

112年跨領域永續研究整合型計畫：

臺灣國立大學系統年輕學者創新性合作計畫補助計畫書(格式)

2023 Integrated Project of Interdisciplinary Research on Sustainability- Innovative Collaboration projects for Young Scholars of NUST System

| | | | | | |
|---|---|---------------|-------------|-------------------|----------------------|
| 總計畫名稱 Title of Main Project | 中文 Chinese | | | | |
| | 英文 English | | | | |
| 總計畫主持人 Chief Investigator | 姓名 Name | 中文 Chinese | | | 英文 English |
| | 服務單位 Affiliation | | | 系/所 Department | |
| 全程執行期限 Project Period | 自 112年 1月 1日 至 112年 12月 31日 From Yr Mo Day to Yr Mo Day | | | | |
| 申請經費總額度 Amount Requested for the Budget Period | NTD | | | | |
| 申請資料 Application Materials | <input type="checkbox"/> 計畫封面 Cover Pages of project (with Endorsement of Dean of R&D office) <input type="checkbox"/> 子計畫一/Subproject 1 <input type="checkbox"/> 子計畫二/ Subproject 2 <input type="checkbox"/> 子計畫三/ Subproject 3 <input type="checkbox"/> 研究計畫書/Research Proposals <input type="checkbox"/> 總計畫/Main Project <input type="checkbox"/> 子計畫一/Subproject 1 <input type="checkbox"/> 子計畫二/Subproject 2 <input type="checkbox"/> 子計畫三/Subproject 2 <input type="checkbox"/> 計畫主持人之個人資料表/Curriculum Vitae of Principal Investigators <input type="checkbox"/> 子計畫一/Subproject 1 <input type="checkbox"/> 子計畫二/ Subproject 2 <input type="checkbox"/> 子計畫三/ Subproject 3 <input type="checkbox"/> 經費需求表/Requested Budget for Entire Term of Project Period <input type="checkbox"/> 其他有助於審查之資料/Supplemental Materials | | | | |
| 主持人聲明書(合作單位合作者簽署之意願書) Affidavit of Principle Investigators | 總計畫暨子計畫主持人簽名 Signatures of Chief and Principal Investigators _____ _____ _____ | | | | 日期/Date: _____ |
| 聯絡人 Corresponding Person | 姓名 Name | | | | 職稱 Position/Title |
| | 單位 Department | | 電話 Phone | | 電郵 E-mail |

* 本表連同其他紙本資料一併寄送至總主持人之學校研發處窗口。

* 請另寄送電子檔至總主持人所屬學校之研發處承辦人。

計畫封面 Cover Page of Project

申請學校
Submitted from

| | | | | | |
|---|--|---------------------|--|-------------------|-------------------|
| 總計畫名稱 Title of Main Project | 中文 Chinese | | | | |
| | 英文 English | | | | |
| 總計畫主持人 Chief Investigator | 姓名 Name | 中文 Chinese | | 英文 English | |
| | 服務單位 Affiliation | | | 系/所 Department | |
| 全程執行期限 Project Period | 自 112年 1月 1日 至 112年 12月 31日 From Yr Mo Day to Yr Mo Day | | | | |
| 申請經費總額度 Amount Requested for the Budget Period | NTD | | | | |
| 子計畫一 Subproject 1 | 計畫名稱 Project Title | 中文 | | | |
| | | English | | | |
| | 主持人 Principal Investigator | 姓名 Name | | Name | |
| | | 服務單位 Affiliation | | | 系/所 Department |
| 子計畫二 Subproject 2 | 計畫名稱 Project Title | 中文 | | | |
| | | English | | | |
| | 主持人 Principal Investigator | 姓名 Name | | Name | |
| | | 服務單位 Affiliation | | | 系/所 Department |
| 子計畫三 Subproject 3 | 計畫名稱 Project Title | 中文 | | | |
| | | English | | | |
| | 主持人 Principal Investigator | 姓名 Name | | Name | |
| | | 服務單位 Affiliation | | | 系/所 Department |
| <p>補助原則：</p> <p>(一) 參與計畫人員應包括至少三校教研人員，成員中至少一位45歲以下即可，計畫主持人須為專任教師。</p> <p>(二) 計畫期間以一年為原則。</p> <p>(三) 計畫補助以跨領域永續研究為優先。</p> | | | | | |
| 簽章/日期 Signature and Date | 申請人 Subproject PI | | | 日期 Date | |
| | 研發長 Dean of R&D office | | | 日期 Date | |

總計畫/Main Project

繳交計畫前，請刪除說明/Please delete all the instructions before proposal submission.

總計畫內容以兩頁為限(標楷體12點、單行間距)，且包含下列項目

Limited to 2 pages (Times New Roman, 12 points, single space) and including the following sections:

1. 摘要與計畫願景/Synopsis and Long-Term Goals of the Project

2. 計畫背景、領域現狀、本計畫目的與預期效益/

Background, Current Status, Objectives, and Impact of the Project

This section presents questions addressed by the proposal.

Please describe the current state of the art and ongoing developments in fields relevant to your proposal. Provide an assessment of what further breakthrough needs. Comment on the position of your proposal with respect to the context developed above: for example, the position of the projected results at national or international level. With respect to competing with or complementary to literature work, patents and standards will be another example. Please cite necessary references.

3. 執行與整合方式/Approach and Project Structure

This section provides rationales for the methods and approaches that will be tailored to lift the crucial barriers and thus to reach the objectives defined above.

Please break the work package down into major tasks. Provide interdependencies and responsibilities within the subprojects and describe how previous experiences qualify the PIs for the task. Please also provide short profiles of the PIs and other key participating personnel who will be undertaking the work.

4. 年度具體檢核點/A List of Milestones Accomplished at the End of 2022

5. 參考文獻/References

第____子計畫/Subproject ____

計畫名稱/Project Title: _____

繳交計畫前，請刪除說明/Please delete all the instructions before proposal submission.

子計畫內容以兩頁為限(標楷體12點、單行間距)，且包含下列項目

Limited to 2 pages (Times New Roman, 12 points, single space) and including the following sections:

1. 計畫目的/Specific Objectives of this Subproject

Describe, for this subproject, the specific objectives and the significance, *e.g.*, prospects for academic excellence, originality and innovations in scientific research or technological development, and impact on the society and international competitiveness.

2. 本子計畫對整體計畫的貢獻/Contribution of this Subproject to the Synergic Integration

This section re-defines the questions of the main project yet from the aspect of this subproject. Describe how undertaking the aforementioned questions by this subproject furnishes synergic effect to this trilateral project.

3. 執行方式/Methods and Approach

This section justifies the methods, technical choices, and the approaches in which solutions will be brought. A brief background information might be necessary.

4. 參考文獻/References

經費需求表/Requested Budget for Entire Term of Project Period

金額單位/Unit: 新台幣元/NTD

| 項目 Budget Categories | 年份 Project Year | 一年 One Year 2023-01-01 ~ 2023-12-31 | | |
|--------------------------------|--------------------|--|----------------------|----------------------|
| | | _____大學 _____教師 | _____大學 _____教師 | _____大學 _____教師 |
| | | 子計畫一 Subproject 1 | 子計畫二 Subproject 2 | 子計畫三 Subproject 3 |
| 業務費 General Expenses | | | | |
| 研究人力費 Salaries and Wages | | | | |
| 耗材及雜項費用 Consumables | | | | |
| 合計 Total | | | | |

* 三校原則就計畫經費總額各補助三分之一為原則，仍須以審查結果及總體預算考量為主。

* 研究人力費不含計畫主持人費。

計畫主持人及子計畫主持人個人資料表

Personal Information of the Principal /Subproject Investigator

(可繳交自科技部下載的個人資料表 C301~4
Alternatively, the submitted materials can be
downloaded from your account at MOST.)

一、基本資料 Personal Information

| | | | |
|------------------------------|-------------------------|-------------------|--|
| 中文姓名 Chinese Name | | 國籍 Nationality | |
| 英文姓名 English Name | | 性別 Gender | <input type="checkbox"/> 男 Male <input type="checkbox"/> 女 Female |
| 出生日期 Date of Birth | 年 月 日 Year Month Day | 電話 Telephone | |
| 電子郵件 E-mail | | 手機 Cell Phone | |
| 專長領域 Area(s) of Expertise | | | |

二、主要學歷 Education (請填學士學位起至最高學歷)

(Please fill in education of bachelor level and up to the highest degree of education)

| 畢業學校 School | 國別 Country | 科系所或主修學門 Major | 學位 Degree | 起迄年月 Date (Start/End) |
|----------------|---------------|-------------------|--------------|--------------------------|
| | | | | __/__/__至__/__/__ |
| | | | | __/__/__至__/__/__ |
| | | | | __/__/__至__/__/__ |
| | | | | __/__/__至__/__/__ |

三、現職及與專長相關之經歷 Professional Experience

(請按時間先後順序由最近經歷開始填起/Starting with the most recent experience in chronological order.)

| 服務機關 Organization | 服務部門/系所 Department/Institute | 職稱 Position Title | 起迄年月 Date (Start/End) |
|----------------------|---------------------------------|----------------------|--------------------------|
| 現職 Present Position | | | |
| | | | __/__/__ |
| 經歷 Experience | | | |
| | | | __/__/__至__/__/__ |
| | | | __/__/__至__/__/__ |
| | | | __/__/__至__/__/__ |
| | | | __/__/__至__/__/__ |

四、請列個人最近五年內發表之學術性著作、包括期刊論文、專書及專書論文、研討會論文、技術報

告及其他有助於申請之著作，並請依各類著作之重要性自行排列先後順序。

Please provide a list of publication published within the last 5 years, including published papers in peer-reviewed journals, books, articles in books and in conference proceedings, technical reports, etc. Please list the item in the order of importance.