

FY2021 Application for FRIS Creative Interdisciplinary Research Program

Prof. Toshiyuki Hayase
Director of Frontier Research Institute for Interdisciplinary Sciences,
Tohoku University

Outline

One of the objectives of Frontier Research Institute for Interdisciplinary Sciences (FRIS) is adoption and promotion for basic research themes beyond the typical disciplines. FRIS has basic experiment facilities and devices to meet the demand of interdisciplinary studies.

We invite proposals for interdisciplinary themes and subjects in order to support the seminal studies of 6 domains of (1) Materials and Energy, (2) Life and Environmental science, (3) Information and Systems, (4) Device technology, (5) Human and Society, (6) Advanced basic science for ***“FRIS Creative Interdisciplinary Research Program”***. Submitted proposals are to be reviewed by FRIS committee. We encourage application from young researchers such as assistant prof., lecturer, associate prof..

We appreciate your application based on new original ideas and new points of view.

Guidelines for applicants

1. Eligible research group for application

A research group should consist of members from more than three of faculties (schools) or institutions in Tohoku University. FRIS member cannot apply this program as a principal researcher. You can also add another member(s) from other universities.

2. Research theme (subjects)

Interdisciplinary studies that can be coordinately carried out by the proposed members.

3. Adoption and Research period

The result of adoption will be informed **around the end of June 2021** after careful selection and research duration is 2 fiscal years **by March 31st 2023**.

4. Research budget

We will provide the research budget up to **1,000,000 yen** for each fiscal year for equipment and/or consumable supplies expenses. It may reduce depending on results of review at selection. It may not cover cost of running expense of laboratory, other expenses that should be allocated to other funding, e.g. expenses of office and stationery supplies. If you would like to add travel, rewards and manpower expenses, please enter the reason in the remarks column.

If you would like to use space of laboratory or desk in FRIS, please enter the reason in the remarks column. For using them, rental charge is required.

5. Eligibility and How to apply

Principal researcher (Research representative) should be a member of Tohoku University except FRIS as assistant professor, lecturer and associate professor. Especially, we encourage application from young researchers.

Applicants should fill in the application form (A4 2 pages) and follow directions. **Upload the PDF file through the following URL:**

URL: <https://forms.gle/PB7zCh2eLWuADEDd8>

Deadline is April 16th 2021, 17:00.

6. Number of adoption

Maximum 5 research subjects

7. Selection procedure

All of research proposals are to be reviewed by FRIS committee.

8. Report and Acknowledgements

You mandatory submit a report (proceedings) using the appropriate form after the end of each fiscal year. Besides, you have to present your results at the FRIS annual meeting scheduled in each fiscal year.

In case that you publish results obtained in the framework of this program, you acknowledge it as noting that “this research was supported by FRIS Creative Interdisciplinary Research Program in Tohoku University”.

9. Treatment

You should take care of management for safety and health, network management, research compliance, and follow all of rules or directions implemented by the university and the departments. If it is apparent that you violate those, we will stop supporting for your research.

10. Other grants

If you (research representative) have already got other research grants for related theme, please enter them in the remarks column.

11. Others

If you have any questions, feel free to ask Managing and planning section of FRIS:

Prof. Saida, (call extension 92-5752 or e-mail to jsaida@fris.tohoku.ac.jp)

Specially assigned associate professor Suzuki, (call extension 92-4353 or e-mail to suzukik@fris.tohoku.ac.jp).

FRIS Program for creation of interdisciplinary research

Subject			
Region	1. Material and Energy, 2. Life and Environment, 3. Information and System, 4. Device and Technology, 5. Human and Society, 6. Advanced Basic Science		
Principal Researcher	Department (Institution)・Position : Name (age) ()		
1 . Objective (Please describe the interdisciplinary aspect of your subject)			
Organization (member)			
Name (age)	Institution・Position・Research major・E-mail		Role (subject)
Budget			
	Amount (JPY)	Research space (if necessary)	
1 s t	Equipment Consumables		m ² (less than 2 2 m ²)
2 n d	Equipment Consumables		m ² (less than 2 2 m ²)
Sum		(JPY)	

Application form-2

2. Future vision after period of project

3. Experimental procedure

4. Necessity or role of FRIS

5. Remarks (If necessary, ex. Reason of a necessity of research space in FRIS or Reason for spending a part of budget as a travel fee, if you want)