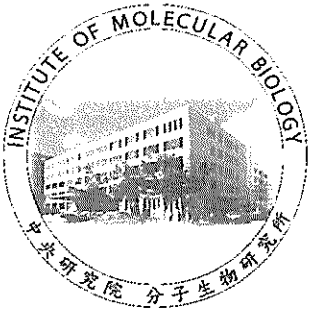


<p>Institute of Biological Chemistry 生化所</p>	<p>1. Cryo-EM 2. Mass Spectrometry 3. System Biology on Protein Network</p>
<p>Institute of Cellular and Organismic Biology 細生所</p>	<p>已啟動相關徵才程序，但徵才條件擬交由本所新任所長決定</p>
<p>Institute of Molecular Biology 分生所</p>	<p>The Institute of Molecular Biology aims to recruit outstanding scientists, one each year, to establish research programs in all disciplines of molecular and cellular biology and systems biology to strengthen or complement existing research fields of the IMB in:</p> <p>Chromosome Biology RNA Biology Developmental Biology Neuroscience Infection and Immunobiology Plant Biology Structural Biology Systems Biology</p>
<p>Institute of Biomedical Sciences 生醫所</p>	<p>The Institute of Biomedical Sciences (IBMS) in Academia Sinica, Taiwan (<a href="http://www.ibms.sinica.edu.tw/">http://www.ibms.sinica.edu.tw/</a>) is engaged in disease-oriented research, including basic biology, molecular mechanisms and translational medicine, etc. We aim to advance biomedical sciences through basic research and translate the knowledge into clinical applications. We welcome applicants in the fields of Epidemiology &amp; Genetics, Neuroscience, Cardiovascular Disease, Infectious Disease &amp; Immunology, Cancer, and Structural Biology. Ph.D or M.D. scientists with solid training in biomedical related fields and excellent publication records are encouraged to apply. Applicants should e-mail their CV and a cover letter with a brief outline of future research plan to Ms. Jennifer Chen (<a href="mailto:jennyc26@gate.sinica.edu.tw">jennyc26@gate.sinica.edu.tw</a>). The institute offers a comprehensive start-up package and an excellent environment with cutting-edge core facilities.</p>

<p>Genomics Research Center 基因體中心</p>	<p>1. 研究人員：</p> <p>A. Outstanding individuals applying state-of-the art imaging modalities to solve central questions in any area of glycoscience, immunology, stem cell biology and cancer biology. The candidate for this position should have a track record of major contributions to the afore-mentioned academic fields, with an emphasis on the application of intravital imaging or super-resolution microscopy technologies.</p> <p>B. All levels of research fellow positions in the area of novel instrumentation development. Experience in developing mass spectrometry; chromatography; optical analytical instruments; analytical biomedical instruments and biomedical imaging and therapy instruments are favored. Industrial working experience is preferred. Inventor-ship of patents will also be considered in addition to paper publications.</p> <p>2. 博士後研究員及碩士級研究助理</p> <p>徵求生物、化學、醣科學研究相關領域背景，協助進行抗體藥物研發、高通量定序及免疫生物資訊研發、大數據基因體與轉錄體分析、生物資料開發及資料庫建置、癌症機制等基礎研究、應用與技術開發等及跨領域研究。</p>
<p>Biodiversity Research Center 生物多樣性中心</p>	<p>徵求：Microbiologist, Evolutionary Biologist</p>
<p>Agricultural Biotechnology Research Center 農生中心</p>	<p>Faculty Positions in Metabolic Engineering and Functional Demonstration of Herbal Medicine Agricultural Biotechnology Research Center (ABRC), Academia Sinica, Taiwan</p>
<p>Institute of Plant and Microbial Biology 植微所</p>	<p>博士後的專長需求則請見下方：</p> <ol style="list-style-type: none"> <li>1. molecular biology and microbiology/plant pathology or plant molecular biology and genetics/genomics.</li> <li>2. bioinformatics, computer science, mathematics, statistics, genetics or biology</li> <li>3. molecular and cell biology</li> <li>4. molecular mechanism of plant-virus interactions</li> </ol>

<p>Institute of Atomic and Molecular Sciences 原分所</p>	<p>invites applications for multiple tenure-track or tenured faculty positions in the following areas Chemical Dynamics and Spectroscopy, Atomic Physics and Optical Science, Biophysics, Advanced Materials and Surface Science</p>
<p>Institute of Physics 物理所</p>	<p>Candidates in the following areas are especially encouraged to apply:</p> <ol style="list-style-type: none"> <li>1. Condensed-matter physics including theory, simulation, quantum material synthesis and characterization. Priorities are on synthesis of novel 2D materials, hetero-layer systems, hybrid soft and hard material systems etc. and their new characterization techniques like angle-resolved photoemission spectra (ARPES).</li> <li>2. Particle physics for both experiments and theories, with emphasis on gravity, cosmology, and particle physics.</li> <li>3. Biophysics and soft-materials including theory, simulation and experiment.</li> </ol>
<p>Institute of Chemistry 化學所</p>	<p><b>1. Research Fellow</b> The IoC is recruiting prominent researchers for tenure-track faculty positions (Assistant, Associate, or Full Research Fellow). The qualification of applicants must be recognized as excellent researcher. Three opening positions are expected between 2017—2020.</p> <ol style="list-style-type: none"> <li>(1) Ph.D. in chemistry or closely related fields plus more than one year postdoc experience.</li> <li>(2) Academia Research expertise in material chemistries, catalysis, synthetic methodology, chemical biology, or sustainable chemistry.</li> </ol> <p><b>2. Senior Research Specialist</b> The position of Research Specialist was created in recent years in an attempt to establish a track to keep professional technical scientists, who are crucial to the development of technical infrastructure for the advancement of research. The IoC is recruiting technical expert (Assistant, Associate, or Full</p>

	Research Specialist) holding Ph.D. or MS degree and two-year research experience in catalysis for sustainable energy, total synthesis, or proteomics.
Institute of Earth Sciences 地球所	<u>地球化學及礦物物理</u>
Research Center for Information Technology Innovation 資創中心	領域:資料科學(Data Science)、人工智慧(AI)、系統(System)、網路(Networking)及資訊安全(Security)
Institute of Astronomy and Astrophysics 天文所	The Institute of Astronomy and Astrophysics do not have particular interest in researchers at LA, SF, and Boston. Astronomy is a small field, and researchers are concentrated in large universities and institutes. We are familiar with them. We do both open recruit and targeted recruit. We thank President Liao for offering assistance to recruit. At the moment, we do not have targets in the above-mentioned three cities.



OPEN FACULTY POSITIONS  
**INSTITUTE OF MOLECULAR BIOLOGY**  
**ACADEMIA SINICA, TAIWAN, ROC**

One tenure-track faculty position is open for a highly qualified individual to establish independent research programs **in all disciplines of molecular and cellular biology**. Applicants should hold a Ph.D. degree or its equivalent, with appropriate postdoctoral research experience. The successful recruit will be appointed at the levels of **Assistant, Associate, or Full Research Fellows** (equivalent to academic ranks of Assistant, Associate and Full Professors at universities), and receive a generous multi-year start-up package, followed by annual intramural support.

The Institute of Molecular Biology at Academia Sinica (<http://www.imb.sinica.edu.tw/en>) provides an active and stimulating research environment, is well supported by both extramural and long-term intramural funding, and features several core facilities (cell imaging, microarray, Next Generation Sequencing, RNAi, electrophysiology, FACS, bioinformatics and mouse facilities) that provide state-of-the-art resources and key technical expertise to the Institute's research community. Recent research works were published in top journals such as Science, Nature, and Cell. Currently two Ph.D. programs, with one recruiting international students, are formally affiliated with the Institute. English is the official language for seminars and lectures at the Institute, and proficiency in Chinese language is not a prerequisite for application.

Applicants should send their Curriculum Vitae, a description of past research accomplishments and future research plans, and arrange for three letters of recommendation to be sent directly to:

**Dr. Soo-Chen Cheng, Director**  
**c/o Ms. Vivi Chiang**  
**Institute of Molecular Biology,**  
**Academia Sinica**  
**Taipei, Taiwan 11529, ROC**

The selection process will start on **November 22, 2017** until the positions are filled. Further information can be obtained from **Ms. Vivi Chiang** at [vivi@imb.sinica.edu.tw](mailto:vivi@imb.sinica.edu.tw)

### Tenure-Track Position in Evolutionary Biology - Effective 03 June 2017

The Biodiversity Research Center, Academia Sinica (BRCAS, <http://biodiv.sinica.edu.tw/>), Taipei, Taiwan, invites applications for a tenure track position in **Evolutionary Biology**. The rank is open, although junior scientists are preferred. Candidates with a research interest in evolutionary biology are encouraged to apply. Applicants who address evolutionary biology questions using molecular and genomic approaches are preferred. Applicants must have postdoctoral research experience and have a strong publication record.

BRCAS was officially established in 2005. The center consists of four divisions: Marine biodiversity and ecosystems, Terrestrial biodiversity and ecosystems, Molecular and genomic evolution, and Microbial biodiversity. BRCAS provides each PI with some internal support and a good start-up. It is in charge of a sequencing core with two HiSeq2500s, one MiSeq, and one PacBio Sequel. Academia Sinica is well-equipped with modern research facilities. The position will be open until filled; however, the first review will be conducted in **mid-Sept 2017**. Applicants should submit the names and e-mail addresses of three references along with CV (including a list of publications), 3–5 representative papers (pdf files), and a statement of past accomplishments and future research interests to Ms. Miao-Suey Lin ([zomslin@gate.sinica.edu.tw](mailto:zomslin@gate.sinica.edu.tw)). Please indicate the rank to which you want to apply: our “assistant research fellow” is equivalent to “assistant professor”.

### Tenure-Track Position in Microbial Diversity - Effective 03 June 2017

The Biodiversity Research Center, Academia Sinica (BRCAS; <http://biodiv.sinica.edu.tw/>), Taipei, Taiwan, invites applications for one tenure-track position in Microbial diversity at the Assistant or Associate Research Fellow level, is equivalent to “assistant professor” or “associate professor”. The applicant must possess a PhD, preferably with postdoctoral experience and a successful track record of scientific productivity.

We seek outstanding candidates in any area of microbiology who utilize various approaches (high throughput culturing, systematics, phylogenetics, molecular biology, ecology) to study microorganisms in fundamental and environmental contexts. We especially encourage candidates with research interest in areas of microbial ecology, diversity of microorganisms and microbial genomics.

BRCAS wishes to strengthen research in microbial diversity and systematics. The center provides each PI with some internal support and good start-ups for new PIs. The center consists of four divisions: Marine biodiversity and ecosystems, Terrestrial biodiversity and ecosystems, Molecular and genomic evolution, and Microbial biodiversity. It is in charge of a sequencing core with one Pacbio Sequel, two HiSeq2500's and one MiSeq and Academia Sinica is well equipped with modern research facilities.

The position will be open until filled; however, the first review will be conducted in **mid-September 2017**. Applicants should submit the names and e-mail addresses of three references along with CV (including a list of publications), 3–5 representative papers (pdf files), and a statement of past achievements and future research interests to Ms. Miao-Suey Lin ([zomslin@gate.sinica.edu.tw](mailto:zomslin@gate.sinica.edu.tw)). Please indicate the rank to which you want to apply.

# Faculty Positions in Metabolic Engineering and Functional Demonstration of Herbal Medicine Agricultural Biotechnology Research Center (ABRC) Academia Sinica, Taiwan

Applications are invited for tenure-track research fellow or non-tenure track research specialist positions. The successful candidates are expected to develop and/or join a rigorous research program in the fields of biosynthesis and engineering of plant/microbial secondary metabolites with medicinal activities, biological study for use of herbal medicines and their derived compounds in modulating inflammatory diseases, such as cancer, immune disorders, and metabolic syndrome. We are particularly interested in applicants who are seeking a highly collaborative and innovative research environment.

The ABRC is developing integrated research programs in Herbal Medicines and Integrative Plant Stress Biology. Several new faculty hires are anticipated over the coming years. For more information of ABRC and Academia Sinica, please visit our websites at <http://abrc.sinica.edu.tw/> and [http://www.sinica.edu.tw/main\\_e.shtml](http://www.sinica.edu.tw/main_e.shtml)

**Qualifications:** Ph.D. and postdoctoral training and experience in biosynthesis and engineering of bioactive compounds in plants and microbes, and natural product chemistry, emerging omics and pharmacological technologies in studying bioactivity of herbal medicines will add advantage to the application.

Applicants should submit the following materials online, at <http://abrc.sinica.edu.tw/jobs/>: (a) Cover letter; (b) Curriculum vitae, including publications; (c) A summary of research accomplishments; (d) Specific and focused description of future research plans; (e) PDF copies of major publications; (f) Names and contact information for three referees. Candidates should arrange three (or more) letters of recommendation for direct submission by the referees to: [abrc@gate.sinica.edu.tw](mailto:abrc@gate.sinica.edu.tw) or by sending to regular postal mail address: Faculty Search Committee, Agricultural Biotechnology Research Center, Academia Sinica, No. 128, Academia Rd. Sec. 2, Nankang, Taipei 11529, Taiwan.

Review of candidates will begin timely and continue until the positions are filled.

**Submit your Application**



## Multiple Tenure-Track and Tenured Faculty Positions, Academia Sinica, Taiwan

The Institute of Atomic and Molecular Sciences in Academia Sinica, one of the most eminent research institutes in Taiwan, invites applications for multiple tenure-track or tenured faculty positions in the following areas:

1. The **Chemical Dynamics and Spectroscopy** group is searching for new faculty members specializing in chemical reaction kinetics and dynamics, spectroscopy, or theoretical chemistry. Applicants who are interested in atmospheric chemistry, chemistry of unstable species or quantum chemistry are especially welcome. However, for any candidates with promising potential, we are open-minded about their research fields, which can range from fundamental to applied physical chemistry.
2. The **Atomic Physics and Optical Science** group invites applications from individuals interested in theoretical quantum many-body physics with ultracold quantum gases and theoretical quantum optics. The group has existing strengths in experiments of quantum gases, cold-atom based quantum optics and nonlinear optics, as well as ultrashort and ultrahigh intense lasers.
3. The **Biophysics** group invites applications from individuals interested in technology development to address biological problems, including but not limited to advanced microscopy, nanotechnology, bioinstrumentation, protein design, chemical biology, and biosensors.
4. The **Advanced Materials and Surface Science** group is searching for new faculty members specializing in the synthesis, characterization, simulation, and applications of advanced materials. Applicants who are interested in fundamental physics and chemistry of materials, surfaces, and nanostructures are especially welcome.

Candidates at the Assistant, Associate, and Full Research Fellow (equivalent to Assistant, Associate, and Full Professor) levels will be considered. They must have a Ph.D. degree and will be expected to develop an internationally recognized research program. Adequate start-up packages will be provided to set up the laboratories. Please send the application package containing a cover letter, a full CV with a complete publication record, a research proposal, and at least three letters of recommendation to [facultysearch@pub.iams.sinica.edu.tw](mailto:facultysearch@pub.iams.sinica.edu.tw). Address all correspondence to:

Dr. Jung-Chi Liao  
Faculty Search Committee  
Institute of Atomic and Molecular Sciences  
Academia Sinica  
Room 222, P.O. Box 23-166  
Taipei, 10617, Taiwan

## 物理所職缺與徵才

Institute of Physics will have about 10 faculty reaching the retirement age in the next several years, hence we are actively recruiting. Qualified candidates in all physics disciplines are welcome to apply for a faculty position. The rank depends on qualification of candidates.

Candidates in the following areas are especially encouraged to apply:

1. Condensed-matter physics including theory, simulation, quantum material synthesis and characterization. Priorities are on synthesis of novel 2D materials, hetero-layer systems, hybrid soft and hard material systems etc. and their new characterization techniques like angle-resolved photoemission spectra (ARPES).
2. Particle physics for both experiments and theories, with emphasis on gravity, cosmology, and particle physics.
3. Biophysics and soft-materials including theory, simulation and experiment.

**Overview and opening positions  
of Institute of Chemistry, Academia Sinica**

**2017.06**

The Institute of Chemistry was among the first several institutes established when Academia Sinica was founded in 1928 in Nanking. In the past two decades, the Institute has witnessed major growth both in resources and state-of-the-art research infrastructures to evolve from an institution of purely fundamental research to devoting on both fundamental as well as translational researches. The Institute now consists of 27 laboratories, each led by an independent principal investigator, with a total work force of 340 including research assistants/postdocs, graduate students plus technical and administrative staffs. The research thrusts of the Institute are currently grouped along three major directions: materials chemistry, chemical synthesis and catalysis, and chemical biology. An affiliated SCST-TIGP program was launched in the fall of 2014 through collaborative efforts with National Chiao Tung University, with the emphasis in three research areas: sustainable materials, sustainable life science, and sustainable catalysis & chemical synthesis.

Current Faculty Member Overview

Title	Number	Remarks
Research Fellow	13	Four research fellows will retire by 2020.
Associate Research Fellow	9	
Assistant Research Fellow	4	A new assistant research fellow will join in August, 2017.
Senior Research Specialist	1	One opening position available

Faculty Qualifications

**1. Research Fellow**

The IoC is recruiting prominent researchers for tenure-track faculty positions (Assistant, Associate, or Full Research Fellow). The qualification of applicants must be recognized as excellent researcher. Three opening positions are expected between 2017—2020.

- (1) Ph.D. in chemistry or closely related fields plus more than one year postdoc experience.
- (2) Academia Research expertise in material chemistries, catalysis, synthetic methodology, chemical biology, or sustainable chemistry.

**2. Senior Research Specialist**

The position of Research Specialist was created in recent years in an attempt to establish a track to keep professional technical scientists, who are crucial to the

development of technical infrastructure for the advancement of research. The IoC is recruiting technical expert (Assistant, Associate, or Full Research Specialist) holding Ph.D. or MS degree and two-year research experience in catalysis for sustainable energy, total synthesis, or proteomics.

## 中央研究院地球科學研究所職缺狀況與徵才條件說明

- 一、本所研究人員近年來因離退急遽減員，研究人員在過去三年從 28 人減為目前的 24 人，包括研究員 10 人，副研究員 8 人，及助研究員 6 人。近兩年僅有一位助研究員(地震學)到聘，另有一位助研究員(大地測量學)已通過學組聘審會審查，預定年底前到聘，今年初院方核准增列的(構造地質)員額乙名，本所原已有擬聘人選，但該員已另有生涯規劃，本所現重新物色人選中。目前又有兩位研究人員將要在一年內退休或離職，本所為保持在國內地球科學研究領域之龍頭地位並提升國際聲譽，亟需新鮮血液的輸入。
- 二、本所近年來地球化學研究領域減員情況最為嚴重(最近六年內由原十二位研究人員遽減為六位)，對於輸入新血的需求最為強烈。其次，本所近年來新開闢高溫高壓礦物物理研究領域，實驗室建設已經初具規模，然而該領域目前僅有一位研究人員，亟需加強研究力量，以達致群聚效應 critical mass。
- 三、本所對於新聘研究人員已有可提供的辦公室空間及實驗室儀器設備，行政團隊亦會努力給予全力的配合與協助。本所亦為新進研究人員分派資深同仁作為 mentor，提供必要的建議，以使其更好地適應新的環境。
- 四、綜上所述，本所積極徵求在地球化學及礦物物理兩個研究領域具有高度熱誠、具體研究成果與明確未來研究方向的學者專家，並作為本所當前延攬人才的主要目標。

# Research Fellows

## Position Description/CITI Summary

The Research Center for Information Technology Innovation (CITI), Academia Sinica, in Taiwan, invites highly qualified individuals to apply for tenure-track faculty positions in the general areas of computer science and electrical engineering. The current hiring includes the positions of assistant research fellow, associate research fellow, research fellow, and distinguished research fellow, which are equivalent to the ranks of assistant, associate, full, and distinguished professorship in universities, respectively.

Academia Sinica is the national academic research institution in Taiwan and conducts research on a broad spectrum of subjects in science and humanities. The Research Center of Information Technology Innovation (CITI) is committed to high quality research in information science and technology. In addition to research funding supported by Academia Sinica, external funding through government agencies and industry-sponsored institutions is also available

## Qualifications and Duties

We are particularly looking for candidates in data science, AI, systems, networking, and security areas. Candidates for the position of research fellow should have a Ph.D. degree in computer science or closely related fields with a good research background and publication record. Senior candidates must demonstrate strong leadership, and have an international reputation evidenced by publications, patents, industrial practical experience, or other academic and scholarly achievements. Academia Sinica is a research oriented institute and teaching duties are not required.

## Rank and Benefits

All applications will be reviewed periodically. The rank and salary are commensurate to candidate qualifications. Additional salary support up to 40% from the Advancement of Outstanding Scholarship and up to 20% from MOST is available for applicants with exceptional qualifications. Subsidized housing is also available for the first six years.

## Application Materials

All applicants should send 1.detailed curriculum vitae, 2.research statement and future research direction, 3.publication list, 4.a copy of selected publications (up to 5), 5.Photocopy of PhD diploma, and at least three letters of recommendation to:

Dr. Yen-Nun Huang, Acting Director

Email: [yemunhuang@citi.sinica.edu.tw](mailto:yemunhuang@citi.sinica.edu.tw) or by postal mail to

Dr. Yen-Nun Huang, Acting Director, CITI

NO. 128, Academia Road Section 2, Taipei City 11529, Taiwan.

Research Center for Information Technology Innovation, Academia Sinica