

State Key Laboratory for Modification of Chemical Fibers and Polymer Materials (SKLFPM, Donghua University)

Application Instructions and Regulations of Open Research Fund

(Revised in 2014)

In order to promote domestic and international academic communication and cooperation, expand the function of SKLFPM as a center of academic communication and scientific research and improve the research level of SKLFPM in the related field, the regulations are set according to “*The Administrative Regulations for the Construction of State Key Laboratories*”, “*The Administrative Regulations for the Management of Special Funds for State Key Laboratories*” and the development plan of SKLFPM.

1. Brief introduction about SKLFPM

Since it was founded in 1992, SKLFPM has successfully passed national assessments in 2003, 2008 and 2013. During these years, it has made significant achievements in many fields such as attracting disciplinary talents, promoting the development of scientific research, constructing the research platform, expanding the academic communication under the guidance of all laboratory leaders and the policy of SKLFPM, “*Openness, Mobility, Cooperation, Competition*”.

The SKLFPM has 61 settled staffs including 54 senior research staffs, one academician of the Chinese Academy of Engineering, four winners of China National Funds for Distinguished Young Scientists, one winner of the National Science Fund for Excellent Young Scientists, two staffs elected to the Chang Jiang Scholars Program

of the Ministry of Education , two staffs elected to Recruitment Program of Global Experts (the Organization Department of the Central Committee of the CPC), one staff elected to Recruitment Program of Global Youth Experts (the Organization Department of the Central Committee of the CPC) and four staffs elected the New Century National Hundred, Thousand and Ten Thousand Talents Project.

The present research fields of SKLFPM mainly include: 1) High performance fibers and composite materials; 2) Functional fibers and low-dimensional materials; 3) Environmentally friendly and bio-based fiber materials.

In 2013, SKLFPM undertook 143 national and provincial scientific research projects, including 5 items of "973" programs and seven items of "863" programs, 1 item of Military Pre-Research Project, 5 items of National Sci-Tech Supporting Plan, 48 items of National Natural Science Foundation of China (1 item of National Science Fund for Distinguished Young Scientists, 2 key projects of the State Key Program of National Natural Science Foundation of China); 152 R&D projects cooperated with industry circle, in which 14 patents were transferred to related companies. Since 2008, the laboratory had won 6 items of the second prize of National Award of Scientific and Technology Progress, 39 items of the prize of Provincial/Ministerial Award of Science and Technology Progress and the prize of Provincial/Ministerial Award of Invention, in which 5 items were the first class prizes of provincial and municipal awards of science and technology progress, 6 items were the first class ministerial award. SKLFPM had published 1796 academic papers and 515 authorized invention patents.

2. The application object of the open project

The applicant of the open research fund should at least have an associate professor position or Ph. D degree and get some teaching, research or engineering experiences in domestic or foreign well-known universities, research institutions and companies. In order to improve the growth of young scientists, SKLFPM preferentially supports applicants under 45 years old. The duration of research project normally ranges from six months to two years.

3. The application procedures and management measures of open projects

a) Application time

According to the application guide.

b) Application subject

According to the research directions of SKLFPM (see Section 4 of this guide), please fill “*The Open Project Application Form of State Key Laboratory for Modification of Chemical Fibers and Polymer Materials, Donghua University*”, and submit duplicate hardcopies and electronic edition. The application form should be approved and sealed by the applicant’s institute before submitting the proposal to SKLFPM.

c) Project approval

Each project can be wholly or partially supported 50, 000 to 150, 000 RMB by the laboratory tentatively at the present stage. The specific amount of the funds will be determined by experts and the academic committee of SKLFPM. The project not supported by SKLFPM should be examined and approved by the director of the laboratory. The applicant will get a notice after the project has been approved and signed by the director of the academic committee of SKLFPM and the director of the laboratory.

d) Use of the open research funds

Fund books should be set up and the funds should only be used for the specific project by the applicant according to the Financial Regulations of Donghua University on Government Sponsored Research Funds. The research funds will be allocated twice. The first 50% of the total funds will be allocated once the project has been approved, while the rest will be issued when the applicant pass the medium-term inspection. The rest of the funds can be used in the next year of the research period, but cannot be used for other purpose. The remaining funds should be returned to SKLFPM when the project is finished. If the project is supported by other sponsors instead of SKLFPM, the remaining funds should be returned to the original sponsors.

Expenditure categories of the project:

- i. R&D expenditure directly related to the supported project;
- ii. Academic activity expenditure (publication expenses directly related to open project, printing and copying charges, the expenditure of attending domestic and international academic conference on behalf of SKLFPM);
- iii. Business trip and accommodation expenses for the project participants coming from their home city to Shanghai;

e) Medium-term inspection

The project carried out in the medium-term process has a medium-term inspection. Project leader should submit academic papers, research reports or stage summary according to the project's type and progress. If the medium-term inspection is qualified, the remaining funds will be allocated. If the project is interrupted for some reasons or the project has significant deviation from the progress plan, the financial support from the laboratory will be interrupted or cancelled.

f) Rules of final research project

The following materials must be submitted to the laboratory for archive when the project is finished or terminated.

- i. Final Research Project Report;
- ii. Photocopy of academic publications or patent;
- iii. The basic requirements of the final research project: at least one SCI paper must be published to finish the project. "State Key Laboratory for Modification of Chemical Fibers and Polymer Materials, Donghua University" must be set as the first affiliation of the author in the papers, patents and awards. The project also needs to be noted that "The project was funded by State Key Laboratory for Modification of Chemical Fibers and Polymer Materials, Donghua University" in the acknowledgment section of the publication. The laboratory will review completion of the projects by experts. The person who has the outstanding completion of the project will be funded preferentially in the next year project application. When the

project ends, the obtained related papers, patents, appraisal or review, the economic benefits of this project should be timely informed to the laboratory.

g) Notice about the ownership and transfer of project achievement

The laboratory and the institute of the researcher share the achievement of this project. As for the project funded by the laboratory, the related publication or patent transfer is required to obtain the laboratory's agreement. As for the project funded partially or wholly by other sponsors, the research contributors from all sponsors should be signed in the research reports, papers and patents. The publication or patent transfer is required to obtain the agreement from all sponsors.

4. Main research directions of the open projects supported by SKLFPM:

- 1) High performance fibers and composite materials;
- 2) Functional fibers and low-dimensional materials;
- 3) Environmentally friendly and bio-based fiber materials;
- 4) Other basic researches which help to enhance the research level of the laboratory.

5. Supplementary articles

SKLFPM reserves the final right to interpret the terms and conditions of this content. These measures shall be put into effect as of the date of release.

State Key Laboratory for Modification of Chemical Fibers and Polymer Materials

June 24, 2014