

EM faculty, postdoc and RA positions at SUSTech

SUSTech Institute for Biological Electron Microscopy (SIBEM) has launched a search to fill multiple positions in all ranks, including principle investigators, postdocs and research assistants. Faculty rank will be determined by the qualifications and experience of the successful candidate. We will provide globally competitive salary and benefits, as well as exceptional EM research support.

- (1) Tenure system investigators: tenured Chair/Full/Associate Professor, and tenure-track Associate/Assistant Professor
- (2) Non-tenure system investigators: Research Full/Associate/Assistant Professor
- (3) Postdoctoral fellows
- (4) Research assistants

SIBEM was established in April 2023, as a university-level entity scientific research institution at Southern University of Science and Technology (SUSTech) in Shenzhen, China. With the goal of driving the development of biological EM, SIBEM focuses on establishment of new EM methods and innovative EM application in new research areas. SIBEM directly manages SUSTech Cryo-EM Center which hosts 6 Titan Krios and other state-of-the-art EM instruments.

Applications are now open for receipt and will be reviewed on a rolling basis, until all positions are filled. We would be grateful if you can pass this information to potential candidates.

Interested candidates should email his/her application materials (see details below) to the search committee of SIBEM (shiw@ustech.edu.cn), with the subject as “Your-name + SIBEM + Tenure/Nontenure/Postdoc/RA”.

(1) Tenure system investigators:

Tenured Chair/Full/Associate Professor, and tenure-track Associate/Assistant Professor

Tenure system investigators will be jointly appointed by SIBEM and a SUSTech school, such as School of Life Sciences and School of Medicine. These investigators will lead the core research groups of SIBEM, take part in running the institute, and enjoy priority EM instrument and personnel support including multiple days of free (or half-price) Titan Krios usage each month.

The candidates are expected to establish high-quality and unique research program of using EM to study fundamental biological questions. In addition to evidence of prior academic achievements, successful applicants must demonstrate future plans that emphasize creative application of EM techniques to explore new fields, development of critical EM methods or instruments, or innovative interdisciplinary research.

Application materials:

- a) Curriculum vitae
- b) Cover letter
- c) Research statement (max 3 pages). Summary of current and future research program, including a description of how your future EM research will contribute to previously unexplored fields.
- d) Teaching statement (max 1 page)
- e) Contact information for three referees

**(2) Non-tenure system investigators:
Research Full/Associate/Assistant Professor**

Non-tenure system investigators are appointed by SIBEM and serve as the main driving force of SIBEM research efforts. The candidates are expected to focus on important EM techniques and unique research directions, as well as to develop collaborative research programs with other investigators in and outside SIBEM. In addition to evidence of prior academic or technical achievements, successful applicants must demonstrate interest, capability and persistence of leading EM projects.

Application materials:

- a) Curriculum vitae
- b) Cover letter
- c) Research statement (max 3 pages). Summary of current and future research program, including an explicit statement of your interest and strength in EM research.
- d) Contact information for three referees

(3) Postdoctoral fellows

The candidates are expected to work on independent and collaborative EM projects.

Application materials:

- a) Curriculum vitae
- b) Cover letter
- c) Contact information for three referees

We will provide globally competitive salary and benefits. See details below.

- a) The two-years postdoctoral research program with competitive basic salary and tax-free allowance from Guangdong province and Shenzhen government, compensated after passing an evaluation;
- b) Excellent candidate can apply for Presidential Fellowship with salary 500,000 CNY per year;
- c) Eligible applicant can apply for relevant supporting benefits in Shenzhen (such as other talent subsidies, public rental housing/ housing allowance, talent housing, etc.).
- d) Medical and social insurance package, pension and other staff benefits;

(4) Research assistants

The candidates are expected to work collaboratively to support SIBEM research.

Application materials:

- a) Curriculum vitae including the publication list
- b) Cover letter
- c) One or two letters of reference

We will provide globally competitive salary and benefits. See details below.

- a) Competitive annual salary is based on the education background and work experience of applicant, social and medical insurance and other staff benefits are according to the standards of university.
- b) Outstanding candidates with substantial experience for research may be considered for internal promotion or external recommendation.

尊敬的各位同事：

大家好！南方科技大学高分辨生物电镜结构研究院(**SUSTech Institute for Biological Electron Microscopy, SIBEM**) (以下简称**电镜研究院**)是 2023 年 4 月新成立的校级实体科研机构。电镜研究院由廖茂富讲席教授担任研究院创始院长，依托南科大冷冻电镜中心（冷冻电镜大科学装置）开展前瞻性生物电镜结构研究，目标是建设成为中国南方功能最完备、技术力量最强大、基础科研最活跃、转化研究最富有成果的结构生物学研究中心，并成为有国际影响力的生物医学科研机构。电镜研究院专注于发展和应用多种生物电镜显微学的新技术和方法，对焦生命科学及交叉学科的热点、难点和空白领域，在分子、细胞和组织水平做出开创性的发现，同时推动真正基于生物大分子高分辨结构与精细机制的医疗创新。

电镜研究院近期正式启动各个级别职位的招聘，包括**预聘-长聘制教研系列、研究序列、博士后及科研助理岗位**，竭诚欢迎领域内各类优秀人才积极申报。申报成功者，不仅能够获得与专业能力和工作经验相匹配的具有全球竞争力的薪资待遇及配套员工福利，同时也能享有开展电镜结构研究的卓越的工作条件和先进的平台硬件设施支持。

所有岗位招聘长期有效，招满即止。请感兴趣者将个人简历和其他科研证明材料(详见下文)发送至邮箱 **shiw@ustech.edu.cn**，邮件标题请注明：“姓名+应聘电镜研究院+岗位名称（长聘/预聘/博后/科助）”。对于符合要求并通过初审者，将会通知安排面试，简历未通过筛选者，恕不另行通知。

招聘岗位信息：

1. 预聘-长聘制教研岗位：

含长聘讲席教授/正教授以及副教授，和预聘制副教授及助理教授。

预聘-长聘制教研岗位将由电镜研究院和南方科技大学下属的相关学院来共同任命，如生命科学学院和医学院等学院。教研系列教授领导的课题组是电镜研究院的核心科研团队，参与管理和运行电镜研究院，并享有电镜设备和人员的优先支持，包括每月多天免费(或半价)的 Titan Krios 电镜机时。

候选人应具备建立高水平 and 独特应用电镜技术方法开展生物学基础问题的研究能力。成功申请者不仅要有较为突出的学术成就，未来的研究工作中必须凸显出使用电镜技术探索新领域的创新性应用，以及发展电镜技术相关的新方法、新仪器设备的开发，或创新性的跨学科研究等。

须提供的申请材料：

- a) 个人简历
- b) 求职信
- c) 研究陈述（最多不超过 3 页）：现阶段研究总结及未来研究规划，须重点陈述未来如何通过使用电镜技术方法去解决前人未解决的科学问题或者未探明的领域。
- d) 教学陈述（最多不超过 1 页）
- e) 三个推荐人的联系方式

薪资待遇和科研启动条件：

一事一议。

2. 研究序列岗位：

含非预聘的研究序列正教授、副教授及助理教授。

研究序列岗位的人员由电镜研究院独立任命，是电镜研究院直接领导的主要科研力量。候选人须专注于重要的电镜技术应用和有特色的电镜科研，并能够与电镜研究院内外部人员协同开展合作研究项目。申请成功者不仅需要具备已有的学术研究基础或技术方面

的成就，同时须展示出对电镜结构研究方向的浓厚兴趣，以及有能力和耐心开展长期的电镜科研课题。

须提供的申请材料：

- a) 个人简历
- b) 求职信
- c) 研究陈述（最多不超过 3 页）：现阶段研究总结及未来研究计划，须详细陈述个人开展电镜技术相关研究工作的研究兴趣和具备的优势。
- d) 三个推荐人的联系方式

薪资待遇：

享受南方科技大学正式职工待遇，具体岗位和福利待遇按南方科技大学及深圳市有关规定执行，工资面议。

3. 博士后岗位：

具有生物、电镜、计算或其他相关学科的博士学位。具有较高的学术水平和科研能力，在专业领域内发表过高质量学术文章者优先。能够配合研究系列教授，共同制定研究计划，具有独立思考 and 积极开展相关课题研究的能力。热爱科研工作、积极勤奋、为人踏实、有团队合作意识和服务精神，能够协助培养研究生，积极参与研究院日常管理及运行工作。

须提供的申请材料：

- a) 个人简历
- b) 求职信
- c) 三个推荐人的联系方式

薪酬待遇：

- e) 博士后聘用期为两年，参考广东省、深圳市以及南方科技大学有关规定，并按深圳市有关规定参加社会保险及住房公积金。博士后福利费参照学校教职工标准发放。

- f) 特别优秀候选人可以申请校长卓越博士后，年薪可达 50 万元以上（含广东省及深圳市省市级在站生活补贴）。
- g) 在站期间，可依托学校申请深圳市公租房，未依托学校使用深圳市公租房的博士后，可享受两年税前 2800 元/月的住房补贴。
- h) 拥有优良的工作环境和境内外合作交流机会，博士后在站期间可享受两年共计 2.5 万学术交流经费资助。

4. 科研助理岗位：

候选人须具有生物学、电镜、计算等相关专业的本科及以上学历，有相关科研经历和实验技能者优先。对研究院的科研方向感兴趣，热爱科研工作，有较强的亲和力和沟通能力，做事认真严谨，富有责任心和团队合作意识。

须提供的申请材料：

- a) 个人简历（含已发表的文章）
- b) 求职信
- c) 2-3 个推荐人的联系方式

薪酬待遇：

1) 基本薪资根据学历和经验面议，五险一金，各项福利，补贴等参照学校标准缴纳、发放。

(2) 根据个人科研能力及职业发展方向，研究院协助提供深造机会，拓展个人晋升空间的机会。