

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

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

RESEARCH EXPERIENCE

2015
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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

2019

Laboratory for Evolution & Functional Traits

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

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.

Last updated on 2019-11-03.

- 2016

Biostatistics
 National Taiwan University
 • TF

📍 Taipei, Taiwan
- 2015

General Botany Lab
 National Taiwan University
 • TF and lectured

📍 Taipei, Taiwan



SELECTED PUBLICATIONS, POSTERS, AND TALKS

- 2018

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



LINKS



FELLOWSHIPS, GRANTS, AND TRAVEL FUNDS

- 2020
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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

- 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

2013

Taiwan Field Biology Course (TFBC)

📍 Taiwan

- Winner Prize for research and oral presentation