in Healthcare' at New York University-Shanghai (https://shanghai.nyu.edu/) during his visit to OSCAR.

" OSCAR Attended SIP University Development Alliance Meeting

On 24-26 March, OSCAR General Manager Leah He attended SIP University Development Alliance Meeting led by the SIP government with over 20 university and research institution representatives from SIP.

University representatives held in-depth discussions on education, research, and technology commercialization. The delegation visited State Key Laboratories of Information Engineering in Surveying, Mapping and Remote Sensing, State Key Laboratories of Multi-media, Donghu Economic Zone, Optic Valley, Wuhan Biolake.

About the SIP University Development Alliance
Back in January 2018, OSCAR attended the SIP University Development Alliance annual meeting. OSCAR, University of Sydney Centre in China and University of South Australia Technology Transfer Centre were elected as new members of the Alliance.

The SIP University Development Alliance was established in April 2015 with 30 members including universities and research institutes located in SIP. The Alliance aims to provide collaborative opportunities and share resources among the members to create a cooperative environment.

" Meet OSCAR's New Staff

Dr. Gert Mertes
Research Scientist/ Prof. David Clifton's group
Gert Mertes received his PhD in Engineering Technology at KU Leuven Belgium and joined OSCAR in 2019. His previous research focused on sensor technology and machine learning models for the monitoring of food intake behavior in older adults via wearable devices and environmental sensors. His research interests include machine learning for healthcare, biomedical signal processing, wearable devices, and remote patient monitoring.
gert.mertes@oxford-oscar.cn

Dr. Qi Jun
Research Scientist / Prof. David Clifton's group
Jun joined OSCAR in 2019. Her doctoral research focused on sensor-based recognition of physical activity for monitoring of patients, using machine learning and expert systems. Special emphases of her work have been 'lifelogging' physical activity patterns, and the analysis of time-series data from wearable sensors. Jun's interests also include predictive models for clinical applications, and investigating the effects of activity on Alzheimer's disease, Parkinson's disease, and other neurodegenerative conditions.
Jun.Qi@oxford-oscar.cn

Dr. Xu Wenshuo
Senior Research Scientist/Prof. Jamie Warner's group
Dr. Xu Wenshuo joined Oxford Suzhou Centre for Advanced Research (OSCAR) in 2019. Dr. Xu's research focus is on two-dimensional nanomaterials (such as graphene, boron nitride, several types of atomically thin transition metal dichalcogenides), including their monolayer growth via CVD method and the layer-by-layer assembly of vertical heterostructures). The current projects would contribute to the development of energy, environment, and electronic information, with multiple promising applications in electrocatalysts and optoelectronic devices.
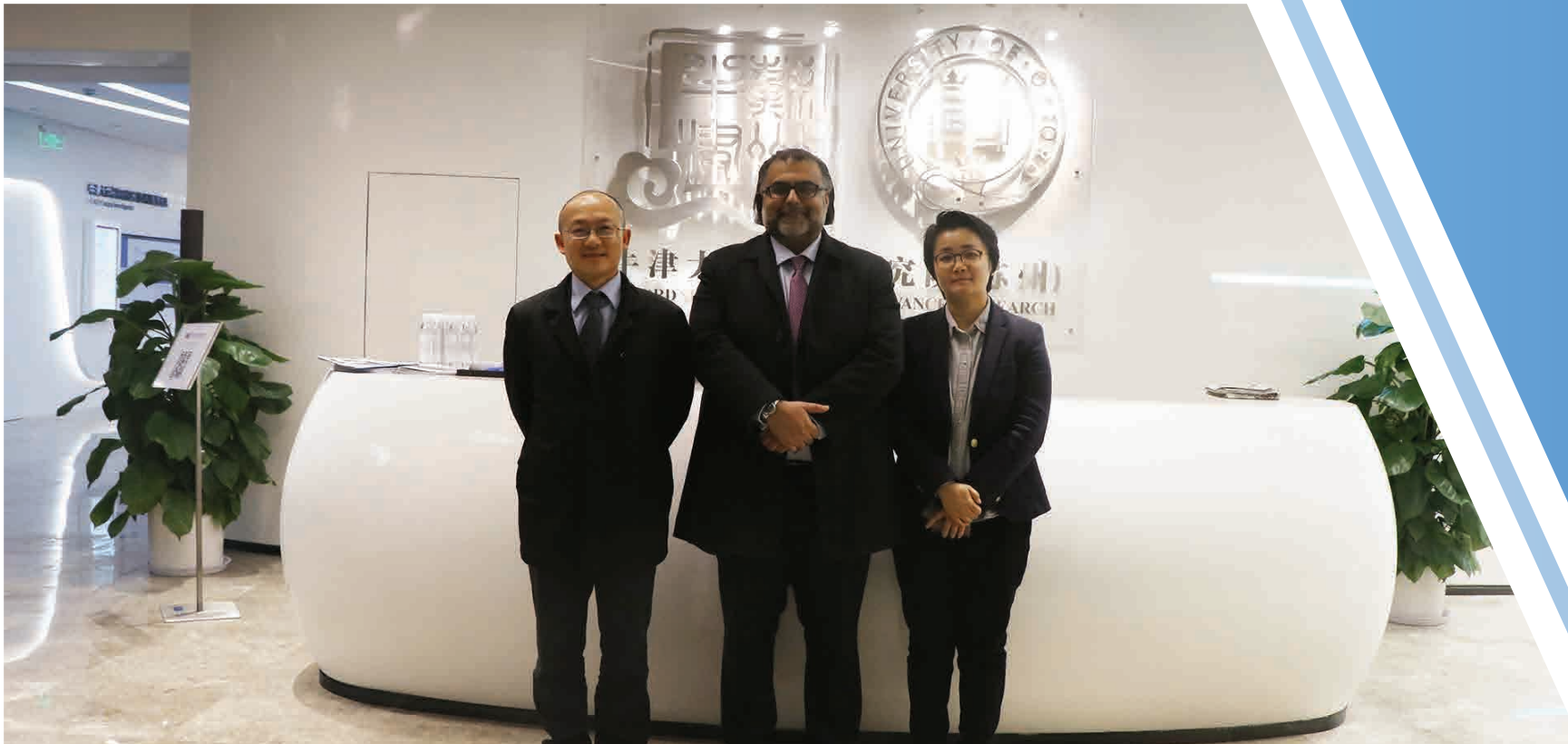Wenshuo.Xu@oxford-oscar.cn

" Visitors to OSCAR

On 5 March, Deputy Vice President (Global Business Development) of King's College London, Tayyeb Shah, visited OSCAR to learn about each other's activities in China. General Manager Leah received them and introduced OSCAR to them.

In 2015, KCL established a King's-Peking University Health Sciences Center Joint Institute for Medical Research. In 2018, Nanjing University, King's College London and Nanjing Jiangbei New Area signed a Memorandum of Understanding for the Nanjing University-King's College London Joint Research Institute of Medicine.

On 7 March, a delegation led by the Deputy Director of the Standing Committee of the National People' s Congress of Hubei Province visited OSCAR.

On 10 March, a delegation led by Zhou Xiaomin, the Vice Chairperson of Suzhou Chinese People's Political Consultative Conference (CPPCC), with the CPPCC delegation of Shanghai Pudong New Area visited OSCAR to understand collaboration between Suzhou and Oxford.
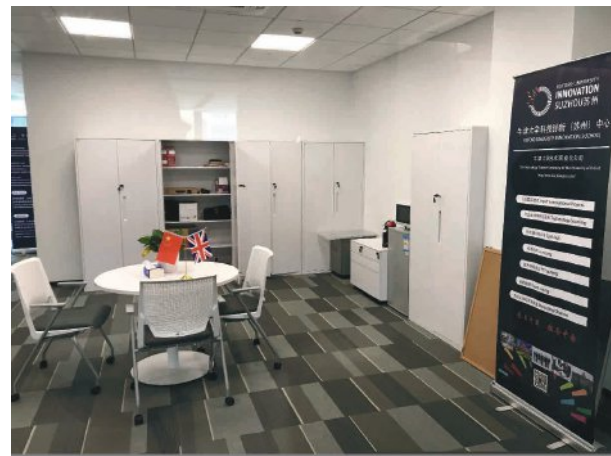

On 13 March, Secretary of Jiaxing Economic and Technology Development Zone Working Committee led a delegation of 32 to visit OSCAR accompanied by SIP top leaders. General Manager Leah briefed them of OSCAR and progress thus far. Back in Jan 2019, Suzhou Industrial Park and Jiaxing Economic and Technology Development Zone signed Comprehensive Strategic Cooperation Agreement.

" Launch of OSCAR Technology Accelerator

On 11 March, Oxford University Innovation (Suzhou) moved into OSCAR Technology Accelerator on the 2F of OSCAR building, which is dedicated to technology innovation and incubation. OUI (Suzhou) is the first tenant to have officially moved in.

The Accelerator will provide a 1-year soft-landing service to Oxford Technology companies, helping them to expand in China.

About Oxford University Innovation
Oxford University's overarching Strategic Plan begins, 'The University of Oxford aims to lead the world in research and education' immediately followed by, 'We seek to do this in ways which benefit society on a national and a global scale.'
OUI supports Oxford's researchers, staff and students, offering commercial skills and a range of specialist resources in order to maximise research impact. Income is shared with those involved according to the University's Regulations.
https://innovation.ox.ac.uk/about/

" OSCAR in On-campus Job Fairs

OSCAR participated in five on-campus job fairs in March to promote OSCAR's job opportunities and to promote OSCAR as a research centre to the public.

Date	University
21 March	Nanjing University of Posts and Telecommunication
22 March	Nanjing University of Information Science & Technology
23 March	Southeast University
30 March	China Pharmaceutical University
31 March	Nanjing University

SIP: A 'powerful magnetic field' to High-caliber Talents

The latest statistics show that SIP now has 158 people under various national talent programs, 208 under provincial ones and startup founders that account for 7% of the national total. No wonder that SIP is compared to be a 'powerful magnetic field' to high-caliber talents. Below are the main reasons for the continuous talent inflow to the area.

First of all, SIP has a potent policy system to lure and retain talents. Its Jinji Lake Talents Program, under which nearly RMB 3 billion in rewards and subsidies are earmarked for high-caliber talents each year, is helping SIP enlarge its talent pool year by year, while the privileges for talents and their families in housing, education and medical care also play a big part.

What's more important, SIP offers good opportunities for high-caliber talents to seek both a good self-development and a wonderful career. It has an assortment of incubators and offers a package of services to give startup founders a helping hand in their project initiation and operation. It also organizes a load of events such as startup contests, forums and training sessions each year to help them gain experience, seek partners and obtain any resources they need.

At the 2018 Venture Week for International Elites held in SIP, Wu Qingwen, Member of the Standing Committee of CPC Suzhou Committee and Secretary of SIP Party Working Committee, invited global startup founders and innovative talents to settle down in SIP, saying, 'We have the stage for your dreams to come true, and the 'sunshine' and 'rain' to nourish your growth.'

China Youth Daily,
March 12, 2019

http://www.sipac.gov.cn/english/news/201903/t20190313_1005217.htm

SIP Endeavors for Continuous Improvement of Administrative Services

SIP authorities have made remarkable achievements in recent years in seeking continuous improvement of their services.

'Smart Community', an on-line one-stop administration system, was operationalized in July 2015 to enable local residents to acquire various handy services easily and quickly. The system currently offers 63 kinds of services to meet the residents' needs for healthcare, social insurance, house renting, career assistance and so on.

Concurrently, the 'All-round Community Staff' initiative provides great support for the operation of the 'Smart Community' system. It includes a series of training programs designed to help local administrative staff enhance their ability of providing comprehensive services to the residents based on the system.

Moreover, the expanding use of big data has helped SIP authorities significantly improve their work efficiency. Unified databases and information sharing platforms have been set up and connected with information networks at city, provincial and national levels to ensure better public services for the residents.

Suzhou Daily,
March 21, 2019

http://www.sipac.gov.cn/english/news/201903/t20190322_1008296.htm