

**Full scholarship Ph.D. opening in Oxford-CityU Centre for Cerebro-Cardiovascular Health Engineering (CoCHE) – Microscopy & Spectroscopy Team**

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We have immediate Ph.D. openings in the areas of light microscopy, spectroscopy, and ultrafast laser applications in the Oxford-CityU Centre for Cerebro-Cardiovascular Health Engineering (CoCHE). Admitted students will be enrolled this year in the Biomedical Engineering Department, City University of Hong Kong. The student will conduct research at CoCHE and the Chinese University of Hong Kong. A four-year full scholarship will be provided to admitted students with a monthly stipend of HK\$ 17,510 as well as medical insurance. Inquiries and applications should be sent to Prof. Shih-Chi Chen at [scchen@mae.cuhk.edu.hk](mailto:scchen@mae.cuhk.edu.hk) and Prof. Renjie Zhou at [rjzhou@cuhk.edu.hk](mailto:rjzhou@cuhk.edu.hk).

About CoCHE: The University of Oxford and City University of Hong Kong Center for Cerebro-cardiovascular Health Engineering (OCHE), co-hosted with Karolinska Institute, proposes to bring together world-class researchers from leading international institutions with the grand goal to collaboratively develop ground-breaking health technologies, ranging from wearable medical devices, biosensing, medical imaging, and artificial intelligence (AI)-based prediction and diagnostic systems to intelligent therapeutic devices, in order to tackle large-scale cerebro-cardiovascular diseases (CVDs) – the society’s current most pressing health challenge. The mission of the OCHE is, working closely with the Hong Kong government, world-leading universities, industries and hospitals, to establish a health technology ecosystem in the Greater Bay Area that not only creatively produces innovative technologies but also translates them quickly and effectively into commercial products and healthcare practice for disease prevention, generating technological and social impacts worldwide.

牛津大学-香港城市大学联合脑心血管健康工程中心 ( CoCHE ) 光学方向博士项目申请开放中！欢迎光学显微成像、光谱成像、生物医学图像分析、超快激光应用方向的同学申请。项目优先考虑可今年秋季入学的博士申请人。感兴趣的同学请尽快联系教授递交申请意向 ( 附上简历 ) 。合适的申请人将会收到回复以及面试邀请。该项目由牛津大学和香港城市大学领衔，博士生在项目期间将有机会与香港中文大学、麻省理工学院、约翰霍普金斯大学等多家实验室合作。录取的学生将入读香港城市大学生物医学工程系。研究地点主要位于 CoCHE 中心 ( 位于香港科学园 ) 和香港中文大学。博士项目致力于培养高科技创新人才，有志于未来从事生物医学工程以及相关光学技术的产业化转换。

项目简介：牛津大学、香港城市大学联合成立的 Oxford-CityU Centre for Cerebro-Cardiovascular Health Engineering (CoCHE)，与 Karolinska 研究所共同发起：针对大规模脑心血管疾病 (CVD) 的研究项目 (OCCHE)，涵盖从可穿戴医疗设备，生物传感，医学成像和基于人工智能 (AI) 的预测和诊断系统到智能治疗设备。OCCHE 的使命是通过与香港政府、世界领先的大学、行业和医院紧密合作，在大湾区建立一个健康技术的生态系统，该生态系统不仅产生创新的技术，而且将其快速有效地转化为商业用途。