

Position

Postdoc 博士后

Research areas

- 1.bio-receptive materials
- 2.sustainable facades supporting urban ecology
3. digital design of innovative structures and materials (furniture, shelters, facades)

Professor – Christiane M. Herr

Christiane M. Herr is an architectural design researcher and educator focusing on the areas of structural design, cross-disciplinary collaborative design and digitally supported design. She obtained a Dipl.-Ing. degree from the University of Kassel, and her MArch and Ph.D. degrees from The University of Hong Kong. Before joining SUSTech, she held positions as Associate Professor at Xi'an Jiaotong-Liverpool University and Shenzhen University and as Visiting Assistant Professor at National Cheng Kung University. In her recent work, Christiane has focused on structural and material aspects of high-performance building facades in relation to urban ecology and human health, with special emphasis on the local context of China. Christiane is the first female President of the Association for Computer-Aided Architectural Design Research in Asia (CAADRIA) and was previously Vice President as well as board member of the American Society for Cybernetics (ASC). In addition, she is a member of peer review committees of various journals and conferences and a member of the editorial board of the Journal of Architectural Computing (Sage) and Sustainable Horizons (Springer). A fellow of the UK Cybernetics Society, Christiane has recently co-edited the book "Design Cybernetics: Navigating the New", published in the Springer Design Research Foundations Series.

Responsibilities

1. Develop the research plan together with the team leader, carry out project research relatively independently and publish high-level academic papers;
2. Assisted the research group in applying for funds, and actively applied for post-doctoral science fund, national natural science foundation of china youth program, and other national, provincial and municipal projects with the support of the research group as the person in charge.

3. Assist the leader of the research group and guide doctoral, master and undergraduate students.
 4. Assist the construction and management of the research group.
-
1. 共同制定研究计划，相对独立地开展项目研究及发表高水平学术论文;
 2. 协助课题组申请项目基金。在课题组的支持下，作为负责人积极申请博士后科学基金、国家青年自然科学基金等系列国家及省市级的项目基金。
 3. 开展本科、硕士、博士指导工作；
 4. 参与课题组的建设和日常管理工作。

Qualifications

1. Doctoral degree in related area;
 2. Relevant experience in design;
 3. High proficiency levels in both English and Mandarin languages
 4. Proven capability of writing high-quality research papers and project application proposals.
 5. Applicants who have published more than two SCI papers are strongly preferred.
-
1. 在相关领域取得博士学位；
 2. 有相关设计经验；
 3. 拥有良好的中英文口头沟通和写作能力；
 4. 具备撰写高质量研究论文和项目申请材料的能力；
 5. 发表 2 篇以上 SCI 论文的应聘者优先考虑。

Compensation and Benefits

1. Compensation

- 1) The annual salary of a postdoc is about 330,000 RMB, including 150,000 RMB of Guangdong Province subsidies and 60,000 RMB of Shenzhen living subsidies, and he/she will participate in the schemes of social

insurance and housing provident fund according to the relevant regulations of Shenzhen.

- 2) The basic monthly income of a postdoc is RMB 8,667.
- 3) If not living on campus or not applying for public rental housing, the postdoc can enjoy a housing subsidy of RMB 2,800 per month.
- 4) The postdoctoral benefits are distributed with reference to the standard of the University staff within the quota. After the postdocs enter the Mobile Station and pass the proposal assessment, the Shenzhen living subsidies will be transferred directly to the postdoc personal accounts; subsidies will not go through the University. Shenzhen living subsidies are paid quarterly for a total of 2 years. Mid-term assessment will be conducted after 12 months, and the second support fund can be applied after passing the assessment. Early withdrawal from the station requires the postdocs to return the government subsidies in proportion.
- 5) Other benefits including Festival bonus, meal subsidy is about RMB 10,000 per year.

2. Other Treatment Policies

- 1) Exceptionally outstanding postdocs can apply for President Excellent Postdoc. If the application is approved, the annual salary can reach 500,000 RMB (including subsidies from Guangdong Province and Shenzhen).
- 2) The research group provides postdocs with excellent working environment and opportunities for cooperation and exchange both at home and abroad, and the postdocs can enjoy academic exchange funds of 25,000 RMB in total for two years (For postdocs within the quota, academic exchange funds are covered by the University, and for postdocs outside of the quota, academic exchanges funds are covered by the research group).
- 3) According to the specific research performance of the postdoc, he/she can enjoy the corresponding research performance incentives offered by the College (School)/Department and the subject group.
- 4) The research group provides sufficient research support and assists the postdocs in applying for the China Postdoctoral Science Foundation, the National Natural Science Foundation of China, and research projects at all levels in Guangdong Province and Shenzhen.
- 5) The research group can assist eligible postdocs in applying for the "Guangdong Overseas Young Postdoctoral Recruitment Program". If a

postdoc has obtained a doctoral degree from a university ranked in the top 200 universities in the world (according to the World University Rankings of Times Higher Education, USNEWS, QS, and Academic Ranking of World Universities in the previous year, excluding domestic universities), is engaged in postdoctoral research in a postdoctoral station in Guangdong Province, and has committed to work in the station for more than 2 years, the provincial government will give living subsidies of 600,000 RMB to each eligible postdoc after the application is approved (which is incompatible with the 150,000 RMB living subsidy provided by Guangdong Province, and whether it is compatible with the 60,000 RMB living subsidy provided by Shenzhen shall be subject to the regulations of Shenzhen). For the postdoc who has received funding from this program, will sign a work agreement or labor contract with an employer in Guangdong Province and promise to work in Guangdong for more than 3 years after leaving the station, Guangdong Provincial Government will provide housing subsidies of 400,000 RMB.

- 6) Postdocs who choose to stay in Shenzhen to engage in research and sign labor (employment) contracts with enterprises and institutions in Shenzhen for more than 3 years after leaving the station can apply for Shenzhen Postdoctoral Research Fund. Shenzhen Municipal Government gives each postdoc an annual research fund of 100,000 RMB for 3 years in total (subject to the regulations of Shenzhen).
- 7) We will actively recommend outstanding postdocs and assist them in applying for the position of research assistant professor at SUSTech.

Contact us

To apply, please provide the following documents and forward them to:

designschoolhr@sustech.edu.cn (Email specified by: Name+Postdoc of Design School)

1. CV in both Chinese and English;
2. Certificates, other supporting materials etc.

Notice

Submission deadline: Jan 10th 2021

Starting date: To be determined by mutual agreement