

【NIAR-TSRI 國家實驗研究院台灣半導體研究中心】

誠徵半導體科普教學暨國際接待種子助教

想要將科學知識轉化為有趣、易懂的科普內容嗎？想親自參與國家級研究中心的活動執行，並有機會協助國際外賓接待，拓展國際視野與溝通能力嗎？

TSRI 台灣半導體研究中心為推動半導體科普教育、培育具國際視野與實務執行能力之青年人才，特別辦理「半導體科普教學暨國際接待種子助教見習計畫」，誠摯邀請對 STEM 教育、半導體科技推廣及國際交流有興趣的同學加入 TSRI 種子助教人才庫，與我們一起推廣半導體科普教育，並參與國際交流接待實務。

本計畫錄取之種子助教，將依中心活動需求及個人可配合時段，支援 TSRI 與台積電合作辦理之「半導體科學探索營」、TSRI 各類科普推廣活動，以及國際外賓參訪接待等任務。助教可依排班情形參與不同類型活動，累積半導體科普教學、活動執行、國際接待與跨文化溝通等實務經驗。

✦ 計畫宗旨與見習機制

1. 培育導向：本計畫以培育具備半導體科普教育能力、國際視野及活動執行經驗之青年人才為目標，提供學生參與國家級研究中心實務見習的機會。
2. 種子助教人才庫：錄取學生將納入 TSRI 種子助教人才庫，依活動性質、助教專長及可配合時段進行排班，支援半導體科普活動、探索營及國際外賓接待等任務。
3. 彈性排班與梯次見習制：自即日起至年底，半導體科學探索營預計尚有約 20 梯次，每梯次原則上安排 4 位種子助教；另視 TSRI 國際訪賓接待及其他活動需求，安排助教參與現場支援。助教可依個人課業安排與可配合時段參與不同梯次或活動，中心將依實際需求進行排班。
4. 見習時數與證明：每期合約原則上以約 300 小時為排班規劃上限，實際見習時數將依活動需求、學生可配合時段及排班情形安排。期滿或完成一定見習時數且表現良好者，將由中心核發見習證明。

✦ 招募對象

大學或研究所在學學生皆可申請；外籍學生須符合我國相關法規，並持有有效工作許可。具備以下條件者尤佳：

1. 電子、電機、半導體、理工、教育、外語、國際事務或相關背景。
2. 對半導體科普教育、STEM 推廣或國際交流具高度興趣。
3. 具備基本英語或其他外語溝通能力，能協助外賓接待、現場引導或簡要介紹。
4. 具良好溝通表達能力、責任感、準時觀念及團隊合作精神。
5. 有營隊、教學、導覽、國際接待、活動執行或行政支援經驗者尤佳。
6. 可配合平日白天、寒暑假、週末或活動指定時段排班者尤佳。

✦ 見習任務

1. 半導體科普教學協助：協助 TSRI 與台積電合作辦理之「半導體科學探索營」及其他科普推廣活動，包含活動前置準備、教材與實作材料整理、學員報到與分組、課程中引導學員操作、協助講師掌握現場狀況、維持活動秩序，以及活動後場地與材料復原等。
2. 國際外賓參訪接待協助：協助國際學研機構、產業代表、政府單位及合作夥伴來訪 TSRI 時之接待支援，包含訪賓報到、動線引導、會議與參訪現場協助、簡報或導覽支援、拍照紀錄、資料準備及其他行政協助事項。
3. 活動行政與現場支援：協助活動資料彙整、名牌與桌牌製作、簽到與問卷回收、場地布置、器材確認、茶水餐點協助、現場秩序維護、突發狀況回報及其他現場支援事項。

✦ 培訓機制

錄取後將視任務需求安排行前培訓或見習，內容包含 TSRI 介紹、半導體科普課程內容、探索營活動流程、教學引導技巧、現場安全注意事項、國際接待基本禮儀及活動執行注意事項等。完成培訓或見習後，將依活動需求、個人專長與可配合時段安排實際見習與排班。

✦ 參與收穫

1. 提供見習薪資：見習期間依本中心計時工讀生相關規定支給薪資，並依實際聘用型態及相關規定辦理勞健保等事宜。
2. 累積半導體科普教學與活動執行經驗：實際參與半導體科學探索營與科普推廣活動，學習如何將專業知識轉化為易懂、有趣且具互動性的教學內容。
3. 獲得國際接待與跨文化溝通實戰經驗：有機會支援國際外賓參訪接待，學習會議現場協助、外賓引導、跨文化溝通與國際交流實務。
4. 參與國家級研究中心推廣任務：透過實際參與 TSRI 活動，了解半導體研究、人才培育與科技推廣工作，為未來升學、就業或職涯發展累積具體實務經驗。
5. 取得見習證明：期滿或完成一定見習時數且表現良好者，將由中心核發見習證明。

✦ 活動地點與排班方式

1. 活動地點：以本中心新竹基地為主，必要時依活動安排至指定場地支援。
2. 活動時間：依各梯次活動期程及外賓來訪時間安排，多以平日白天或週六為主；部分活動可能安排寒暑假或其他指定時段。
3. 排班方式：錄取後將由中心建立種子助教人才庫，定期調查助教可配合時段，並依活動需求、助教專長及可配合時間進行排班。助教可依個人時間參與多個梯次活動。

✦ 報名方式

1. 有興趣參與者，請填寫[報名表](#)，並上傳簡歷及其他有利審查文件，供審查參考。
2. 報名截止日期：2026/6/30
3. 聯絡窗口：主任室-國合小組 周秋儀 Cherrie
4. 聯絡信箱：cherrie@niar.org.tw
5. 聯絡電話：03-5773693 分機 7102

✦ 甄選方式

本計畫將依報名資料進行書面審查，採隨到隨審，必要時安排面談。錄取者將另行通知聘用、培訓與見習及排班相關事宜。

歡迎對半導體科普教育、STEM 推廣、活動執行及國際交流有興趣的同學踴躍報名，加入 TSRI 種子助教團隊，與我們一起推廣半導體科普教育、參與國際交流，累積難得的實務經驗！

Recruitment of Seed Teaching Assistants for Semiconductor Science Outreach and International Visitor Reception

Would you like to turn scientific knowledge into engaging and easy-to-understand outreach content? Are you interested in participating in the event operations of a national-level research center, while also gaining opportunities to support international guest reception and broaden your global perspective and communication skills?

To promote semiconductor science outreach and cultivate young talents with international vision and practical implementation skills, the Taiwan Semiconductor Research Institute (TSRI) is launching the “Semiconductor Science Outreach and International Visitor Reception Seed Teaching Assistant Program.” We sincerely invite students who are interested in STEM education, semiconductor technology outreach, and international exchange to join the TSRI Seed Teaching Assistant Talent Pool. Together, we will promote semiconductor science education and participate in international visitor reception practices.

Seed teaching assistants selected for this program will support, according to TSRI’s event needs and their own availability, the “Semiconductor Science Exploration Camp” jointly organized by TSRI and TSMC, various TSRI science outreach activities, and international guest visits and reception tasks. Depending on scheduling arrangements, teaching assistants may participate in different types of activities and gain practical experience in semiconductor science outreach, event execution, international visitor reception, and cross-cultural communication.

Program Objectives and Internship Mechanism

1. Talent Cultivation

This program aims to cultivate young talents with semiconductor science outreach capabilities, international vision, and event execution experience. It provides students with an opportunity to participate in practical training at a national-level research center.

2. Seed Teaching Assistant Talent Pool

Admitted students will be included in the TSRI Seed Teaching Assistant Talent Pool. Scheduling will be arranged based on the nature of each activity, the assistants’ expertise, and their availability. Tasks may include supporting semiconductor science outreach activities, exploration camps, and international guest reception.

3. Flexible Scheduling and Session-Based Internship System

From now until the end of the year, approximately 20 sessions of the Semiconductor Science Exploration Camp are expected to be held, with four seed teaching assistants assigned to each session in principle. In addition, depending on TSRI’s international guest visits and other activity needs, teaching assistants may be arranged to provide on-site support. Teaching assistants may participate in different sessions or activities based on their academic schedule and availability, and TSRI will arrange scheduling according to actual needs.

4. Internship Hours and Certificate

Each contract period will, in principle, be planned with approximately 300 hours as the upper limit for scheduling. Actual internship hours will be arranged based on event needs, students’ availability, and scheduling conditions. Those who complete the term or a certain number of internship hours and demonstrate good performance will receive an internship certificate issued by TSRI.

Eligibility

University or graduate students are welcome to apply. International students enrolled at universities in Taiwan may apply, provided that they comply with relevant regulations and hold a valid work permit. Applicants with the following qualifications are especially encouraged:

1. Background in electronics, electrical engineering, semiconductors, science and engineering, education, foreign languages, international affairs, or related fields.
2. Strong interest in semiconductor science outreach, STEM promotion, or international exchange.
3. Basic communication ability in English or other foreign languages, with the ability to assist in guest reception, on-site guidance, or brief introductions.
4. Good communication skills, sense of responsibility, punctuality, and teamwork spirit.
5. Experience in camps, teaching, guided tours, international visitor reception, event execution, or administrative support is preferred.
6. Availability to support activities during weekday daytime, winter or summer vacations, weekends, or other designated event times is preferred.

Internship Tasks

1. **Semiconductor Science Outreach Teaching Support**
Assist with the “Semiconductor Science Exploration Camp” jointly organized by TSRI and TSMC, as well as other science outreach activities. Tasks may include pre-event preparation, organizing teaching materials and hands-on activity supplies, assisting with participant check-in and grouping, guiding participants during course activities, helping instructors manage on-site situations, maintaining order, and restoring the venue and materials after activities.
2. **International Guest Visit and Reception Support**
Assist with reception support when international academic and research institutions, industry representatives, government agencies, and partners visit TSRI. Tasks may include guest check-in, route guidance, on-site support for meetings and visits, presentation or tour assistance, photography, preparation of materials, and other administrative support.
3. **Event Administration and On-Site Support**
Assist with event document preparation, name badges and table cards, sign-in and questionnaire collection, venue setup, equipment checks, refreshments and meal arrangements, on-site order maintenance, reporting of unexpected situations, and other on-site support tasks.

Training Mechanism

After admission, pre-event training or internship observation will be arranged depending on task requirements. Training may include an introduction to TSRI, semiconductor science outreach course content, the exploration camp activity flow, teaching facilitation skills, on-site safety precautions, basic etiquette for international visitor reception, and key points for event execution. After completing training or observation, actual internship assignments and scheduling will be arranged based on event needs, individual expertise, and availability.

Benefits of Participation

1. **Internship Salary**
During the internship period, salaries will be paid in accordance with TSRI’s regulations for part-time student assistants. Labor insurance, health insurance, and other related matters will be handled according to the actual type of employment and applicable regulations.
2. **Experience in Semiconductor Science Outreach and Event Execution**
Participants will gain hands-on experience in the Semiconductor Science Exploration Camp and

science outreach activities, learning how to transform professional knowledge into understandable, engaging, and interactive teaching content.

3. **Practical Experience in International Visitor Reception and Cross-Cultural Communication**
Participants will have opportunities to support international guest visits and reception, gaining practical experience in meeting support, guest guidance, cross-cultural communication, and international exchange.
4. **Participation in National-Level Research Center Outreach Missions**
By participating in TSRI activities, students will gain a better understanding of semiconductor research, talent cultivation, and technology outreach. This experience will help build concrete practical experience for future studies, employment, or career development.
5. **Internship Certificate**
Those who complete the term or a certain number of internship hours and demonstrate good performance will receive an internship certificate issued by TSRI.

Activity Location and Scheduling

1. **Activity Location**
Activities will mainly take place at TSRI's Hsinchu site. When necessary, support may be arranged at designated venues according to event plans.
2. **Activity Time**
Activity times will be arranged according to the schedule of each session and international guest visit. Most activities will take place during weekday daytime or on Saturdays. Some activities may be arranged during winter or summer vacations or other designated times.
3. **Scheduling Method**
After admission, TSRI will establish a Seed Teaching Assistant Talent Pool and regularly survey assistants' availability. Scheduling will be arranged based on activity needs, assistants' expertise, and available time. Assistants may participate in multiple sessions according to their personal availability.

Application Method

1. Interested applicants should complete the [application form](#) and upload a résumé, along with any optional supporting documents that may be helpful for review.
2. Application deadline: June 30, 2026
3. Contact person: Cherrie Chow, International Cooperation Group, Office of the Director
4. Contact email: cherrie@nlar.org.tw
5. Contact phone: 03-5773693 ext. 7102

Selection Method

Applications will be reviewed based on the submitted materials on a rolling basis. Interviews may be arranged when necessary. Accepted applicants will be notified separately regarding employment procedures, training, internship observation, and scheduling arrangements.

Students who are interested in semiconductor science outreach, STEM promotion, event execution, and international exchange are warmly encouraged to apply. Join the TSRI Seed Teaching Assistant Team and work with us to promote semiconductor science education, participate in international exchange, and gain valuable practical experience!