

國立臺灣師範大學與 美國萊斯大學研究實習計畫



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合作對象



1. 美國萊斯大學2024年QS世界大學排名145名。
2. 美國萊斯大學Junichiro Kono教授為**STEM**領域的**學士班女同學**設計**TOMODACHI-MACHI**計畫，包括**2週線上課程及5週的實地研究實習**。
 - (1) 2021年起，臺大與中興大學共計5位女同學參加MACHI計畫。
 - (2) 2023年，邀請臺大，**臺師大**，中興，逢甲，共計10位女同學參加MACHI計畫。

TOMODACHI-MACHI計畫 - 萊斯大學

線上課程

November 6-20, 2023

Learn about career development, research investigation, team building, and cultural exchange. Fluency and confidence building in English communication and oral presentations in intercultural contexts

實體研究實習

February 10-March 13, 2024

Join a Rice research laboratory and gain hands-on experience guided by a graduate student and professor. Meet full cohort and tour NASA and Dow Chemical

美國萊斯大學線上課程

TOMODACHI-STEM and MACHI Schedule

Live Class Time: Monday, Tuesday, Wednesday, Thursday; 7:00-9:30 a.m. (New York Time)

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
Sept. 5	Sept. 6	Sept. 7	Sept. 8	Sept. 9	Sept. 10	Sept. 11
HOLIDAY-NO CLASS	<p>Live Class Link: 7:00-9:30 am</p> <p>Introduction to Course</p> <p><i>Homework:</i></p> <p>Complete virtual roommate activity #1</p>	<p>Live Class Link: 7:00-9:30 am</p> <p>Culture & Interviews</p> <p><i>Homework:</i></p> <p>Read online about your lab host and write 4-5 interview questions and then put in your virtual room mailbox for teacher corrections</p>	<p>Live Class Link: 7:00-9:30 am</p> <p>Intercultural Communication</p> <p><i>Homework:</i></p> <p>Email your lab host to schedule an interview (copy your teacher)</p>	<p>Independent Weekend Work:</p> <ol style="list-style-type: none"> 1. Read information about our guest speakers, Dr. Junichiro Kono, Dr. Jennifer Swann, Dr. Arielle Carr, and Dr. Susan Perry. 2. Complete your Virtual Team Challenge (due by Monday 11:59 p.m. Easter time) 3. Do Clifton Strengths Finder and upload to the Virtual Room Mailbox 		
Sept. 12	Sept. 13	Sept. 14	Sept. 15	Sept. 16	Sept. 17	Sept. 18
<p>Live Class Link: 7:00-9:30 am</p> <p>Introduction to Graduate Study</p> <p><i>Homework:</i></p> <p>Prepare 1-2 questions for Wednesday's faculty panel and then put in your virtual room mailbox for teacher corrections</p>	<p>Live Class Link: 7:00-9:30 am</p> <p>Your Professional Strengths</p> <p><i>Homework:</i></p> <p>Complete virtual roommate activity #2</p>	<p>Live Class Link: 7:00-9:30 am</p> <p>Women and Leadership</p> <p><i>Homework:</i></p> <p>Complete virtual roommate activity #3</p>	<p>Live Class Link: 7:00-9:30 am</p> <p>Oral Presentations & Visuals</p> <p><i>Homework:</i></p> <p>Start planning your 2-3 minute oral presentation</p> <p>***Last day to conduct interview with your lab host</p>	<p>Independent Weekend Work:</p> <ol style="list-style-type: none"> 1. Prepare your 2-3 minute oral presentation and Powerpoint slide (or other visual) on your lab host. Practice and then put in your virtual room mailbox 2. Send a thank you email to your lab host and another to your virtual roommate (copy your teacher on both) 		
Sept. 19th	Sept. 20	Sept. 21	Sept. 22	Sept. 23	Sept. 24	Sept. 25
<p>Live Class Link: 7:00-9:30 am</p> <p>FINAL PRESENTATIONS & REFLECTIONS</p>						

美國萊斯大學實體研究實習領域

- **Astrophysics and astronomy**
- **Biology and behavioral neuroscience**
- **Chemical and biomolecular engineering**
- **Chemistry**
- **Electrical and computer engineering**
- **Materials science and nanoengineering**
- **Mathematics and statistics**
- **Physics**

獎學金



國立臺灣師範大學

1. 2022-2023年每名學生花費約美金8,000元
2. 今年8月份申請教育部學海築夢計畫，補助新臺幣約12萬元
3. 劉祥麟老師補助新臺幣約3萬元
4. 尋求院系所經費補助

今年申請時程與資料

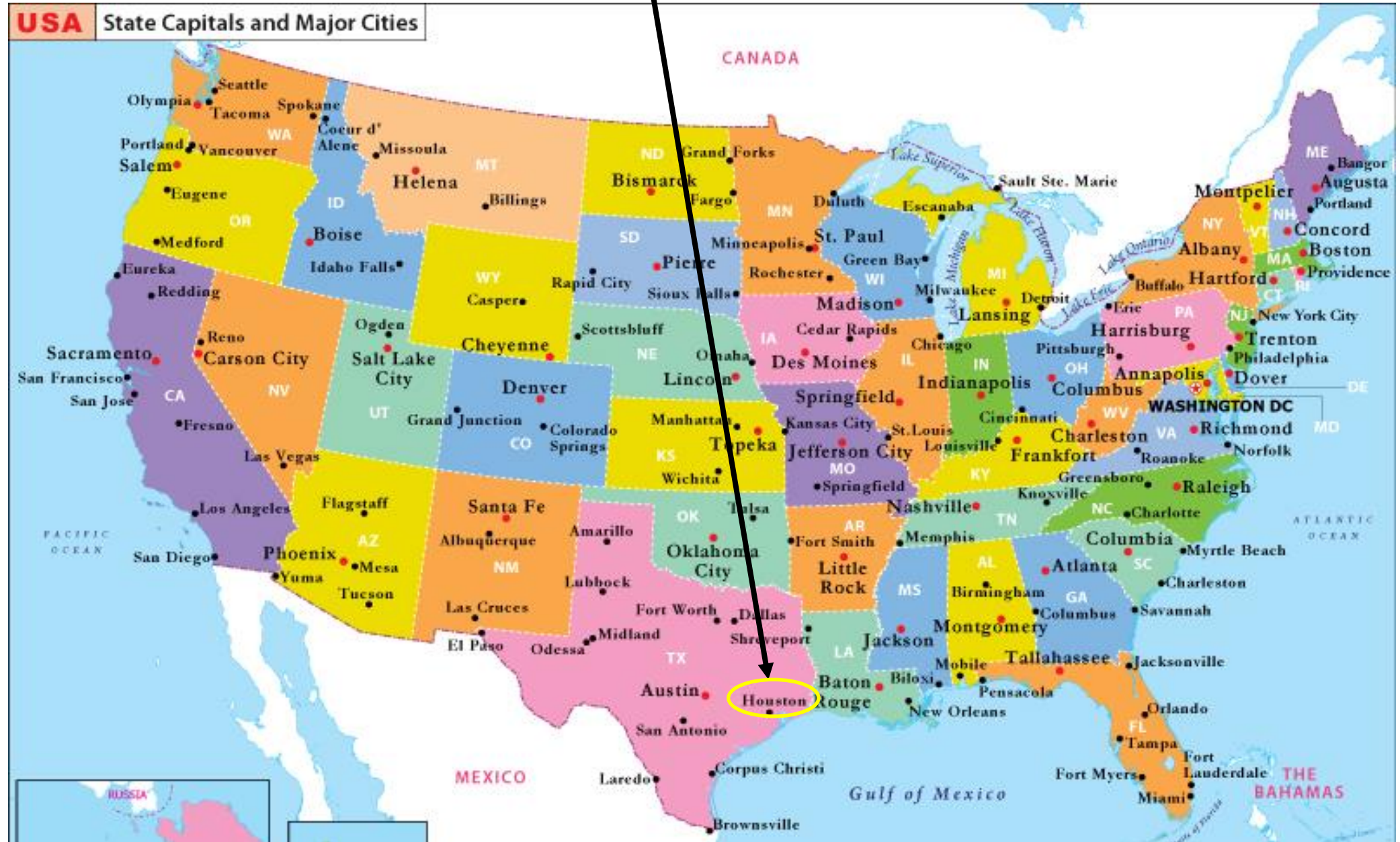
截止日期

2023年7月31日中午前寄送申請資料給學院專員，校內審核結果將於2023年8月3日前email通知，通過本校審核推薦者，將由美國萊斯大學安排線上英文面試。

申請資料

1. 申請表
2. 英文版履歷表（A4兩面，無標準格式）
3. 英文版歷年成績表（向教務處申請，須含111-2成績）
4. 英文版實習計畫書（A4兩面，無標準格式）
5. 英文版推薦信
6. 英語能力證明

Houston, Texas



Rice University, Houston, Texas, U.S.A.

~3,900 undergraduate students

~3,000 graduate students

Founded by William Rice in 1912

~4,000 trees on a 1.2 km² campus

