



BIT Senior Visiting Scholar Program

CALL FOR APPLICATION

INFORMATION FOR APPLICANTS

BIT Senior Visiting Scholar Program aims to attract acclaimed international scholars with relevant expertise, to collaborate with BIT project teams and to actively contribute to the university's objectives.

Visiting scholars may visit one or more academic schools and undertake a variety of activities whilst in China, including:

- presenting seminars
- conducting research or workshops
- providing methodological and analytical expertise
- writing collaborative research papers
- supervising students

Visiting scholars can stay for short or long periods, depending on the nature of the collaboration. BIT would like to welcome visiting scholars who could stay in BIT for at least three weeks.

The academic background for the visiting scholars could cover a wide range of fields. Please find the lists of the 19 academic schools and related programs in attachment.

AWARD

The fellowship is for a period from three weeks to three months. The fellowship can be used for international travel fare (economic round trip), domestic accommodation and allowance.

SELECTION CRITERIA

- Quality of Applicant
- Relevance to existing programs of research at BIT
- Quality of the research proposal; and
- Capacity to develop international strategic relationships beneficial to

BIT FACILITIES

Visiting Fellows are entitled to access all University facilities, such as libraries, health services etc. The International Office provides financial support, administrative support and assistance.

APPLICATION PROCEDURES

1. Application Form Applicants should submit a completed application form, together with a CV and list of publications and/or professional activities. Please refer to attachment.
2. Project Proposal Applicants should provide a one to two page description of their planned research project.

SEND

All applications should be sent by email to:

liuyanhong@bit.edu.cn and pengshu@bit.edu.cn

FURTHER INFORMATION

CONTACT:

Ms. LIU Yanhong, Head of Overseas Program, International Office, BIT

Tel: 86 10 68914207

Ms. PENG Shu, Visiting Scholars Program Coordinator, International Office, BIT

Tel: 86 10 68911152

Attachment 1:

List of Academic Schools and Programs

| | |
|--|--|
| School of Aerospace Engineering | Dynamics and Control |
| | Structural and Material Mechanics |
| | Aerodynamics |
| | Biomechanics |
| | Flying Vehicle Design |
| | Flight Dynamics and Control |
| | Aerospace Vehicle System and Technology |
| | Aerospace Propulsion Technology |
| | Launch Theory and Technology |
| School of Mechatronical Engineering | Inorganic Synthesis and Advanced Material |
| | Material and Structure Dynamics |
| | Computational Mechanics and Engineering Simulation |
| | Mechatronic Sensing and Control Technology |
| | Humanoid Robot Technology |
| | Applied Chemistry |
| | Weapon System Technology |
| | Damage Theory and Technology |
| | Intelligent Detection and Control |
| | Explosion Theory and Technology |
| | Energetic Material and Power Technology |
| | Safety Technology and Engineering |
| | System Safety Theory and Assessment |

| | |
|--|---|
| | Dangerous Material and Security |
| | Engineering Safety and Control Technology |
| | Dynamics of Disaster Evolution |
| School of Mechanical Engineering | Mechanical Engineering |
| | Power Engineering & Engineering Thermophysics |
| | Communication & Transportation Engineering |
| | Aeronautical & Astronautical Science and Technology |
| | Power Electronics and Power Drives |
| School of Optoelectronics | Micro-Optical, Infrared and Ultraviolet Imaging Technology |
| | Virtual Reality and Augmented Reality Technology |
| | Photovoltaic Radar, Detection, Imaging and Countermeasures |
| | Image Engineering and Color Science |
| | Modern Optical Design, Lithography Technology and Precision Instruments Engineering |
| | Optoelectronic Information Acquisition, Display and Processing Technology |
| | Optical, Mechanical and Electronic Integration Technology |
| | Modern Photoelectricity, Photoelectric Detection Technology and Instrument |
| | Optical Information Sensing and Processing Technology |
| | Precision Measurement and Metrology |
| | Physical Electronics |
| | Optical Engineering |
| | Instrumentation Engineering |
| School of Information & Electronics | Computational Electromagnetics and Applications |
| | Microelectronics and Solid Physics |
| | Circuits and Systems |
| | Microwave and Millimeter Wave Circuits and Systems |

| | |
|--|--|
| | Bioinformatics |
| | Communication and Information Systems |
| | Signal and Information Processing |
| | Information Security and Antagonism |
| | Target Detection and Identification |
| | Electronics and Communications Engineering |
| School of Automation | Control Theory and Control Engineering |
| | Navigation, Guidance and Control |
| | Pattern Recognition and Intelligent Systems |
| | Systems Engineering |
| | Test Technology and Automation Equipment |
| School of Computer Science and Technology | Bio-perceptual Computation and Rehabilitation Engineering |
| | Software Theory and Engineering |
| | High Performance Embedded Computation |
| | Network and Information Security |
| | Language Information Process and Knowledge Engineering |
| | Machine Perception and Media Computing |
| | Virtual Reality and Simulation |
| | Software Engineering Theory |
| | Software Service Engineering |
| | Digital Library |
| | Information Management, Data Mining and Science Reference Management |
| | Computer Technology |
| School of Software | Software Engineering Theory |
| | Software Service Engineering |

| | |
|---|---|
| | Software Security Technology |
| | Intelligent Digital Performance |
| | Software Engineering |
| School of Material Science and Engineering | Energetic Materials |
| | Destructive and Protective Materials |
| | Functional Polymer and Flame Retardant Materials |
| | Surface Engineering |
| | Advanced Materials Forming Theory and Technology |
| | Physics and Chemistry of Low-Dimension Photoelectric Functional Materials |
| | Materials Engineering |
| School of Chemical Engineering and Environment | Detection Technology and Automatic Device |
| | Energy Materials and Chemical Power Sources |
| | Energy Chemical Engineering |
| | Applied Chemistry |
| | Chemical Engineering |
| | Chemical Technology |
| | Environmental Material |
| | Solid Waste Utilization Technology |
| | Environmental Pollution Treatment Technology |
| | Environmental Planning and Management |
| | Environment and Energy Chemistry |
| | Chemical Engineering |
| | Environmental Engineering |
| | Pharmaceutical Engineering |
| School of Life Science | Biology |

| | |
|------------------------------|---|
| | Biomedical Engineering |
| | Medicine |
| | Bioengineering |
| | Life Information Engineering |
| School of Mathematics | Algebra |
| | Geometry and Analysis |
| | Applied Mathematics |
| | Differential Equation |
| | Stochastic Process and Statistical Inference |
| | Operations Research and Cybernetics |
| | Mathematical Statistics |
| | Reliability Theory and Application |
| | Statistical Signal Analysis |
| | Statistics and Decision |
| | Applied Statistics |
| | |
| School of Physics | Low-Dimensional System and Mesoscopic Transport |
| | Quantum Control and Compressed Sensing |
| | Atomic Molecule and Cluster Physics |
| | Plasma and Electrostatic Physics |
| | Soft Matter Physics |
| School of Chemistry | Inorganic Synthesis and Advanced Materials |
| | Molecular Design and Structural control of Nanomaterials |
| | Design, Synthesis and Properties of Organic and Biological Functional Molecules |
| | Spectroscopy, Chromatography and Chemical Biosensor |
| | Chemical Micro Process and Theoretical Design of Functional Molecules |

| | |
|---|--|
| | Electrochemistry and Green Catalysis |
| School of Management and Economics | Management Science and Engineering |
| | Business Management |
| | Public Management |
| | Applied Economics |
| | Professional Program on Master of Business Administration (MBA) |
| | Professional Program on Executive Master of Business Administration (EMBA) |
| | Professional Program on Master of Public Administration (MPA) |
| | Professional Program on Master of Professional Accounting (MPAcc) |
| | Professional Program on Master of International Business |
| | Professional Program on Master of Engineering |
| | Professional Program on Master of Project Management |
| School of Humanities and Social Sciences | Scientific Thinking and Study |
| | Science Technology and Society |
| | Science, Technology and Culture and Scientific Communication |
| | Political Economics |
| | Economics of Resources and Environment |
| | World Economics |
| | Finance and Investment |
| | National Economics |
| | Marxism and Contemporary Social Development |
| | Study of the Chinization of Marxism |
| | Theory and Practice of Ideological and Political Education |
| | Research on the Basic Problems of Chinese Modern History |
| | Marxism and Construction of the Ruling Party |

| | |
|------------------------------------|--|
| | Counseling Psychology and Evaluation |
| | Mental Health Education |
| | Cognitive Psychology and Application |
| | Social Group and Cross-cultural Psychology |
| | History of Scientific Thinking |
| | Social History of Science |
| | History of National Defense Science and Technology |
| | Scientific Communication and Science, Technology and Culture |
| School of Law | Jurisprudence |
| | Constitution and Administrative Law |
| | Procedural Law |
| | Civil and Commercial Law |
| | Environmental Law |
| | International Law |
| | Juris Master |
| School of Foreign Languages | Linguistics |
| | Language and Culture |
| | British and American Literature |
| | English for Specific Purposes |
| | German Language and Literature |
| | Japanese Language and Literature |
| | English Translation |
| School of Design and Arts | Industrial Design |
| | Visual Transmission Design |

| | |
|-------------------------------|---|
| | Environmental Artistic Design |
| | Cultural Heritage and Traditional Arts |
| | Painting |
| | Industrial Design Engineering |
| | Artistic Design |
| Institute of Education | Education Policy and Law |
| | Higher Education |
| | Economics and Administration of Education |
| | Mental Health Education |