### Activity name (under 20 words)

GTL Summer Intern for Systems Method Experience at MIT

### Organization

- [ ] Volunteer work
- [ ] International activity
- [ ] Internship program
- [ ] Agricultural/rural-based experience
- [ ] Fieldwork
- [ ] Laboratory experience

### Categories of the activity

- [ ] First-come-first-served basis
- [ ] Document review
- [ ] Interview

### Method of activities

- [ ] Perform local activities while utilizing online
- [ ] Activities only online

#### Graduate School Students

- [ ] include
- [ ] Not included

### Eligibility for participation

- [ ] CV(英語)
- [ ] Systems Methodを適用したい社会課題やプロジェクトの説明(A4で1枚、英語)の審査合格者

### Period of activity

<table>
<thead>
<tr>
<th>Start Date</th>
<th>Main area of activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Middle of August, 2022</td>
<td>Kashiwa/Cambridge, MA, USA</td>
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<tr>
<td>5-7 days in total</td>
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### Purpose

Learn systems methods and experience a dynamic global environment at MIT

### Activity detail (approx. 250 words)

GTL (Global Teamwork Lab) is a team for education and research jointly by Graduate School of Frontier Sciences and MIT. GTL offers an opportunity for students to join activities at MIT.

If selected, you will prepare a problem-solving project proposal in Japan, and then discuss your topic with students and researchers at MIT. The proposal relates your prospective thesis or other projects using systems approach and method. The creation of the proposal is the chance for you to think the meaning and impact of your projects. You will think your project as a system by defining the boundary of your project, being aware of the stakeholders and exploring the options. The most important insight from creating system model of your project is that you have to identify the “need” of your project. The “need” is the interface of your research project and the society. You can understand the social impact of your project through the activity even if your project is a purely scientific or technological one.

現地活動を予定しています。コロナウィルス感染状況により、直前に実施中止となる可能性があります。

### Remarks

- 大学院入試と日程が重なる可能性が高いので、出願予定者は応募しないこと。
- 日程はMIT側のスケジュールにより前後する可能性がある。
- 現地集合解散方式とする。各自、航空券を予約すること。
- 受入選考から提案される宿泊先を各自が予約すること。
- 活動期間はMITに実際に滞在する期間である。各自活動間に合うよう渡米すること。
- 事前学習をオンラインにて行う。（最大2時間*3回）

### Cost

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<thead>
<tr>
<th>Breakdown (Per person)</th>
<th>¥</th>
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<tbody>
<tr>
<td>Transportation</td>
<td>実費</td>
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<td>Accommodation</td>
<td>実費</td>
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### Website

Systems methods(システム思考の説明): https://is.edu.k.u-tokyo.ac.jp/top/systems-thinking
GLOBAL TEAMWORK LAB: http://gtl.mit.edu/ and http://gtl.k.u-tokyo.ac.jp/

### Special notes are listed below.

- 奨励金額 70,000円（予定）