(English follows Japanese.)

【学内募集】Schmidt Science Fellows（2027 年選抜）

― 東北大学推薦候補者の募集について ―

このたび、東北大学がシュミットサイエンスフェローシップのパートナーシップ機関と認定されたことを受け、本学の博士後期課程学生を博士研究員フェローシップ候補者として推薦することになりました。下記の応募要領に従い、応募資格のある博士後期課程学生の方からの積極的な応募をお願いします。

1. 制度概要

Schmidt Science Fellows（以下、SSF という）は、国際的に極めて競争性の高い博士研究員フェローシップであり、博士課程で培った専門分野とは異なる分野への学際的ピボット（interdisciplinary pivot：新しい専門分野への転換）に挑戦し、将来の科学技術分野を牽引するリーダーとなる人材の育成を目的としています。東北大学は 2026 年度に SSF のパートナーシップ機関として新たに認定されました。今後、学内選考を実施し、2 名の候補者を SSF に推薦します。

※Schmidt Science Fellows に関する学内限定の専用ホームページを開設しております。申請者は、東北大学 DC Mail（学生用アカウント）にてアクセスが可能です。応募を検討する学生はご確認ください。

2. フェローシップ内容

- 個人奨学金　　：年間 110,000 米ドルを支給（最長 2 年間）
- 研究内容　　：博士課程の研究分野とは異なる分野におけるポスドク研究
- 研究実施場所　　：世界中の承認された研究機関

3. 求める人材像

SSF では、以下のような人物を求めています。

- 自然科学、数学、工学、コンピューティングの分野において卓越した能力を有し、学際的研究への強い関心と意欲を持つ者
- 博士課程で取り組んできた研究分野にとらわれず、自らの視野を広げ、異なる研究分野への挑戦を通じて、困難かつ挑戦的な研究に取り組む意欲を有する者
- 大学・大学院における研究実績が極めて優れており、高い学術的水準とリスクを取った研究に挑む姿勢を併せ持つ若手研究者
- 将来において研究チームを率い、革新的かつ変革的な研究成果を生み出すリーダーとしての資質と人物的成熟を備えた者

- 多様な科学分野の研究者と協働し、学際的な連携を通じて新たな価値や研究可能性を創出することに意欲的な者

4. 応募資格（東北大学からの推薦対象者）

以下のすべてを満たす者とします。

所属・身分

本学の理学研究科、工学研究科、情報科学研究科、生命科学研究科、環境科学研究科、農学研究科、薬学研究科（薬学履修課程を含む）、医工学研究科*のいずれかに在籍する博士後期 3 年の課程の学生（国籍不問）で、研究活動および本プログラムへの参加に必要な英語運用能力を有する者。

*医工学研究科で臨床医学系の研究を行っている博士課程学生（MD-PhD）は対象外です。

研究分野

応募者は、以下のいずれかの分野において博士研究を行っていること。

- 自然科学（天文学、生物学、化学、物理学、地球科学）
- 工学
- 数学
- 情報科学、コンピューティング

※以下に該当する場合は、本募集の**対象外**です。

I. 社会科学または人文科学分野において博士研究を行っている者
II. 社会科学または人文科学分野の研究分野への研究転換を計画している者

博士号取得（予定）時期

2026 年 5 月 1 日～2027 年 6 月 30 日
（本学では、主に 2026 年 9 月／2027 年 3 月に修了予定の者）

フェローシップ開始時期への対応

- 2027 年 7 月 または 10 月のフェローシップ開始が可能であること
- SSF が指定するオンライン研修・対面プログラムに参加可能であること

5. 学内応募・選考プロセス

本学では、以下の流れで学内選考を行います。詳細については、募集要項をご参照ください。

学内公募・応募受付

応募期間：　2026 年 2 月下旬 ～ 4 月 3 日　正午（〆切）
応募方法：　学内専用ホームページをご確認ください。

学内審査

- 大学院教育推進センターを中心とした学内選考委員会による審査
- 学内選考結果通知　：2026 年 5 月 12 日（予定）

Schmidt Science Fellows への推薦

2026 年 5 月 15 日：大学から SSF への正式推薦
※学内推薦はフェロー採択を保証するものではありません。

6. Schmidt Science Fellows 本選考

学内推薦後は、以下の SSF 公式選考プロセスに進みます。

- オンライン登録期間　：2026 年 5 月 19 日～6 月 1 日
  （SSF より発行される認証コードを使用）
  *申請フォームに入力が必要な情報の詳細については、掲載されているサンプルをご参照ください。
- 最終申請書類提出締切　：2026 年 7 月 13 日
- SSF での学術審査　：2026 年 8 月～10 月
- オンライン面接　：2027 年 1 月
- 最終結果発表　：2027 年 4 月
- 研究配置決定　：2027 年 7 月～10 月

7. 注意事項

- 本プログラムに関する申請・審査・面接・研修はすべて英語で実施されます。
- SSF 本選考は、学内選考とは異なります。本学から推薦した場合でも、SSF 本選考にて不採択となる可能性があります。

8. 問い合わせ先（学内）

東北大学 高等大学院機構
大学院教育推進センター（担当教員：張 蕊、梶田 諒介）
Email：ags-gradstudies@grp.tohoku.ac.jp

詳細については、Schmidt Science Fellows 公式ウェブサイトをご確認ください。

Schmidt Science Fellowships

Internal Call for Applications (2027 Cohort)

Overview of the Fellowship

Schmidt Science Fellows is an initiative of Schmidt Sciences, delivered in partnership with the Rhodes Trust.

Tohoku University has been invited to serve as a Schmidt Science Fellows Nominating Partner University for the forthcoming competition, which is scheduled to launch in early 2026 for the 2027 cohort. Accordingly, Tohoku University invites internal applications for nomination to the Schmidt Science Fellows Program—an internationally distinguished and highly competitive postdoctoral fellowship that supports exceptional early-career scientists undertaking a substantive interdisciplinary pivot.

The program enables fellows to pursue postdoctoral research in a discipline within the **Natural Sciences (Astronomy, Biology, Chemistry, Earth Sciences and Physics), Engineering, Mathematics, Computing, that is clearly distinct from their doctoral field.** Through its leadership curriculum, global convening, and international network, the program prepares fellows to become future scientific leaders capable of addressing complex global challenges.

Tohoku University is allocated a limited number of nomination slots. The Center for Promoting Graduate Studies of the Advanced Graduate School will conduct an internal selection to identify the most competitive candidates.

Further details about the fellowship are provided on the Schmidt Science Fellows website.

The Fellowship Experience

The fellowship enables the world's best emerging scientists to pivot from their PhD discipline and pursue their goals through bold interdisciplinary research.
Placement: Fellows pursue a postdoctoral placement at a world-class research environment that provides optimal support to develop their interdisciplinary science.
Community: Fellows join the vibrant, lifelong community at the heart of Schmidt Science Fellows, where they find the resilience, support, collaboration, and constructive challenge essential for

success.

Mentoring: Fellows benefit from one-to-one mentoring with the experienced and internationally accomplished senior interdisciplinary scientists who make up our Academic Council.

Leadership: Fellows accelerate their personal and professional development through our bespoke Science Leadership Program. They will build the skills, experience, and networks necessary to become interdisciplinary science leaders.

Our Fellows are trailblazers, harnessing the potential of interdisciplinary science to accelerate discovery. For more information, please see the following links:

① Schmidt Science Fellows: Science Needs to Change
② Fellowship Research Placement
③ Who is a Schmidt Science Fellow?

The Fellowship Benefits

- **Stipend:** Receive a personal stipend of **US$110,000 per year** for up to two years of postdoctoral study **in a different area from their PhD**, at any approved location worldwide.
- **Leadership Program:** Build a **global network** through the Science Leadership Program, a bespoke professional development curriculum delivered across three week-long residential convenings and a rich set of virtual offerings.
- **Mentorship:** Benefit from personalized mentoring delivered by **experienced international interdisciplinary science leaders** to develop as scientific and societal thought leaders.
- **Community:** Join a **lifelong community** of exemplary interdisciplinary scientists.
- **Scientific freedom:** Receive unique **scientific freedom** to pursue ambitious research goals, take risks, and have bold ideas.

Applicant Profile

- Brilliant minds in **natural sciences, math, engineering, and computing** with a commitment to **interdisciplinary science.**
- **Curious and creative scientists** who are interested in broadening their horizons by **pivoting away from their PhD research area** and pursuing a challenging and rewarding period of study in an alternative research discipline with world-leading scientists.
- **Academically excellent, risk-positive**, early-career researchers who can demonstrate a commitment to **ambitious, high-impact science**.

- **Future leaders** with the potential and character to lead teams and **unlock transformative discoveries in the future**.
- Talented individuals from a wide range of scientific disciplines who are motivated to **increase the potential for interdisciplinary collaboration**.

Eligibility

Applicants must be **PhD students enrolled at Tohoku University** (of any nationality) and possess **sufficient English proficiency** to conduct research and to participate fully in all aspects of the Schmidt Science Fellows selection process and program activities. To be eligible for nomination from Tohoku University, applicants must **meet all the following requirements:**

1. Field of Study

Applicants must be conducting PhD research in one of the following areas:

- Natural Sciences (Astronomy, Biology, Chemistry, Physics, Earth Sciences)
- Engineering
- Mathematics
- Computing

Please note that the following applicants are typically **not eligible** for this program:

- Individuals on clinical track MD-PhD or veterinary-PhD programs.
- PhD students in social and political science or economics.
- Applications proposing a pivot into social or political science, or economics.

2. PhD Completion Period

Complete all the requirements for the conferral of your PhD, including a successful defense, **between May 1, 2026 and June 30, 2027（September 2026 / March 2027 in Japan）.**

Note: Applicants who have completed or are completing their PhD at another university cannot be included in Tohoku University's nomination quota for the Schmidt Science Fellows Program.

3. Availability for the Fellowship

Applicants must be able to:

- Start the fellowship in **July 2027 or October 2027**
- Participate in:
    - Virtual onboarding activities **(April 2027 – July 2028)**
    - In-person convenings **(from October 2027)**

Refer to the Schmidt Science Fellows FAQ for eligibility FAQs.

Application

The Schmidt Science Fellows Program is committed to providing equal opportunities for all candidates. Applications are encouraged from individuals regardless of age, disability, gender, gender identity, gender reassignment, sexual orientation, pregnancy or maternity, parental status, marital or civil partnership status, race, color, ethnic or national origin, nationality, religion, or belief.

Applicants are required to complete the Google Form. Please review all entries carefully prior to submission, as applications cannot be edited once submitted. Applicants are advised to ensure that all required information listed below has been prepared before applying. Following submission, the Center for Promoting Graduate Studies of the Advanced Graduate School will conduct an initial document screening based on the submitted materials.

At the **internal selection** stage, the following application materials are **generally expected to be prepared in English**; however, submissions in **Japanese will also be accepted**. Please note that **all stages of the Schmidt Science Fellows selection process**, as well as **all research activities conducted during the Fellowship**, are carried out **exclusively in English**.

There is no designated application format. Applicants are required to submit **a single document in free format** via the Google Form **by Friday, April 3, 2026, at 12:00 p.m.**; no extensions will be granted.

1. **Curriculum Vitae (no page limit):** Including academic history, a list of research achievements, including publications (indicating whether each publication is peer-reviewed and providing journal impact factors where available), and any leadership positions or community service.

2. **A brief description of your PhD research and highlights (max 2 pages)** which includes the following elements:

(1) Summarize main aims and outcomes;

(2) Make your individual contributions clear;

(3) Emphasize aspects of your PhD work that are particularly exciting and innovative;

(4) Highlight any outputs that you believe may have significant impact. (e.g. book chapters, patents, software, data, but NOT poster presentations or copies of your previous dissertations).

**Page 1:(1)~(3); Page 2:(4)*

3. **Personal Statement (max 1 page):** Outlining your motivation for the program and your potential as a science leader, including:

   (1) Why you wish to apply for the Schmidt Science Fellowships;

   (2) The disciplinary pivot from your PhD work;

   (3) What you wish to achieve with a Schmidt Fellowship, including new skills you would intend to gain.

4. **Research Proposal (max 2 pages):** Interdisciplinary Pivot (as defined by Schmidt)

   ** <u>It needs to be **understandable** to a panel of scientists from a range of fields.</u>*

   (1) The proposed pivot should illustrate the applicant's freedom to pursue an ambitious research direction. It should enable the achievement of a scientific objective that cannot be realized within the applicant's current research path, thereby addressing a scientific challenge through alternative methodologies or perspectives.

   *(2) The description **must** include:*

   ***i.** A statement of the hypothesis and research objectives;*

   ***ii.** Evidence of sufficient understanding of the new field;*

   ***iii.** A clear articulation of the innovative elements;*

   ***iv.** Consideration of both overarching, long-term goals and the practical constraints of a 12–24 month fellowship;*

   ***v.** Identification of the new tools, methods, and skills to be acquired;*

   ***vi.** A justification of how the proposal constitutes a disciplinary shift and represents a genuine pivot;*

   ***vii.** A discussion of potential short-term and long-term impacts.*

5. **Options for Placement (max 1 page):** Three short outlines of potential labs in which you may carry out this research.

   (1) Note that you do not have to contact the labs or secure a position at this time.

   (2) The options you present are not final and binding.

6. **Recommendation Letter (max 1 page):** Applicants are required to submit a one-page recommendation letter from your current PhD supervisor, addressing the applicant's

intellectual ability, research accomplishments, leadership potential, and future career trajectory.

7. **Additional Confirmations (no page limit)**

   - English Language Skills: If you have any English proficiency test score reports or certificates, please submit them. If you do not have any, please ask your supervisor to include **a comment** on your English language proficiency in the recommendation letter.
   - Any other supporting evidence that may strengthen your competitiveness.

Nomination Process

- **Selection process:** Conducted by the Center for Promoting Graduate Studies
- **Administrative checks**
- **Nominee notification:** Nominees will be notified on or around **Tuesday, May 12, 2026**

Selected nominees must enter their **preliminary information** by **June 1, 2026,** and complete the **application form** and submit their **full application materials** by the application deadline of **July 13, 2026**. Please note that **the full application materials are more extensive than those required for the internal application. A sample application can be found here.**

*Please note that **being nominated by Tohoku University does not guarantee selection as a Schmidt Science Fellow**. All nominees must undergo the official selection process conducted by the Schmidt Science program, and only those who successfully pass this process will be appointed as Schmidt Science Fellows.

Subsequent Stages of the Selection Process

- Candidates nominated by Tohoku University will be provided with an authorization code issued by Schmidt Science Fellows, enabling access to the online application system.
- The registration period will be open from **May 19** through **June 1, 2026**, and all application materials must be submitted by **July 13, 2026**.
- Schmidt Science Fellows will conduct **academic reviews** from **August** to **October 2026**, with shortlisted candidates invited to **online interviews in January 2027**.
- Final award decisions will be announced in **April 2027**, followed by the global placement process between **July** and **October 2027**.

Please refer to the **timeline** and **essential information** below for further details regarding the official selection process.

SCHMIDT SCIENCE FELLOWS

Timeline

May 19 – June 1, 2026	**Preliminary Information Open:** Candidates must enter their preliminary information between **May 19** and the **deadline of June 1, 2026.** Once the candidate has completed this section, they can access the application form.
May 19 – Jul 13, 2026	**Application Open:** Candidates must complete the application form and submit their full applications by the **application deadline of July 13, 2026**.
Jul 13, 2026	**Full Application Deadline: Candidates must submit their full applications by July 13, 2026.**
Aug – Oct, 2026	**Academic Review**: Expert reviewers (leading researchers from the broad scientific discipline in which the candidate will receive their PhD) assess submitted applications to identify exceptional candidates for progression.
Nov 2026	**Shortlisting of Finalists:** Candidates will be informed about the outcomes of Academic Review and the Final Selection interviews will be scheduled.
Jan 2027	**Final Selection Interviews**: Senior figures from across science, business, and society review applications and interview Finalists (online).
Mar 2027	**Final Decisions**: Schmidt Science Fellows Board meet to determine the 2027 Schmidt Science Fellows.
Apr 2027	**Formal Announcement and Onboarding**: The 2027 Schmidt Science Fellows are publicly announced. Fellows then work together with our Academic Council to determine the optimal host laboratory for their research placement.
July – Oct, 2027	**Fellowship Placements Begin** – The 2027 Schmidt Science Fellows start to engage with the Program team, Academic Council mentors and other members of their cohort, commence their research placements, and join their first Science Leadership Meeting.

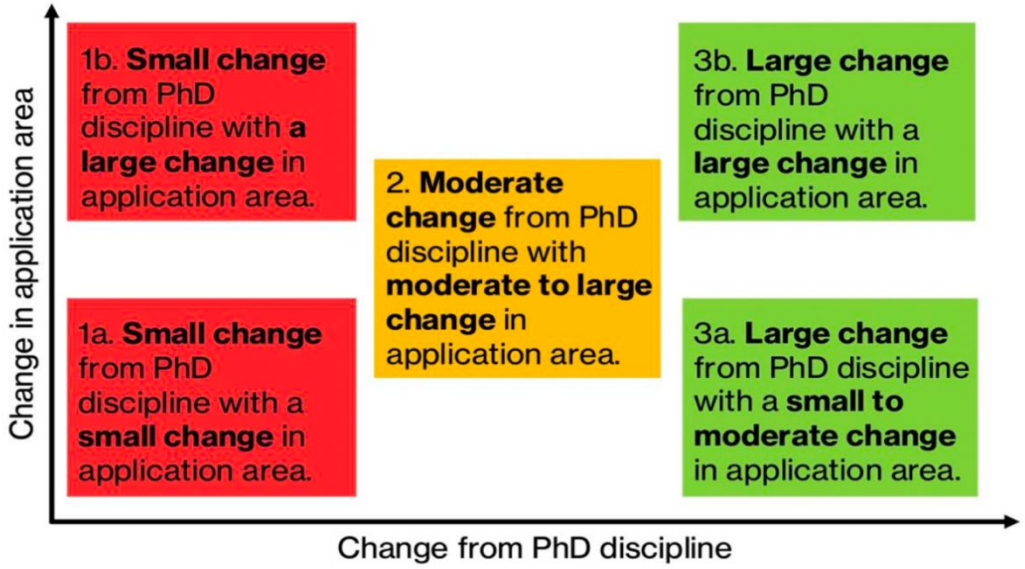
Essential Information

SCHMIDT SCIENCE FELLOWS

The Interdisciplinary Pivot

- The shift in research focus or **interdisciplinary pivot** is central to our mission. It can be categorized by change - from the PhD discipline and in the research application area (Figure 1).

Figure 1 – Categorizing the disciplinary pivot



- Proposals requiring candidates to **immerse themselves fully in a new discipline from their current expertise** and to **address different or broader questions than those posed during their PhD** are aligned most closely with our Program and will be **valued most highly** (Categories 3a & 3b).
- Proposals with less ambitious changes in discipline and application are valued less (Category 2).
- Proposals in sub-disciplines closely related to the PhD are not acceptable, even if there is a large change in the application area (Categories 1a and 1b).
- We do not allow proposals that represent an incremental or logical progression from the candidate's PhD or those which attempt to cover multiple disciplines where only a superficial understanding of each new area is likely to be gained.
- The pivot should enable a Fellow to achieve a scientific goal that is not possible while continuing their current course, allowing them to overcome a scientific challenge using different approaches or perspectives.
- Please watch our animation, Your Interdisciplinary Pivot, explaining the pivot for additional

guidance.

- **Proposed pivots must be to the natural sciences (Astronomy, Biology, Chemistry, Physics, and Earth Sciences), Engineering, Mathematics, or Computing or any sub-disciplines of these subjects.**
- Pivots to the social sciences are outside the scope of the Schmidt Science Fellowship.

Your nominees will be judged against the following criteria:

Intellect

Extraordinary Achievement

Clear record of academic achievement of the highest quality in the sciences and an extraordinary degree of intelligence.

Scientific Curiosity

High degree of intellectual curiosity combined with energy and creativity; a record of continuous innovation and/or use of new technologies.

Programmatic Fit

Alignment with the Program

Commitment to pursuing a year or more of postdoctoral study in a field different from your PhD discipline. A belief that interdisciplinary science and taking appropriate scientific risks are important components of discovery.

Collaborative Spirit

Value the power of bringing people and perspectives together and have a track-record of effective collaboration with diverse team members.

Leadership

Character and Leadership

Genuine and demonstrable potential for science leadership; perseverance, a moral compass, and a galvanizing force of personality.

Global Ambition for Social Good

Driven by the need to use your talent to make a positive difference in society and the world.

Visit https://schmidtsciencefellows.org/fellows/fellow-directory/ to see more fellow profiles.

Inquiry

Center for Promoting Graduate Studies, Advanced Graduate School, Tohoku University
Faculty Contact：(1) Rui Zhang, Ph.D. (2) Ryosuke Kajita, Ph.D.
Email：ags-gradstudies@grp.tohoku.ac.jp