

# CHANG-YU CHANG 張昌祐

My research interest lies in the intersection of systems biology and community ecology. I am interested in combining theory and experiment to study how microbes interact with each other and form an ecological community with versatile functions.

The second paragraph is saved for project github links.



View this CV online with links at [changyuchang.name](http://changyuchang.name)



## EDUCATION

2022  
|  
2017

### PhD. Candidate, Ecology and Evolutionary Biology

Yale University

📍 New Haven, CT

- Studying community assembly by using systems biology and experimental microbiology
- Advisor: Alvaro Sanchez

2017  
|  
2015

### M.S., Ecology and Evolutionary Biology

National Taiwan University

📍 Taipei, Taiwan

- Thesis: Near-infrared modulates burying behavior in burying beetles
- Advisor: Sheng-Feng Shen

2015  
|  
2011

### B.S., Life Science

National Taiwan University

📍 Taipei, Taiwan

- Math and computational courses oriented



## RESEARCH EXPERIENCE

2015  
|  
2013

### Undergraduate Researcher

National Taiwan University

📍 Taipei, Taiwan

- Burying beetle vision



## TEACHING FELLOW EXPERIENCE

2019

### Biology Of Terrestrial Arthropods

Yale University

📍 New Haven, CT

- TF

2019

### Laboratory for Biology Of Terrestrial Arthropods

Yale University

📍 New Haven, CT

- TF

## CONTACT INFO

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🐦 [changyu\\_chang](https://twitter.com/changyu_chang)

🐙 [github](https://github.com)

🔗 [changyuchang.name](http://changyuchang.name)

For more information, please contact me via email.

## SKILLS

R

Python




Bash

Mathematica

*This resume was made with the R package [pagedown](https://github.com/Chang-Yu-Chang/pagedown).*

*The source code is available at [github.com/Chang-Yu-Chang/cv](https://github.com/Chang-Yu-Chang/cv).*

*Last updated on 2019-11-03.*

- 2019 **Laboratory for Evolution & Functional Traits**  
Yale University  New Haven, CT  
• TF
- 2016 **Biostatistics**  
National Taiwan University  Taipei, Taiwan  
• TF
- 2015 **General Botany Lab**  
National Taiwan University  Taipei, Taiwan  
• TF and lectured



## SELECTED PUBLICATIONS, POSTERS, AND TALKS

- 2018 **Ecological effects of cellular computing in microbial populations**  
Natural Computing  
• Mini-review



## LINKS



## FELLOWSHIPS, GRANTS, AND TRAVEL FUNDS

- 2020  
|  
2017 **Government Fellowship for Oversea Study**  
Taiwan Ministry of Education  
• \$42000 per year for three years
- 2016 **Graduate Student Attending International Conference**  
Taiwan Ministry of Education  
• \$1,000
- 2015  
|  
2014 **College Student Research Scholarship**  
Taiwan Ministry of Science and Technology  
• \$1,200



## ACADEMIC AWARDS

- 2016 **Best Poster Award**  
College of Life Science, National Taiwan University  Taiwan  
• Scientific poster

2015

**Dean's Awards**

College of Life Science, National Taiwan University

• ranking top 5% in the class

📍 Taiwan

2014

**Presidential Awards**

National Taiwan University

• ranking top 5% in the class

📍 Taiwan