

2022 Nagoya University Interdisciplinary Frontier Fellowship Application Guidelines

○ Qualified Enrollment Year

Doctoral Course	Scheduled entrants in April 2022
Doctoral Course in Medicine	Enrolled second-year doctoral students in April 2022 (Only individuals who will be second-year students in April 2022)

*For details other than the above, refer to 4. Application Qualifications.

2022 Nagoya University Interdisciplinary Frontier Fellowship Application Guidelines

1. Purpose

Nagoya University (hereinafter referred to as “the University”) aims to foster doctoral human resources who can **advance the interdisciplinary frontier, create future knowledge, implement it in society, and play an active role globally.**

The Nagoya University Interdisciplinary Frontier Fellowship (hereinafter referred to as “the Fellowship”) is an academic system designed to support both the research and the livelihood of students who enroll in the doctoral program of the University in the hope that they will acquire considerable knowledge and outstanding abilities during the three years of the doctorate program and will demonstrate their wide-ranging faculties cultivated through their experience in various fields in society after obtaining their doctoral degree.

Through this system, the University expects that successful doctoral graduates will contribute to the continued deepening of science and technology in Japan, the creation of next-generation science, technology, and innovation, and the construction of a vibrant society.

The University Fellowship Establishment Project for the Creation of Science and Technology Innovation of the Ministry of Education, Culture, Sports, Science and Technology and Nagoya University jointly implement this system.

2. Fields Open to Applications (Four (4) fields)

There are four fields. Each field has its own vision for the human resources it wishes to develop. (See Attached Table 1)

I: Creating the Future of Asia, II: Information and AI, III: Quantum Science, IV: Materials

[Points to Note]

- Each field accepts the application from the designated graduate schools and majors. (See Attached Table 2.)
- Each applicant can apply only one field. Multiple applications by one applicant are not allowed.

3. Number of applicants to be accepted

Creating the Future of Asia: 20

Information and AI: 20

Quantum Science: 10

Materials: 10

4. Application Qualifications

Applicants to this fellowship must be persons who meet (1) – (3) below (including applicants from countries outside Japan).

○ Doctoral Course—Expected to enroll in April 2022

○ Doctoral Course in Medicine—Scheduled second-year student in April 2022

(1) Terms of enrollment

Individuals who wish to enroll in the Doctoral Course of the University (Individuals enrolled in the first year of the Doctoral Course in Medicine) and who will be enrolled in the Doctoral Course in April 2022 (second year in the case of the Doctoral Course in Medicine) and who will be under 30 years of age as of April 1, 2022 (under 33 years of age for individuals assigned clinical trainings^{Note 1} in the Doctoral Course in Medicine).

(2) An individual who is recommended by an academic advisor at their institution or by a planned academic advisor in the doctoral course

(3) An individual who does not fall under any of the following at the time of admission to the Doctoral Course (second year in the case of the Doctoral Course in Medicine)

(i) Working student^{Note 2}

(ii) International student receiving scholarships via the Monbukagakusho Scholarship^{Note 3}

(iii) International student receiving scholarships from their home country^{Note 3}

(iv) Recipient of the Japan Society for the Promotion of Science's Research Fellowship for Young Scientists^{Note 3}

- Note 1: Training prescribed in Article 16 (2) of the Medical Practitioners' Act
- Note 2: MEXT defines "working member of society" as shown in the columned table below.
- Note 3: Individual who plans to apply to the (ii)–(iv) system may apply to this system. However, if the individual does not meet the application requirements when they start receiving this Fellowship grant, they will not be eligible to become a Nagoya University Interdisciplinary Frontier Fellow (hereinafter referred to as "Fellow") or a prospective Fellow.

Individuals included in the "enrolled doctoral students" in the Basic Research on Schools who are treated as "working members of society"

Below are several examples.

- (i) An individual who holds a job (an individual who is currently engaged in work for which he or she earns salary, wages, remuneration, or other ordinary income.)
- (ii) An individual who has already retired from work for which he or she earns salary, wages, remuneration, or other ordinary income
- (iii) A stay-at-home mother or stay-at-home father.

[Note] The following cases are considered working students.



- An individual who has graduated from an undergraduate or master's program, has become a working member of society once, and has newly enrolled or been admitted to a doctoral course.
- Those who have graduated from medical school and have experience as a working member of society during training periods other than the clinical training period prescribed by the Medical Practitioners' Act or the Dental Practitioners Act.

5. Fellowship Grant (hereinafter referred to as the “Grant”)
Fellows receive the following financial grants:
 - (1) Research support grant: ¥160,000 per month
In principle, the research support grant is transferred to the individual’s account by the end of each month. As this income is classified as miscellaneous income, a tax return ^{Note} is required every year.
Note: International students may not be required to file a tax return by following tax treaty procedures.
 - (2) Research expenses ¥250,000 annually
The University manages research expenses. Expenditures will be made in accordance with the University’s accounting procedures and each Fellow’s research plan.

 6. Pay period
The grant payment period is three years. (However, the payment period may be shortened if the payment suspension/stoppage requirement is met.)

 7. Application documents (Combine Forms 1–3 and submit as a PDF)
 - (1) Nagoya University Interdisciplinary Frontier Fellowship Application (Form 1)
 - (2) Research Outline (Form 2)
 - (3) Academic Advisor Recommendation (Form 3)

 8. Application process (For details, refer to separate manual for how to apply.)
Applications may be completed using the following process.
 - (1) Registration via the pre-application registration form (registration of applicant information only. Application documents are not submitted at this stage.)
Pre-application registration period:
Friday, March 26 to Friday 16, 2021 at 14:00 PM
- The URL for the pre-application registration form is listed below. (Next Page)

<p>Internal applicants (Individuals enrolled at Nagoya University who have been issued a Nagoya University ID)</p> <p>URL:https://dec.nagoya-u.ac.jp/inquiry/application_form1</p> 
<p>External applicants (Individuals not considered internal applicants)</p> <p>URL:https://dec.nagoya-u.ac.jp/inquiry/application_form2</p> 

- Fill in the necessary information using the pre-application registration form and apply. Note that we will not accept applications received after the application period under any circumstances.
Points to Note
- The pre-application registration form is a **required step** to receive an application number, so be sure to complete it by the deadline.

(2) Submitting your application

Submission period: Monday, April 5 to Monday, April 19, 2021 at 14:00PM

- (i) Internal applicants (Individuals enrolled at Nagoya University who have been issued a Nagoya University ID)

Submit your application using Nagoya University Collaboration and Course Tools (NUCT)

For those who have applied in (1), the site information for the application field will be displayed on NUCT 1–2 days after registration (if you registered on a Saturday, Sunday, or holiday, the next weekday). Applicants are asked to download the application documents from the website or the Doctoral Education Consortium website, prepare the application documents, use the project submission function of the NUCT application field site, and submit their application by **Monday, April 19,**

2021 at 14:00PM

- (ii) External applicants (Individuals not considered internal applicants)

Sending applications by email

Those who have applied in (1) will receive an email to their registered email address notifying them of their application number 1–2 days after registration (if you registered on a Saturday, Sunday, or holiday, the next weekday). Applicants are asked to download the application documents from the Doctoral Education Consortium website, prepare the application documents, and submit their application to the email address below by **Monday, April 19, 2021 at 14:00PM**

- (Note that the time it is received is determined by when it is received by our email server)

If you have submitted your application, you will receive a confirmation email

1–2 days (if you registered on a Saturday, Sunday, or holiday, the next weekday) after your application is received. If you do not receive a response, contact the following email address.

○ Contact Us: nu-fellowship2@adm.nagoya-u.ac.jp

Note that it is not <nu-fellowship>.

9. Screening and results

(1) Screening

We will conduct a 1st screening (document screening) and a 2nd screening (interview screening). The 2nd screening (interview screening) will be conducted for those who passed the 1st screen (document screening). We will notify those who are eligible for the 2nd screening (interview screening) around the middle of May 2021. The scheduled dates for the second screening is listed below. Keep these dates available.

Points to Note

- The 2nd screening (interview screening) will be held on the following dates and times. Note that we cannot accept any requests regarding dates and times.

Interview screening dates:

Tuesday, May 25 and Wednesday, May 26 9:00–18:00

(2) Screening policy

Evaluation items are as follows and will be evaluated based on individual factors. Refer to the Attached Table 1 for the Screening criteria for each field.

- Applicants must understand the purpose of the fellowship program, proactively participate in the program, and be willing to interact with students and researchers from other fields.
- Applicants must be sufficiently expected to become capable doctoral human resources in the future.
- Applicants must bring unique research methods, and research targets must be set appropriately for three years.
- Applicants must be clearly aware of their career path after obtaining their doctorate and demonstrate the ability to cultivate the capabilities needed over the three years.

(3) Notification of results

Successful candidates will be notified as follows. Only successful candidates will be notified.

Notification date: Monday, May 31

○ Notification methods

- Internal applicants (Individuals enrolled at Nagoya University who have been issued a Nagoya University ID)
- Notification via the Nagoya University Portal (NUPortal: https://portal.nagoya-u.ac.jp/).
- External applicants (Individuals not considered internal applicants)
- Notification via the email address registered at the time of application.

10. Obligations of Fellows

As recipients of financial grants, Fellows are subject to the following obligations.

- (1) Submission of a report on research for the year and a research activity plan for the following year and thereafter.
- (2) Meetings with their academic advisor.
- (3) Application to the Japan Society for the Promotion of Science's Research Fellowship for Young Scientists
- (4) Participation in lectures, training, seminars, etc. certified by subject fields
- (5) Training on the use of public funds and participation in research ethics education designated by the University.
- (6) Registration of data on the implementation status of obligations in designated systems.
- (7) Cooperation with inquiries after the fellowship period.
- (8) Other matters required by the University.

11. Suspension of grant payments

Grant payments will be suspended if any of the following apply.

- (1) Withdrawal, expulsion, or transfer from the University.
- (2) Suspension from the University.
- (3) Poor academic performance.
- (4) Failure to report research results for each year.
- (5) Existence of a reason research grant payments are deemed no longer necessary
- (6) Application qualification (3) (i)–(iv) is met
- (7) Existence of fact(s) other than (1)–(6) that are inappropriate for a recipient

12. Returning grant funds

If there are grant funds that were received despite the individual being ineligible due to the suspension or stoppage of payment, the portion of the funds that were paid that the individual is not eligible to receive must be returned to the University.

13. Obligation regarding cooperation with inquiries after the fellowship period

This system is operated with assistance from the Ministry of Education, Culture, Sports, Science and Technology's University Fellowship Establishment Project for the Creation of Science and Technology Innovation. Therefore, surveys may be conducted on participants' current employment status and so on in the 10 years following the end of this program. Previous participants may be contacted even after the fellowship period has ended. If your address, place of employment, email address, and so on has changed, be sure to contact the University's point of contact (Doctoral Education Consortium).

Inquiries Regarding the Frontier Fellowship

Education Planning Division,

Education & International Affairs Department

Doctoral Education Consortium

Inquiry Form

<https://dec.nagoya-u.ac.jp/inquiry/top>



	Creating the Future of Asia		Information and AI		Quantum Science		Materials		
The objectives of this fellowship and image of researchers to be fostered	The fellowship will foster doctoral experts who will create future knowledge, implement it in society, and play an active role globally. This fellowship will provide opportunities and programs related to research and education in the interdisciplinary frontier with students who aim to coexist with Asian countries, contribute to SDGs, and build a prosperous and vibrant society.		The fellowship will foster doctoral experts in the Information and AI field who will create future knowledge, implement it in society, and play an active role globally. These experts will support, lead, and advance mobility field and medical fields of basic medicine, drug discovery, medical care, and precision prevention medicine. The experts will also contribute to a wide range of fields including humanity and social science, physics, mathematical sciences, and agriculture.		The fellowship will foster capable doctoral experts in the Quantum Science field who will play an active role globally. These experts will develop academic research that integrates a broad range of research levels, from mathematics and science that form the theoretical basis of quantum science to the application of quantum devices using semiconductors.		The fellowship will foster doctoral experts in the Materials field who will be the driving force of material innovation in Japan. These experts will acquire research skills to produce innovative products from a comprehensive perspective covering basic theory and application. They will develop an interdisciplinary frontier of materials science with other disciplines such as electrical and electronic engineering, machinery engineering, information, energy, biology, medicine, and agriculture.		
Screening criteria	(1) Applicants must understand the purpose of the fellowship program, proactively participate in the program, and be willing to interact with students and researchers from other fields. (2) Applicants must be sufficiently expected to become capable doctoral human resources in the future. (3) Applicants must bring unique research methods and research topics must be set appropriately for three years. (4) Applicants must be clearly aware of their career path after obtaining their doctorate and demonstrate the ability to cultivate the capabilities needed over the three years.								
	(5) Applicants should be interested in interdisciplinary frontier research and be concerned with Asia-related development such as coexistence with Asian countries.		(5) Applicants should propose and implement research projects that use information and AI technology. The research fields include information and AI, mobility, and such medical fields of basic medicine, pharmaceutical science, medical care, and precision prevention medicine. Humanity and social science, physics, mathematical sciences, and agriculture are additional applicable research fields.		(5) Applicants should intend to participate in academic research that integrates a wide range of levels from basic physics to applied research in the field of quantum science. It is preferred that applicants have experience in the above activities or have participated in related programs.		(5) Applicants should be prepared to participate in academic research that integrates a broad range of research levels, from the basic theory that forms the basis of quantum science to applied research. Applicants should propose an interdisciplinary research project. This fellowship field prefers applicants who have experience related to the research described above or have attended related programs. Interdisciplinary research is highly valued in this program.		
Lectures, training, seminars, etc. common to all fields [Required]	[1] University-sponsored research presentation meeting with invited visitors from outside corporations, etc. (Participation more than once during D1 and D2 years.)								
Lectures, training, seminars, etc., in the subject field [Required]			[1] A course on programming offered by a graduate school or WISE program		[1] University-sponsored research presentations that create cross-departmental collaborative research				
Lectures, training, seminars, etc. approved by the subject field [Required elective] (Fellow point*: FP)	Creating the Future of Asia		Information and AI		Quantum Science		Materials		
	*Students must select one of the following options and obtain at least 30 FPs while enrolled in a graduate school (by the end of the fellowship).		*Students must select one of the following options and obtain at least 30 FPs while enrolled in a graduate school (by the end of the fellowship).		*Students must select one of the following options and obtain at least 30 FPs while enrolled in a graduate school (by the end of the fellowship).		*Students must select one of the following options and obtain at least 30 FPs while enrolled in a graduate school (by the end of the fellowship).		
	Maximum FP	Maximum FP	Maximum FP	Maximum FP	Maximum FP	Maximum FP	Maximum FP	Maximum FP	
	Maximum FP: While students may obtain more FP points than the maximum FP, only the maximum FP will be counted as the total FP.		Maximum FP: While students may obtain more FP points than the maximum FP, only the maximum FP will be counted as the total FP.		Maximum FP: While students may obtain more FP points than the maximum FP, only the maximum FP will be counted as the total FP.		Maximum FP: While students may obtain more FP points than the maximum FP, only the maximum FP will be counted as the total FP.		
	Seminars, etc.	[1] Participation in transferable skills training, language training, career path seminars, interdisciplinary research seminars, graduate student planning seminars, etc.	6FP	[1] Participation in transferable skills training, language training, career path seminars, interdisciplinary research seminars, graduate student planning seminars, etc.	8FP	[1] Participation in transferable skills training, language training, career path seminars, interdisciplinary research seminars, graduate student planning seminars, etc.	6FP	[1] Participation in transferable skills training, language training, career path seminars, interdisciplinary research seminars, graduate student planning seminars, etc.	9FP
	Internships	[2] Internships (internships at companies, international organizations, research institutes, etc., in Japan and overseas)	24FP	[2] Internships (internships at companies, international organizations, research institutes, etc., in Japan and overseas)	24FP	[2] Internships (internships at companies, international organizations, research institutes, etc., in Japan and overseas)	24FP	[2] Internships (internships at companies, international organizations, research institutes, etc., in Japan and overseas)	24FP
	Study abroad, etc.	[3] Research programs abroad (training and short-term study abroad)	8FP	[3] Research programs abroad (training and short-term study abroad)	8FP	[3] Research programs abroad (training and short-term study abroad)	12FP	[3] Research programs abroad (training and short-term study abroad)	12FP
	Research presentations, awards, etc.	[4] Presentations at international conferences and symposiums	6FP	[4] Presentations at international conferences and symposiums Publication in international journals	6FP	[4] Presentations at international conferences and symposiums	6FP	[4] Presentations at international conferences and symposiums Awarded research prizes	6FP
Student team experiences	[5] Student team projects (graduate student seminar planning, entrepreneurship experiences, participation in business contests, etc.)	8FP	[5] Student team projects (graduate student seminar planning, entrepreneurship experiences, participation in business contests, etc.)	8FP	[5] Student team projects (graduate student seminar planning, entrepreneurship experiences, participation in business contests, etc.)	8FP	[5] Student team projects (graduate student seminar planning, entrepreneurship experiences, participation in business contests, etc.)	8FP	
Joint research, interdisciplinary research, etc.	[6] Joint research and interdisciplinary research (joint application for research funding), participation in industry-academia collaborative courses and designated joint research (conducted in consultation with academic advisors)	24FP	[6] Joint research and interdisciplinary research (joint application for research funding), participation in industry-academia collaborative courses and designated joint research (conducted in consultation with academic advisors)	24FP	[6] Joint research and interdisciplinary research (joint application for research funding), participation in industry-academia collaborative courses and designated joint research (conducted in consultation with academic advisors)	24FP	[6] Joint research and interdisciplinary research (joint application for research funding), participation in industry-academia collaborative courses and designated joint research (conducted in consultation with academic advisors)	24FP	
Participation in short-term workshops (training retreats, etc.)	[7] Participation in short-term workshops on identifying social issues, interdisciplinary training, etc.	8FP	[7] Participation in short-term workshops on identifying social issues, interdisciplinary training, etc.	8FP	[7] Participation in short-term workshops on identifying social issues, interdisciplinary training, etc.	12FP	[7] Participation in short-term workshops on identifying social issues, interdisciplinary training, etc.	12FP	

*The graduate schools, departments, WISE programs, and programs for Leading Graduate Schools offer a variety of programs for graduate students. The Interdisciplinary Frontier Fellowship Implementation Committee grants fellowship points (FP) for university fellowships to lectures, training, seminars, etc. approved by subject fields. Each Fellow is required to obtain 30 FPs or more during their fellowship according to the instructions of the subcommittee in his/her field.

- Details will be provided on the Doctoral Education Consortium website.

* Please confirm that which area you can apply for. (Simultaneous application in multiple areas is not permitted.)

Category	Graduate School	Department	Innovation for Future Asia area 26 recipients	Information・AI area 26 recipients	Quantum Science area 12 recipients	Materials area 13 recipients	
D o c t o r a l P r o g r a m	Graduate School of Humanities	Department of Humanities	○	○			
	Graduate School of Education and Human Development	Department of Educational Sciences	○	○			
		Department of Psychology and Human Developmental Sciences	○	○			
	Graduate School of Law	Department of the Combined Graduate Program in Law and Political Science	○	○			
		JD Program for Legal Practice (Nagoya University Law School)					
	Graduate School of Economics	Department of Socio-Economic Systems	○	○			
		Department of Industrial Management Systems	○	○			
	Graduate School of Informatics	Department of Mathematical Informatics	○	○	○		
		Department of Complex Systems Science	○	○	○	○	
		Department of Social Informatics	○	○			
		Department of Cognitive and Psychological Sciences	○	○			
		Department of Computing and Software Systems	○	○			
		Department of Intelligent Systems	○	○		○	
	Graduate School of Science	Division of Particle and Astrophysical Science			○	○	○
		Division of Material Science			○	○	○
		Division of Biological Science			○		○
		International Collaborative Programme in Science between the University of Edinburgh and Nagoya University			○	○	○
	Graduate School of Engineering	Molecular and Macromolecular Chemistry				○	○
		Materials Chemistry				○	○
		Biomolecular Engineering			○	○	○
		Applied Physics			○	○	○
		Materials Physics			○	○	○
		Materials Design Innovation Engineering			○		○
Materials Process Engineering				○	○	○	
Chemical Systems Engineering				○		○	
Electrical Engineering				○	○	○	
Electronics				○	○	○	
Information and Communication Engineering				○	○	○	
Mechanical Systems Engineering			○	○	○		

* Please confirm that which area you can apply for. (Simultaneous application in multiple areas is not permitted.)

Category	Graduate School	Department	Innovation for Future Asia area 26 recipients	Information・AI area 26 recipients	Quantum Science area 12 recipients	Materials area 13 recipients	
		Micro-Nano Mechanical Science and Engineering		○	○	○	
		Aerospace Engineering		○	○	○	
		Energy Engineering		○	○	○	
		Applied Energy		○	○	○	
		Civil and Environmental Engineering	○	○		○	
	Graduate School of Bioagricultural Sciences	Department of Forest and Environmental Resources Sciences	○	○		○	
		Department of Plant Production Sciences	○	○		○	
		Department of Animal Sciences	○	○		○	
		Department of Applied Biosciences	○	○		○	
		International Collaborative Program in Agricultural Science between Nagoya University and Kasetsart University	○			○	
		International Collaborative Program in Agricultural Science between Nagoya University and The University of Western Australia	○			○	
	Graduate School of International Development	Department of International Development and Cooperation	○	○			
	Graduate School of Mathematics	Division of Mathematics		○	○		
	Graduate School of Environmental Studies	Department of Earth and Environmental Sciences	○	○		○	
		Department of Environmental Engineering and Architecture	○	○		○	
		Department of Social and Human Environment	○	○			
	Graduate School of Medicine	Department of Comprehensive Healthcare	○	○			
	Graduate School of Pharmaceutical Sciences	Department of Basic Medicinal Sciences		○		○	
	D o c t o r a l M e d i c i n g r a m o f	Graduate School of Medicine	Department of Integrated Medicine	○	○		
			International Collaborative Program in Comprehensive Medical Science between Nagoya University and University of Adelaide	○	○		
International Collaborative Program in Comprehensive Medical Science between Nagoya University and Lund University			○	○			
International Collaborative Program in Comprehensive Medical Science between Nagoya University and University of Freiburg			○	○			

2022 Nagoya University Interdisciplinary Frontier Fellowship Application (For New Students Enrolling in April) [Form 1]

- Confirm that your graduate school/major fits the application field and that the fellowship announcement includes your year of enrollment in the doctoral program.
-

Courses taking applications (As of April 2022)

Category	Year	Age (As of April 1, 2022)
Doctoral Course	Scheduled entrants in April 2022	Under 30 years old (Under 33 years old for individuals enrolled in a Medical Course for which clinical training was assigned)
Doctoral Course in Medicine	Individuals who will be second-year students in April 2022	

Application field *See the applicable graduate schools and majors on the attached sheet.	Please check the application field (one field per student only)		
	<input type="checkbox"/> Creating the Future of Asia	<input type="checkbox"/> Information and AI	
	<input type="checkbox"/> Quantum Science	<input type="checkbox"/> Materials	
Application Number *10 digits (1 alphabetic character + 9 numeric digits)			
Name	Age		
	Date of Birth	YYYY/MM/DD	
Affiliation (For applicants from other universities, also include the name of the university)	University	Graduate School	Major
Year in School (As of April 1, 2021)	<input type="checkbox"/> Pre-Doctoral Master's Course <input type="checkbox"/> Master's Course	<input type="checkbox"/> Doctoral Course in Medicine <input type="checkbox"/> Other ()	
Student Number (Nagoya University students only)	*Please fill in your Student Number at the time of application.		
Enrollment Category	<input type="checkbox"/> Enrolled <input type="checkbox"/> Leave of absence <input type="checkbox"/> Study abroad (Year Month) <= If you chose to take a leave of absence or study abroad, please enter the date you expect to return to school by.		
Contact Information	Mobile phone number		
	Email address		
Students enrolled in the WISE Program, the Program for Leading Graduate Schools, or other programs (Only applicable individuals)	If you are or were a student enrolled in the WISE Program, the Program for Leading Graduate Schools, or other programs, check the appropriate box. <input type="radio"/> WISE Program <input type="checkbox"/> GTR <input type="checkbox"/> DII <input type="checkbox"/> CIBoG <input type="checkbox"/> TMI <input type="radio"/> Leading Graduate School Programs <input type="checkbox"/> Space Exploration <input type="checkbox"/> PhD Professional <input type="checkbox"/> Real-world Data Circulation <input type="checkbox"/> Well-Being <input type="radio"/> Other program () Enter the program name.		
Scheduled Doctoral Program Enrollment Date (Month and Year) (Enter the date of enrollment for the Doctoral Course in Medicine)	Year	Month	
Name of Graduate School and Major in Which You Will Enroll (Not necessary if Doctoral Course in Medicine)	Graduate School	Major	

2022 Nagoya University Interdisciplinary Frontier Fellowship Research Outline [Form 2-A]

[Title of the Research Project]

[Research Proposal] The main text should give descriptions, in concrete and clear terms. Diagrams and figures may be included. Descriptions should be given within **one (1) page**. Forms cannot be changed or added (Same is true for the forms below)

(1) Research development

With regard to the research to be conducted in the Doctoral Course (Doctoral Course in Medicine) for three years, descriptions should be given of applicant's research history leading to the conception of this research proposal and its preparation status, and domestic and overseas trends related to the proposed research and the positioning of this research in the relevant field.

2022 Nagoya University Interdisciplinary Frontier Fellowship Research Outline [Form 2-B]

[Research Proposal] (The main text should give descriptions, in concrete and clear terms. Diagrams and figures may be included. Descriptions should be given within **two (2) pages**. Forms cannot be changed or added (Same is true for the forms below))

(2) Research objectives and details

- [1] Describe the research objectives, research methods, and details of the research to be conducted.
- [2] Specify what will be elucidated, and to what extent and how will it be pursued
- [3] Describe the scientific significance and originality of the research project (Comparison with the preceding research, the impact of the proposed research at its completing, and future prospectus)
- [4] Clarify the role of the applicant in relation to the research activities of the laboratory to which he/she will belong.
- [5] If you plan to engage in research at a different research institution (including research institutions in foreign countries) during the period of your research proposal, describe the research with the institution.

2022 Nagoya University Interdisciplinary Frontier Fellowship Research Outline [Form 2-C]

[Applicant's Self-analysis of the Ability to Conduct the Research] *There is no limit to the number of words in each item. However, descriptions should be given within **one (1) page**. Specify your own strength(s) in this field, including the research plan described in this application, based on your experience in past research activities. In particular, the Nagoya University Interdisciplinary Frontier Fellowship aims to cultivate doctoral human resources who will play an active role on the global stage by opening up new Interdisciplinary frontiers and taking responsibility for the continuous creation and implementation of future knowledge in society. Describe any abilities and so on gained through past experiences in activities regarding this purpose.

2022 Nagoya University Interdisciplinary Frontier Fellowship Research Outline [Form 2-D]

[Your ideal image of a researcher, etc.] *There is no limit to the number of words in each item. However, descriptions should be given within **one (1) page**.

The Nagoya University Interdisciplinary Frontier Fellowship aims to foster doctoral human resources who will play an active role on the global stage by opening up new interdisciplinary frontiers and taking responsibility for the continuous creation and implementation of future knowledge in society. In light of this purpose, describe (1) "Your ideal image of a researcher" and "Your post-doctoral career path" as well as (2) "Factors you consider necessary to realize your career path" and "Planned activities and experiences." Refer to the "Objectives and image of researchers to be trained" and "Designated lectures, training, seminars, etc." in the attached table of the application guidelines.

2022 Nagoya University Interdisciplinary Frontier Fellowship Academic Advisor Recommendation [Form 3]

Descriptions should be given within one (1) page. Forms cannot be changed or added.

The Nagoya University Interdisciplinary Frontier Fellowship aims to foster doctoral human resources who will play an active role on the global stage by opening up new interdisciplinary frontiers and taking responsibility for the continuous creation and implementation of future knowledge in society.

Person who prepares the recommendation should have a firm understanding that the applicant will be expected to achieve the objectives of this fellowship in three years and that the applicant will be expected to play an active role in society upon receiving their degree. Planned academic advisers in the Doctoral Course (Doctoral Course in Medicine) or current academic advisers are appropriate recommenders.

Name of the Person Who Prepared the Recommendation	
Recommender's Graduate School and Major Please include the name of the university, if not Nagoya University.	
Relationship with the Applicant	

Please provide the information that may be of particular relevance in determining the applicant's strengths and prospects as a researcher.

Please describe your view on the factors considered necessary for the applicant for future activities in society.

Nagoya University Interdisciplinary Frontier Fellowship Application Checklist

Use this checklist to ensure that you have prepared your application in line with the Interdisciplinary Frontier Fellowship Application Manual.

Check that all of the items in the application documents have been completed correctly before submitting your application.

You **do not need to submit** this checklist.

Item	What to Check	Checked
Footer	Does your application number appear at bottom right of all pages?	
Page number	Does the page number appear at bottom center of all pages?	
Number of pages	Is each of the forms within the specified number of pages for that form? Form 2-A : 1 page, Form 2-B : 1~2 page Form 2-C : 1 page, Form 2-D : 1 page	
Number of pages	Is the number of pages in the document as per the manual? 2021 applications: Up to 8 pages 2022 applications: Up to 7 pages	
Editing of forms	Are the borders and tables in the forms unchanged?	
Editing of forms	Are the titles and explanations of each item unchanged?	
Missing information	Have all fields been entered?	
Saved format	Have Forms 1, 2, and 3 been combined into a single file and saved in PDF format?	
File name	Is the file name your application number? Creating the Future of Asia: A+ 9 numeric digits Information and AI: I+ 9 numeric digits Quantum Science: Q+ 9 numeric digits Materials: M+ 9 numeric digits	