**外国资深学者研究基金团队试点项目申请书**

**填报说明(2022版)**

Instructions for Research Proposal of PGP RFIS-III (2022)

申请人应当按照《2022年度国家自然科学基金外国资深学者研究基金团队试点项目指南》的要求和《Research Proposal Outline for PGP RFIS-III\_Scientific Departments (A-H)》撰写申请书，在研究领域或研究方向范围内，凝练科学问题，根据研究内容确定项目名称，注意避免项目名称覆盖整个领域或方向。

外国资深学者研究基金团队试点项目一般由1个单位承担，确有必要时，合作研究单位不得超过2个，资助期限为3年。

The applicants should write the proposal following the requirements of the “Pilot Group Program of the Research Fund for International Senior Scientists (RFIS-III) Call for Proposal FY 2022”and “Research Proposal Outline for PGP RFIS-III\_Scientific Departments (A-H)”. In the application, the applicants need to identify the scientific questions in accordance with their research fields or research direction. The proposal should be entitled in line with the specific research content, instead of covering the entire research fields or generaldirection.

In general, all members of the PGPRFIS-Ⅲ should be based in the same host institution, unless if necessary, up to 2 cooperation institutions are allowable for each group.

**特别提醒申请人注意：**

**申请材料中不得出现任何违反法律法规、违反科研伦理的内容，不得含有任何涉密信息或敏感信息，依托单位须认真审核。因违反相关规定而导致的一切后果由申请人和依托单位负责。**

**Please note:**

**The application materials must neither contain any content violating laws, regulations or scientific research ethics, nor contain any confidential or sensitive information. The host institution is responsible for the examination and approval of the application materials. Or else, the applicant and the host institution will bear the consequences in case of any violation of relevant regulations.**

Research Proposal Outline for PGP RFIS-III\_Scientific Departments (A-H)(2022)

**Please detail your research proposal following the outline. Please do not delete or change the headings and the text in blue.**

**1. Major Academic Achievements**

This part should focus on the innovative aspects and scientific value of the applicant’s research achievements in the fundamental research field in recent years, as well as the academic level and advantages among peer researchersboth at home and abroad; meanwhile, please highlight the applicant’s capabilities on following the research trends, and identifying major scientific issues. The applicant’s ability of organization and coordination as well as his or her international impact should also be emphasized.

**2. Research Contents**

This part should focus on the innovative ideas, main research directions and research scheme of the proposal.

**2.1 Basis of the Project**

2.1.1Research significance and scientific basis of the project

2.1.2 Research progress at home and abroad

**2.2Research Contents and Working Plan**

2.2.1 Research objectives, contents, and key issues to be addressed

2.2.2 Proposed research plan, technical route and feasibility analysis

2.2.3 Research methods: subjects setting, research focus, andteam-work division

**2.3Features and Innovative Aspects of the Proposal**

**2.4 Annual Research Plan and Expected Outcomes**

**2.5 Research Basis**

2.5.1 Previous works and achievements related to this proposed research

2.5.2 Current experimental conditions, experimental conditions still lacking and possible solutions to make up (including the plan and feasibility to use the experimental conditions from other institutions)

1. **Other Issues That Should Be Specified**

(1) Have you applied for other NSFC programs this year? (If so, please list the programs and project titles and explain the differences and connections between those projects and this proposal.)

(2) Are you currently undertaking any research projects related to this proposal? (If so, please list the title and grant number of the research projects, your role in the projects, source of funding, starting and ending dates, and connection with this proposal.)

1. Have you (as PI or as participant) submitted applications to NSFC from more than one host institution in the same year? (If so, please list the program, title, and host institution of theapplications you submitted (as PI or as participant), and explain why you submitted the applications from differenthost institutions.)
2. Do you have any on-going NSFC grants applied through otherhost institutions? (If so, please list the grant number, program andtitle, host institution, starting and ending dates of the on-going grants, and explain why you applied through different institutions.)
3. Is there any career break in your education or work experience? (If so, please explain the reason.)

**Please list the resumes of the participants one by one according to the following template (The applicant's resume is automatically generated by the system and does not need to be filled out in this section) .**

Participants Resume

Format: Professional title, Department, Current institution, Country

Education (Please write in reverse chronological order; please list the names of your postgraduate supervisors)

Format: Beginning and ending year, Department,Institution,Country,Degree, Postgraduate supervisors (names of supervisors for Master and Doctoral Degree)

Research and work experience (in reverse chronological order)

Format: Beginning and ending year,Professional title/position,Department,Institution, Country

Other identity documents that have been used (Applicants should apply for NSFC projects with the same identity documents, and those who have used other identity documents to receive funding either as applicants or major participants should list such documents here.)

Format: ID type, ID number

Other research projects the applicant has undertaken either as PI or participant.

(In reverse chronological order, all the national-level scientific research projects in China undertaken by the applicant should be listed, no more than 10 items.)

Format: Funding source, Program, Grant number, Title, Beginning andending year of the project, Budget, Project status (Completed or On-going), PI/participant

**Representative research achievements and academic awards**

(Please note: ①Do not list the papers in the submission stage; ②For journal papers: list all the authors' names in the order at the time of publication, paper title, journal name, publication year, volume (issue) and page number (please explain the abstract papers); ③For conference papers, list all the authors' names in the order at the time of publication, paper title, conference names (or the title and page numbers of the conference proceedings), conference address, and conference time.④The marking of the first/corresponding author: it should be consistent with the formal publication of the paper; ⑤The applicant's name should be in bold in all representative research results and academic awards.)

Listed in the following order:

1. Representative publications (including papers and monographs, up to 5 items in total)
2. Other published works (in reverse chronological order, up to 5 items in total)
3. Representative research achievements and academic awards (including patents, invited conference reports and other achievements and academic awards.Please do not list papers and monographs here; up to 10 items in total)

The format of representative research achievements and academic awards is as follows (The format provided below is only for reference. The titles and examples in this part can be deleted):

**Journal Papers**

Format: Authors (in bold); Title, *Journal*, Year of publication, Volume (Issue): Pages.

**Conference Papers**

Format: Authors (in bold); Title of paper, *Conference name*, Conference address, Starting and ending date.

**Monographs**

Format: All authors;Monograph title (chapter title), Publisher, Number of words, Year of publication.

**Authorized invention patents**

Format: Inventor;Patent name, Time of authorization, Country, Patent number.

**Invited conference reports**

Format: Reporter; Report name, *Meeting name*, Meeting address, Meeting time.

**Other Achievements (please list them in the same format as they were published or made)**

**Academic awards**

Format: Awardees (Individual ranking/total number); Name of award-winning scientific research, Awarding Institute and State, *category of award*, Grade of award, Year (the list of all winners is attached below)