"Advanced Human Resource Development Fellowship for Doctoral Students"
- Overview -

Noboru Tanaka
Student Services Department, Tokyo Tech

Main Topics

- Support funds
- Fellowship study program

MEXT（文部科学省）
"Fellowship Project for the Creation of Science and Technology Innovation"
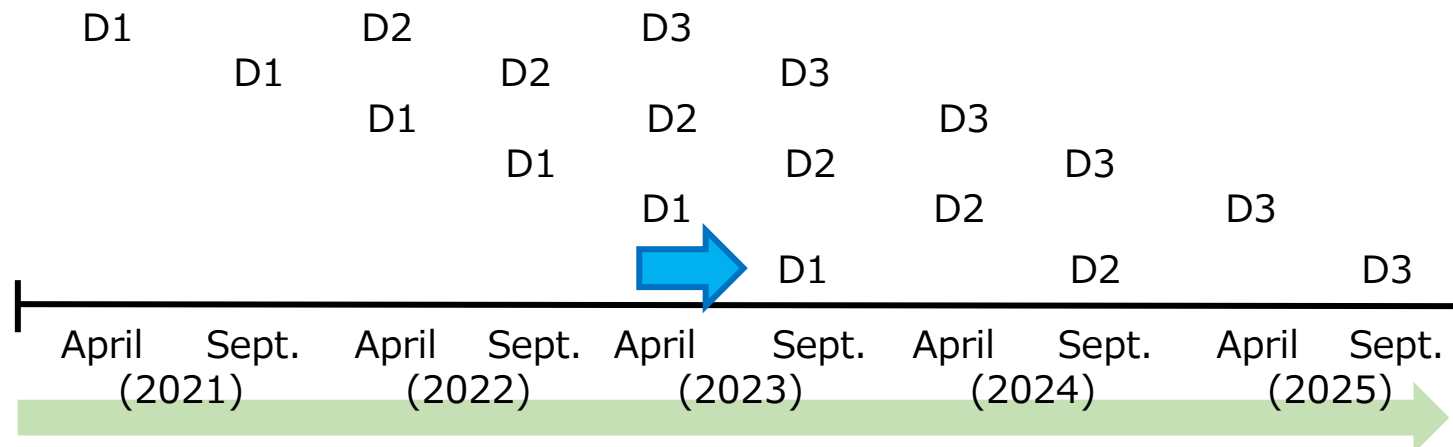(科学技術イノベーション創出に向けた大学フェローシップ創設事業)

Tokyo Tech

"Advanced CPS^2 Human Resource Development Fellowship"

Based on the concept of CPS^2 (Cyber Physical & Social Systems), develop doctoral human resources who will be responsible for the creation of science and technology innovation to make a smart society through next-generation computing.

History

Feb 2021	Tokyo Tech was adopted for the project (40 people/year)
April, Oct 2021	Fellowship 2021 Spring and Fall – Adopted 30 and 10 people
March 2022	6 people declined after adopted JSPS DC2, and 6 were newly selected instead.
April, Oct 2022	Fellowship 2022 Spring and Fall – Adopted 28 and 12 people
Jan 2023	MEXT announced new project unifying fellowship and cross-border, starting in FY2024.
March 2023	14 people declined after adopted JSPS DC2, and 14 were newly selected instead.
April 2023	Fellowship 2023 Spring – Adopted 28 people
May 2023	Fellowship 2023 Fall – Will adopt 12 people (Open for applications)

D1   D2   D3
      D1   D2   D3
         D1   D2   D3
            D1   D2   D3
               D1   D2   D3
                  D1   D2   D3

April   Sept.   April   Sept.   April   Sept.   April   Sept.   April   Sept.
(2021)   (2022)   (2023)   (2024)   (2025)

Application overview

● Schedule

Application（～Noon, May 31）

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Selection（by Review board and Fellowship committee）

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Announcement （July 12）＊

● # of students hired

Fall 2023 : 12 students

＊ Formally adopted after the admission to the doctoral course in Fall 2023.

Funds

(2.5 years at longest)

- **Research dedication support funds**
  - Can use for living expense
  - 150,000 yen（1.8 million yen per a year）
  - Transferred on the 21st of every month*

- **Research funds**
  - Up to 150,000 yen for 2023 (300,000 yen per a year)
  - Allocate to laboratory. Academic advisor is Budget Manager.
  - Usage: ex. H/W, S/W, books, machine usage, trip, experimental material, etc.

- **Tuition fee exemption**
  - 635,400 yen per a year

*: the day just before it which is not holiday, if it is bank holiday.

Fellowship activities (Obligation)

- Your research

- Fellowship study program

- Summary reports and counseling reports twice a year (end of August and end of February)

- Applying to JSPS (Japan Society for the Promotion of Science) DC2 (Please be sure to apply next year)

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Fellowship study program (1) - Research capability

- Through consortium (at least once)
  - ■ Participate at least once in a study group or seminar designated by the school to which you belong.

- Education `Course List`
  - ■ Take the course "Progressive Graduate Minor in Data Science and Artificial Intelligence"

- Mentoring
  - ■ Have the counseling with academic advisor* and the supporting academic advisor* at least twice year.
  - ■ Participate at least once in a round table conference with young assistant professors in IIR (Institute of Innovation Research)

- Presentation and technical writing `Course List`
  - ■ Take academic presentation/writing at least one designated by the school.

"designated by the school" => refer to fellowship guide and course list

* Please confirm your academic advisors through "Web system for S&F"

Fellowship study program (2) – Career path, other

- Through a consortium（at least once）
  - Participate in Dr's K-meet by Tokyo Tech Alumni Association（Tokyo Tech OB community）
  - Participate in Career forum designated by the school to which you belong.

- Research internship（at least once）
  - Participate in research internship designated by the school to which you belong. **Course List**
  - Participate in individual internship matching coordinated by the office of fellowship.

- Education program（at least one）
  - Take a class of career education **Course List**
  - Take "a practical artificial intelligence and data science" course **Course List**

- Promotion (at least once a year)
  - Participate in the event to introduce your research activities to students under the master's course.

Fellowship committee

Manage fellowship project such as the development of selection procedure, the design of fellowship study program.

Chair	School of Computing		Prof.	Yoshihiro Miyake
	School of Science		Prof.	Masaki Kawano
	School of Engineering		Prof.	Hideaki Fujita
	School of Materials and Chemical Technology		Prof.	Toshiyuki Fujii
	School of Life Science and Technology		Prof.	Takehiko Itoh
	School of Environment and Society		Prof.	Tsuyoshi Kinouchi
Off campus	Tokyo Tech Alumni Association		Director	Reiko Fujita

Support from Fellowship office

- Contact
  - Office of Advanced Human Resource Development Fellowship (Orita, Kawai)
    - cps2.f.app@jim.titech.ac.jp
    - Ex. 7649

- Information update (will be sent irregularly)
  e.g.

  (フェローシップ事務局からのご案内/message from fellowship office)卓越教育院とDr's K-meetの情報

  …
  Hello Fellowship students,

  The fellowship study program requests you to participate the events of the Tokyo Tech Academy in the activity for Research capability. Please see the following information for your participation. Also added the information of Dr K-meet this year.

  1) Event information of Tokyo Tech Academy

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Team Tokyo Tech

Office of Education

Fellowship committee
- By members from all schools
- Fellowship student selection

Student support center
- **Event planning**
- **Internship matching**

Team Tokyo Tech by all related groups

Alumni Association
- **Dr's K-meet (largest matching event with t... companies)**

Innovator and Inventor Development Platform
- **Career course education**

Companies
- **Accepting Internship**
- **Participate in event**
- **Recruiting**

Research capability

Career path support

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