PROMOTION 2015
2\textsuperscript{Nd} Call of offers
(12 months, 18 months or 24 months)

Call for candidates: February 25\textsuperscript{th}, 2015

FFCSA’s Fellowships are awarded for 12 months, 18 months or 24 months.

They are exclusively aimed at candidates living in mainland China who wish to come to France. Chinese scholarship holders currently in France who are seeking to extend their stay are not eligible to apply.

Fellowships offered are aimed exclusively at post-doctoral scholars, who have obtained their Ph.D. before the end of December 2014 and within the last 6 years and are under 40 years of age. A fluent knowledge of English is a pre-requisite for admission.

Selection of candidates is a three-stage process:

1) call of offers, and short-listing of candidates in China, under the guidance of China Scholarship Council (CSC) and the Chinese Academy of Sciences (CAS).

2) interviews in China, in Beijing and Shanghai, by an FFCSA expert panel from France (candidates’ travel costs to the interview locations are at the candidates’ expense).

3) Final decision in France by the FFCSA’s Scientific Council on the candidates selected and on their host laboratories in France, with the confirmation of CSC and the CAS.

The timetable for the second call of offers promotion 2015 award is as follows:

- \textbf{February, 25\textsuperscript{th}, 2015}: Call of proposal publication in French, English and Chinese of the Fellowships offered for promotion 2015.

- \textbf{April 19\textsuperscript{th}, 2015}: deadline for applications in China and in France.

- \textbf{From April 27\textsuperscript{th} till April 30\textsuperscript{th}, 2015}: interviews of short-listed candidates in Beijing or Shanghai by examinators send by the FFCSA; ranking of candidates for each fellowship offered.
May 27th, 2015: final decision on candidates selected by the FFCSA’s Scientific Council, with the confirmation of CSC and the CAS; candidates selected will be immediately informed and will be required to start learning French before leaving China (stage in charge of the CSC).


July, 2015 arrival in France of candidates selected.

The international plane fare from China to France and return is taken in charge by the CSC. The travel cost to provincial France when necessary will be covered by the FFCSA. The total amount of the fellowship is € 2 500 net per month. The cost of health insurance is covered by the FFCSA.

Whichever the date corresponding at research work during the fellowship, publications should mention imperatively the help of the FFCSA and CSC.

During his/her stay in France, each scholar will be counselled by the FFCSA whose task is to ensure the harmonious integration of the scholar and the smooth development of his/her research programme. The scholar’s return to China is mandatory. FFCSA had created an Alumni Club in January 2005.

For the class 2015, 12 months, 18 months or 24 months, beginning July 2015, 18 fellowships offered are in the following subjects in the laboratories selected by the FFCSA:

- Control of pancreatic development in rodent and human.
- Identification of the molecular events leading to prostate cancer using mouse models established through conditional somatic mutagenesis.
- Immunological properties of mesenchymal stem cells and their applications in transplantation and regenerative medicine.
- Surface reactions in lithium ion batteries
- Hot cracking of nickel based alloys
- In vivo and in vitro analysis of the potential ability and fate of ACE+ identified pre-Hematopoietic Stem Cells of the early human embryo.
- Analysis of Transfusion-related acute lung injury in mouse models humanized for the expression of HLA class I molecules: role of human antibodies and analysis of cellular responses using in vitro and in vivo systems.
- The reconstruction of the digital holograms
- Synthesis of supported porous and nanoparticles oxides and mixed-oxides on monolithic catalytic reactors
- Model strong interactions between irregular porous particles immersed in a circulating liquid.
- Atom interferometry gravity sensors
- Novel nanostructured materials for thermoelectrics
- Corrosion at the nanoscale
- Elastin derivates biopolymers to design parental drug delivery systems
- Dissection of molecular mechanisms controlling tissue formation in rice roots
- Infra-red laser metrology and development
- The roles of the death receptors in cancer biology, with the focus on the Fas/CD95 signalling in the control of life and death of cells in relation to cancer therapies
- Imaging of small vessel disease; predictors of clinical decline and disability and assessment of new biomarkers. Biological and clinical correlates

**IMPORTANT**
If the applicant chooses 2 thematics, he /she has to give his/her preference whether A or B
Candidates application’s package should include (see the application form):
- a detailed CV,
- a motivation letter pointing out either the suitability of your CV,
- the scientific publications,
- the research grants,
- and two letters one from the head of the laboratory and one from the President of their University or from a Science Academician if he or she is not working in a University.

Candidates should send their application package by **e-mail** at all the following addresses ffcsa@academie-sciences.fr and yzhang@csc.edu.cn and xflu@cashq.ac.cn
The deadline is April 19th 2015.
Applications should be send in parallel by **mail** to Mme ZHANG Ying, Project Officer, Division of Cooperation and Consultancy, China Scholarship Council,9-A3 Chegongzhuang street Beijing 100044, P.R.China, e mail : yzhang@csc.edu.cn.

The China Scholarship Council will inform the FFCSA and the Chinese Academy of Sciences of the progress timely.
Chinese version and forms are available http://www.csc.edu.cn
the post-doctoral fellowships offered is also available at URL http://www.csc.edu.cn and on the website of the Chinese Academy of Sciences, French and English versions are available at URL http://www.academie-sciences.fr/activite/inter.htm and http://www.ffcsa-club.org/fr/newscenter.html