

The background of the slide features a photograph of the Golden Gate Bridge in San Francisco, California, during sunset. The bridge's iconic orange-red towers and suspension cables are silhouetted against a warm, orange and yellow sky. The water of the bay is a deep blue, and a few small boats are visible in the distance. The overall mood is serene and professional.

# A Career Journey

From Taiwanese Academia to  
the American Biotech Industry

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**X TALENT**

產業創新人才海外培訓計畫

# Which jobs offer the highest salaries in the biomedical field?

Global pharma/CRO > Local pharma = Biotech companies in TW

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Biotech/pharma in US

CRO: Clinical Research Organization

## Clinical trials or Medical affairs in TW's Pharma

Medical affairs:

MSL → Senior MSL → Medical Advisor

Clinical trials:

CTA → CRA → CTM → Director

## Research & development (RD) in US Biotech

R&D:

Associate Scientist → Scientist

Senior Scientist → Manager/Director



# How to leverage academic and research experience to succeed in pharma companies?

To find and generate the connection!!

1. Research job openings on platforms like 104 and LinkedIn to understand the required skills and experience based on the job descriptions.
  - Identify your target field—such as cancer, immunology, or metabolic diseases. if possible, ensure that your research aligns with them at a medical or clinical level.
  - It is best to write your resume as early as possible.
2. Apply for internships at pharma companies or CROs.

2/12 【2025 暑期實習】研發實習生 R&D Intern (新竹)

台灣默克集團\_台灣默克股份有限公司 | 化學原料製造業  
新竹縣湖口鄉 | 經歷不拘 | 大學 | 月薪41,000元

• 職稱: 研發實習生 -Job Title: R&D Intern • 職務說明: 從事光電研發, 專注於光阻材料的開發與優化, 負責實驗、數據分析及配方設計。 -Job Description: Conduct optronic

外商公司 年終獎金 節日獎金/禮品 津貼/補助 分紅配股

2/14 【學期實習】Marketing Intern 行銷實習生 | 呼吸道暨免疫事業部

企 臺灣阿斯特捷利康股份有限公司 | 藥品製造業  
台北市大安區 | 經歷不拘 | 大學 | 時薪200元

【Internship Opportunities at AZ Taiwan】這不只是一份簡單的實習! 想接觸外商的多元文化與國際接軌? 想參與跨部門方案與國際專案? 想了解藥廠人為何感到驕傲特別是在服務病患時? 這是一個為您量身打造的職...

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☆ 儲存

✉ 應徵

6~10 人應徵

3. Build a network with industry professionals in your desired role to gain real insights and potential referrals.

# What is the X talent program?

**Aim:** Provides opportunities for overseas **company** internships across various fields, including biotech, pharmaceuticals, software, and venture capital.

**Criteria:**

1. Open to **all educational backgrounds**, including a Bachelor's degree.
2. Must be under 40 years old and meet a basic English requirement (e.g., TOEIC 785+)

[https://xtalent.stpi.narl.org.tw/apply\\_ent](https://xtalent.stpi.narl.org.tw/apply_ent)

**Process:**



**Funding amount:**

NTD 1.5M (after Tax) & a one-year J1 working visa

# How to leverage academic and research experience to succeed in biotech industry?

Q: Can you independently design and execute a project?

Q: Can you independently reproduce and apply techniques?

Q: Is the quality of your experimental results up to standard?

Q: Do you have troubleshooting skills?

Q: Can you visualize results and clearly explain them?

Q: Are you good at writing reports and emails in English?

***Can these abilities be developed during laboratory training and student years?***

# Benefits of diverse skills and criteria for promotion.

**Q: Which is more important: diverse skills or specialized expertise?**

For example:

Recently, a pharma partner asked us to collect patient samples for single-cell RNA- seq. Because of my AZ experience and being the only one in the company with clinical experience, I was assigned to lead the clinical trial plan and set up meetings with doctors.

**Q: If my performance is outstanding, why am I not eligible for a promotion?**

**Do managers need to oversee people in different roles?**

**If so, how do you convince others that you have the necessary skills?**

*Opportunities for hybrid roles are more common in small companies than in large ones.*

**How you can develop your skills to go further in your career path!**



Feel free to contact me!

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**Shang-Yin (Shawn) Chiang**  
Molecular & Cellular Biologists



**THANK YOU**