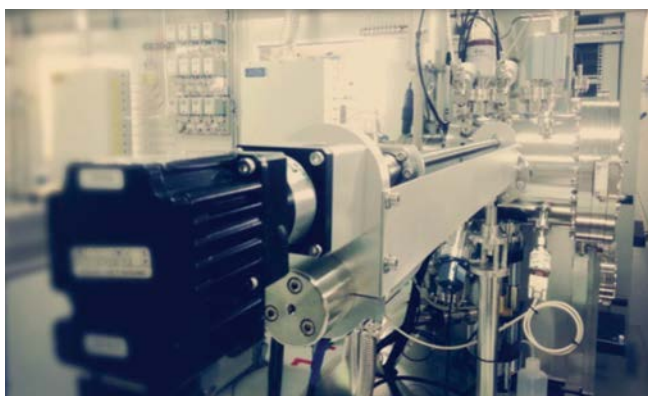


Join a school of substance

In southern China's port city of Guangzhou, Sun Yat-sen University's **SCHOOL OF MATERIALS SCIENCE AND ENGINEERING** is making the most of the latest technology to reinvent the material world.



Creating a new material

used to be a slow process, but scientific tools have advanced material innovation at a startling speed. From polymers and nanomaterials, to energy and bio-materials, developments have reinvented the material world. Novel materials with extraordinary properties have been used in a wide range of sophisticated industrial products.

As a discipline with endless possibilities, materials science spans multiple fields. To meet the increasing demand for new and better materials for innovative engineering applications, Sun Yat-sen University (SYSU) established its School of Materials Science and Engineering (SMSE) in 2015 by drawing on its existing schools and departments, including material physics and chemistry, polymer materials, and engineering programmes.

"We believe that materials research promotes the advancement of human civilization," said Yang Guowei, the school dean. To take on cutting-edge research, the school is committed to ensuring faculty members have the resources they need for vital research to meet industrial and societal needs, according to Yang.

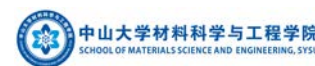
SMSE has built state-of-the-art, well-equipped laboratories that receive significant state funding. The State Key Laboratory of Optoelectronic Materials and Technologies, the Ministry of Education Key Laboratory for Polymeric Composite and Functional Materials, and the Guangdong Province Key Laboratory of Low Carbon Chemistry and Process Energy Conservation, for example, offer faculty great opportunities to contribute to hot topics in the field, leading to exciting results in photoelectric

nanomaterials, new energy and environmental materials, biomedical materials, and functional polymer materials. SMSE has won national and provincial awards for its achievements, and was rated among the global top 0.3%, according to Essential Science Indicators (ESI) subject ranking in 2018.

It now offers three undergraduate majors: Material Physics, Materials Chemistry, and Polymer Materials and Engineering, and is also home to doctoral students and postdoctoral scholars.

Aiming for a team of innovative, impactful and high-quality faculty members, the school has recruited 34 full professors and 37 associate professors, including some renowned scholars, who are inspired by its outstanding facilities. It wants to generate internationally recognized research and to deliver next-generation engineering applications in China and around the world.

SMSE is looking for professors, associate professors, research fellows and postdoctoral researchers in fields of photoelectric nanomaterials, new energy and environmental materials, and biomedical materials. As materials sciences demands collaborative research, bright scholars in traditional and interdisciplinary disciplines, such as in physics, chemistry, biology, and energy are all welcome to join the growing team. ■



Prof. Guowei Yang
tsygw@mail.sysu.edu.cn

Ms. Qiuping Dong
dqiu@mail.sysu.edu.cn

<http://mse.sysu.edu.cn>

