

# Short-term Visiting Trainee at Yamagata University (2024)

## Faculty of Engineering, Graduate School of Science and Engineering, and Graduate School of Organic Materials Science

~ For acceptance of multiple students from universities with interfaculty exchange agreements with Yamagata University Faculty of Engineering ~

### 1. Yamagata University

Yamagata University has six faculties and six graduate schools located across four campuses<sup>1</sup> in Yamagata prefecture. The total number of students on all four campuses is about 9,000. As one of the leading universities in the Tōhoku (northeastern Japan) area, it fulfils an important role in both study and research. The number of students at Yonezawa campus, which is home to the Faculty of Engineering, Graduate School of Science and Engineering, and Graduate School of Organic Materials Science (hereinafter collectively referred to as “YU Yonezawa”), is about 3,600.

As of May 2023, about 98 students from 13 countries are studying at YU Yonezawa. We have interfaculty exchange agreements with 25 universities in 11 countries, offering international educational experience for both students and faculties.

### 2. Short-term Visiting Trainees

YU Yonezawa accepts international students from universities<sup>2</sup> with interfaculty exchange agreements with the aim of studying or training in one of our laboratories for a period of 3 days to 6 months (this includes training courses recognized as internships at foreign universities). Short-term Visiting Trainees are not enrolled as students but approved for study directly by the dean of their faculty or graduate school and reported to the president of Yamagata University.

Acceptance Identification	Period of Stay	Students
Short-term Visiting Trainee (No official registration)	More than 3 days and less than 6 months	Students from universities with interfaculty exchange agreements with YU Yonezawa

\*Please make sure to apply for the same period of stay when applying as a group.

### 3. Application qualifications

#### Period of stay

The period of stay in Japan must be more than 3 days and less than 6 months. The period of acceptance will be determined by adjusting schedules between the student’s home university and the accepting laboratory of Yamagata University Faculty of Engineering.

<sup>1</sup> Our four campuses are located in three cities in Yamagata Prefecture: Kojirakawa Campus and Iida Campus are located within Yamagata City, Yonezawa Campus is located in Yonezawa City, and Tsuruoka Campus is located in Tsuruoka City.

<sup>2</sup> Foreign universities and graduate schools or institutions of higher education which have an academic curriculum equivalent to a university or graduate school.

### Application qualification

1. The field of study of the internship must match the contents of our Undergraduate and Graduate School.
2. The student should be enrolled in a university with an interfaculty exchange agreement with YU Yonezawa. The student must be at least in his/her second year of undergraduate study at the time of application. Japanese or English ability must be sufficient for smooth participation in university life.
  - \* Students are required to take either English language tests (TOEIC®, TOEFL®, IELTS, etc.) or the Japanese Language Proficiency Test and submit a certificate of their score. It is desirable for students to take both English and Japanese language tests.
  - \* We will not be able to take any students who have already graduated from their home university or who will graduate from their home university during the period of their study at Yamagata.
3. YU Yonezawa may accept a few students annually from each university. However, please note that if the Yonezawa International House is already full, we may limit the number of students to be accepted as we are unable to provide appropriate accommodations for the students.

## 4. Laboratory Introduction

### Accepting Laboratory

Field of Study	Prof. Name	Study Theme (Keyword)
Polymeric and Organic Materials Engineering	Professor Hiroshi Ito	Automotive plastics, polymer composites (CFRP, GFRP, Nanocomposites), polymer blend/alloy, film drawing/injection molding, nano-imprint
Polymeric and Organic Materials Engineering	Professor Tatsuhiro Takahashi	CFRP (Carbon Fiber Reinforced Plastics) (1) Advanced surface treatment of CF for thermoplastic polymer matrix, (2) Electric conductive thermosetting matrix
Polymeric and Organic Materials Engineering	Professor Hideharu Mori	Polymer synthesis, functional material, organic-inorganic hybrid
Polymeric and Organic Materials Engineering	Professor Masataka Sugimoto	Polymer viscoelasticity, processing of soft matter such as foaming using supercritical fluids, electrospinning, multilayer formation, extrusion etc.
Polymeric and Organic Materials Engineering	Professor Akihiro Nishioka	Polymer Rheology, Biomass resources, Plastic Materials, Polymer processing, Starch, Cellulose, Food processing, Polymer composite, Polymer Alloy
Polymeric and Organic Materials Engineering	Professor Go Matsuba	Polymer structural analysis, X-ray scattering, bio-materials
Polymeric and Organic Materials Engineering	Professor Tsukasa Yoshida	Materials and devices for conversion and storage of renewable energy (renewable energy, electrochemistry, solar cell, battery, water splitting)
Polymeric and Organic Materials Engineering	Associate Professor Sathish K. Sukumaran	Dynamics, flow and processing of soft matter (polymers, colloids, gels, liquid crystals, etc.). Molecular simulations.
Polymeric and Organic Materials Engineering	Professor Tomonori Koda	Theoretical Modeling, Mill Design, Polymer Material

Polymeric and Organic Materials Engineering	Associate Professor Ken Miyata	Plastics for automobile and electric appliances, Plastic Packaging film and materials, Polymer blends, Joining Technique for plastics
Polymeric and Organic Materials Engineering	Assistant Professor Tetsuo Takayama	Mechanical properties, polymer composites, injection molding
Polymeric and Organic Materials Engineering	Associate Professor Jin GONG	Crystalline gel, Film, Fiber, Non-woven, Particle, Synthesis, Characteristics
Chemistry and Biochemical Engineering	Professor Hiroyuki Konno	Medicinal Chemistry, Natural Product Chemistry
Chemistry and Biochemical Engineering	Professor Osamu Yamamoto	Preparation and evaluation of medical materials, In vivo evaluation by animal surgery
Chemistry and Biochemical Engineering	Professor Tatsuro Kijima	Supramolecular Chemistry, DDS, Biosensors, Chirality
Chemistry and Biochemical Engineering	Professor Masatoshi Endo	Analytical Chemistry, Environmental Chemistry
Chemistry and Biochemical Engineering	Professor Bungo Ochiai	Polymer synthesis, Utilization of natural resources, Functional material
Chemistry and Biochemical Engineering	Professor Akito Masuhara	Perovskite quantum dots, Environmentally-friendly nanomaterials, Polymer electrolyte fuel cell, Organic nanomaterials, Assembly structure
Chemistry and Biochemical Engineering	Assistant Professor Kazunari Yoshida	Colloid and Interfacial Chemistry, Soft-Matter Physics
Informatics and Electronics	Associate Professor Seiki Saito	Numerical simulation
Informatics and Electronics	Associate Professor Yasushi Minamitani	Pulsed power modulation, Plasma, Application for bioelectrics (Food sterilization and processing, Medical application)
Informatics and Electronics	Assistant Professor Tomochika Harada	Low-Power Integrated Circuits, Smart Sensor Devices, IoT/ICT devices & systems
Mechanical Systems Engineering	Professor Hidemitsu Furukawa	Soft Materials, 3D Gel Printing, 3D Food Printing, Soft Robotics, Soft Sensor

Mechanical Systems Engineering	Professor Ichiro Kano	Cooling device, Heat transfer, Thermal and fluid engineering
Mechanical Systems Engineering	Professor Riichiro Tadakuma	Robotics, Mechanical engineering
Mechanical Systems Engineering	Associate Professor Hiroaki Nishiyama	Laser micro-/nanofabrication, Microdevices
Mechanical Systems Engineering	Associate Professor Hiroki Gonome	Radiative transfer, Heat transfer, Nanophotonics, Optics
Mechanical Systems Engineering	Assistant Professor Siu Kang	Computational Neuroscience, Artificial Intelligence
Mechanical Systems Engineering	Assistant Professor Wenjing XING	Twin-fluid atomizer, Spray, Wall impingement
Architecture and Design	Associate Professor Yuki Munemasa	Architectural Design, Spatial Design Mathematics, Data Visualization, Intergenerational Exchange

\*For further information, please refer to the “Seeds Collection” in the website of Yamagata University Faculty of Engineering. [https://www.yz.yamagata-u.ac.jp/seeds\\_en/html5.html#page=1](https://www.yz.yamagata-u.ac.jp/seeds_en/html5.html#page=1)

## 5. Life in Japan

### Spring and Fall Semesters

Spring Semester classes start in early April and end in early August. The summer vacation continues until September 30. Fall Semester classes start in early October. There are approximately 15 days of New Year’s vacation from the end of December to early January. After the end of the semester, there is another vacation from late February through March. However, graduate students do not necessarily follow the same schedule.

Spring Semester	April	Spring Semester begins, orientation, class registration
	late July/early Aug.	final exams
	late Aug./Sep.	summer break
Fall Semester	October	Fall Semester begins, class registration
	late Dec./early Jan.	winter break
	early Feb.	final exams
	late Feb./early April	spring break

### After Arriving in Japan

After arriving in Yamagata, students will be lodged at the “Yonezawa International House”. Within two or three days, students will be required to participate in orientation.

### Housing and Cost of Living

Students on the Short-term Visiting Trainee program can typically be accommodated at the Yonezawa International House. Please be aware, however, that you may be asked to rent an apartment off-campus if the number of applicants is above the capacity of the Yonezawa International House.

The Yonezawa International House is about a ten-minute walk from the campus.

Please see the box below outlining the expenses regarding housing. In addition to the expenses below, electricity, gas, and water must be paid by the applicant. Internet is available as well, but an individual contract is necessary.

The security deposit will be used for cleaning and other expenses upon moving out. The remaining sum will be returned unless there are extra damages or loss.

Type of dormitory	Type of room (Number of rooms for Int. Students)	Boarding fee per month	Communal services fee per month	Security deposit on your move-in
Yonezawa International House	Single room (34)	¥5,900	¥800	¥30,000
	Couple room (2)	¥11,900	¥900	¥36,000
	Family room (2)	¥14,200	¥1,200	¥45,000

### 《Considerations》

- Living in Yamagata, students will have to pay for their room rent, utilities, food, transportation, internet, phone, and after class activities. In total, this comes to approximately ¥60,000 per month. (130-150 JPY  $\approx$  1 USD, 130-160 JPY  $\approx$  1 EUR)<sup>3</sup>
- Short-term Visiting Trainee’s personal costs, including, travel, accommodation, meals, transportations, insurance, and other personal expenses should be paid by the student or by their home university.
- In order to be prepared just in case an accident should occur, students should also provide their own overseas travel insurance coverage valid for the duration of their stay in Japan.
- We cannot provide any scholarships for Short-term Visiting Trainees. Please inquire with your home university regarding scholarship information.

### Opportunities for Japanese Cultural Experiences

Yamagata University International Circle in Yonezawa (YUICY) and various international exchange groups organize a number of valuable cultural experiences such as a boat trip on the Mogami River. Yamagata Prefecture is an area full of nature and beautiful sites to enjoy throughout the year. There are hot springs (*onsen*) in every city, town, and village, and it is also a good environment for making friends. We guarantee that international students will have many opportunities to fully enjoy their stay in this hospitable region.



## 6. How to Apply: Deadlines

The selection of candidates for the Short-term Visiting Trainee Program is carried out based on the required documents outlined in the table below. Students applying for the program are to send their completed application materials to the e-mail address below via the office in charge of studying abroad at their home university by the following deadlines:

- December 22nd, 2023 (Japanese time) - for students wishing to start training between April and September 2024.
- May 13th, 2024 (Japanese time) - for students wishing to start training between October 2024 and March 2025.

<sup>3</sup> As of October, 2023

Student Services, Yamagata University Faculty of Engineering  
E-mail: [yu-kouryug@jm.kj.yamagata-u.ac.jp](mailto:yu-kouryug@jm.kj.yamagata-u.ac.jp)

	Required Documents
1	Request for Acceptance of Short-term Visiting Trainee <b>【Form 1】</b> (Submit as a Word file)
2	Plan of Study or Research <b>【Form 2】</b> (Submit as a Word file)
3	Academic Transcript (from currently enrolled university) (Submit as a PDF file)
4	One copy of the official score sheet for the Japanese Language Proficiency Test and/or an English language test (TOEIC®, TOEFL®, IELTS, etc.). ※ Students are required to take either the Japanese Language Proficiency Test or an English language test (TOEIC®, TOEFL®, IELTS, etc.). It is desirable for students to take both of them.
5	Copy of Passport *The passport cannot expire during your stay in Yamagata.
6	Application Form for Residence Approval *Only for students who want to live in the Yonezawa International House.

## 7. Notification of Results

Results of applications to Yamagata University will be sent to the office in charge of study abroad at the applicant's home university 1–2 months before the date of the student's expected date of entry to Japan.

Before their arrival, students are asked to confirm the necessary visa application procedures with their local Japanese Embassy or Consulate as well as provide their own flight tickets.

## 8. Access to Yonezawa Campus

Please refer to the following URL. It takes about 2 hours from JR Tokyo Station to Yonezawa by bullet train (Shinkansen).

<https://www.yamagata-u.ac.jp/en/about-yu/transportation/>

<https://youtu.be/0DfNwZ04QNc>

### 【Travel Route】

- Narita/Haneda Airport → Tokyo Station: Train (Narita Express, Keisei line, monorail etc.)
- Tokyo Station → Yonezawa Station: About 2 hours by Yamagata Shinkansen ( Tsubasa )

For more information, please contact:

Yamagata University Faculty of Engineering Student Services  
4-3-16 Jōnan, Yonezawa-shi, 992-8510 Japan  
TEL : 0238-26-3017 (+81-238-26-3017)  
E-mail : [yu-kouryug@jm.kj.yamagata-u.ac.jp](mailto:yu-kouryug@jm.kj.yamagata-u.ac.jp)  
<http://www.yz.yamagata-u.ac.jp/>