Wei Fang

Dyson College of Arts and Sciences, Biology Department

Pace University

Contact Information

Home Mailing Address: 34 Sagamore Way South, Jericho, NY 11753

Pace Email Address: wfang@pace.edu

Work/Home Phone number: (212) 346-1969 / (516) 320-0860

Education (Post-secondary degrees)

2003	Ph. D.	Department of Ecology and Evolution, Stony Brook University
1993	M. S.	School of Life Sciences, Sun Yat-sen University, Guangzhou, P. R. China
1990	B. S.	School of Life Sciences, Peking University, Beijing, P. R. China

Academic Appointments

2020-now	Assistant Professor, Biology Department, Pace University-NYC
2007-11	Assistant Professor, Biology Department, Long Island University-Post
2003-07	Assistant Professor, Biology Department, Long Island University-Brooklyn
1993-95	Research Associate, South China Institute of Botany, Chinese Academy of Sciences

Other Professional Experience

2016-20	Research Associate, School of Earth and Environmental Sciences, Queens College
2015	Visiting Scientist, National Ecological Observatory Network (NEON)
2003-04	Research Assistant Professor, SUNY at Stony Brook
1996	Seasonal Steward Ecologist, The Nature Conservancy-LI Chapter

Professional Licensures & Certifications (NA)

Year	Professional License or Certificate Name

SCHOLARSHIP

Scholarly / Creative Interests (NA)

List fields / topics

Scholarly Contributions & Creative Productions

Peer-reviewed Journal Articles (in English)

1. Xu P., **W. Fang**, T. Zhou, H. Li, X. Zhao, S. Berman, T. Zhang and C. Yi. 2022. Satellite evidence for forest canopy-height-dependent response to drought in southwestern China. *Environ. Res. Lett.* (accepted on 1/11/2022)
2. **Fang W**., C. Yi, D. L. Chen, P. Xu, G. Hendrey, N. Krakauer, K. Jensen, S. Gao, Z. Lin, G. Lam, Q. Zhang and T. Zhou. 2021. Hotter and drier climate made the Mediterranean Europe and northern Africa (MENA) region a shrubbier landscape. *Oecologia*: 1-16. 10.1007/s00442-021-05041-3 10.1007/s00442-021-05041-3
3. Gao, S., T. Zhou, C. Yi, P. Shi, **W. Fang**, R. Liu, E. Liang, and J. Camarero. 2020. Asymmetric impacts of dryness and wetness on tree growth and forest coverage. *Agric. For. Meteorol.* 288-289:107980. 10.1016/j.agrformet.2020.107980
4. **Fang W.** and X.Z. Wang. 2020. A field experimental study on the impact of *Acer platanoides*, an urban tree invader, on forest ecosystem processes in North America. *Ecol. Process*. 9:9. 10.1186/s13717-020-0213-5
5. **Fang W.**, Y. Li, R. Mo, H. Rang and W. B. Liu. 2020. Hospital and healthcare insurance system record-based epidemiological study of Myasthenia gravis in Southern and Northern China. *Neurol. Sci.* 10.1007/s10072-019-04146-1
6. Xu, P., **W. Fang**, T. Zhou, X. Zhao, H. Luo, G. Hendrey and C. Yi. 2019. Spatial upscaling of tree-ring-based forest response to drought with satellite data. *Remote Sensing* 11(20):2344. 10.3390/rs11202344
7. Gao, S., R. S. Liu, T. Zhou, **W. Fang**, C. Yi, R. J. Lu, X. Zhao and H. Luo. 2018. Dynamic responses of tree-ring growth to multiple dimensions of drought. *Global Change Biol.* 24(11): 5380-5390. 10.1111/gcb.14367
8. Xu, P., T. Zhou, C. Yi, **W. Fang**, G. Hendrey and X. Zhao, 2018. Forest drought resistance distinguished by canopy height. *Environ. Res. Lett.* 13(7): 075003. 10.1088/1748-9326/aacadd
9. Xu, P., T. Zhou, C. Yi, H. Luo, X. Zhao, **W. Fang**, S. Gao and X. Liu. 2018. Impacts of water stress on forest recovery and its interaction with canopy height. *Int. J. Environ. Res. Public Health* 15(6): 1257. 10.3390/ijerph15061257
10. Yi, C., G. Mu, G. Hendrey, S. M. Vicente-Serrano, **W. Fang**, T. Zhou**,** S. Gao and P. Xu. 2018. Bifurcated response of a regional forest to drought. *Expert Opin. Environ. Biol.* 7:2. 10.4172/2325-9655.1000153

11. Wei, S., C. Yi, **W. Fang** and G. Hendrey. 2017. A global study of GPP focusing on light use efficiency in a random forest regression model. *Ecosphere* 8(5): e01724. 10.1002/ecs2.1724
12. Wang, H., Z. Su, C. M. Luo, Y. Li, H. Feng, **W. Fang**, C. Du, J. Deng, F. Yu and W. B. Liu. 2013. The effect of steroid treatment and thymectomy on bone age and height development in juvenile Myasthenia gravis. *Neurol. Sci.* 34(12): 2173-2180. 10.1007/s10072-013-1443-4
13. Feng, H. Y., W. B. Liu, C. M. Luo, L. X. Yang, W. Fang, L. Qiu, X. Huang, Y. Li and R. X. Huang. 2012. A retrospective review of 15 patients with familial Myasthenia gravis over a period of 25 years. *Neurol. Sci.* 33(4): 771-777. 10.1007/s10072-011-0818-7
14. **Fang, W**. and X. Z. Wang. 2011. Impact of invasion of *Acer platanoides* on canopy structure and understory seedling growth in a hardwood forest in North America. *Trees* 25(3): 455-464. 10.1007/s00468-010-0520-z
15. Chen, F. H., **W. Fang**, Z. Y. Yang and J. G. Yuan. 2009. Cadmium and copper uptake and accumulation by *Sesbania rostrata* seedling, an N-fixing annual plant: implications for the mechanism of heavy metal tolerance. *Front. Biol. China* 4(2): 200-206.10.1007/s11515-009-0008-7
16. Adams, J. M., **W. Fang**, R. M. Callaway, D. Cipollini, E. Newell and TRAIN. 2009. A cross-continental test of the Enemy Release Hypothesis: leaf herbivory on *Acer platanoides (L.)* is three times lower in North America than in its native Europe. *Biol. Invasions* 11: 2005-2016. 10.1007/s10530-008-9312-4 (Both JA and WF are first author)
17. Wang, J. L., **W. Fang**, Z. Y. Yang, J. G. Yuan, Y. Zhu and H. Yu. 2007. Inter- and intraspecific variations of Cd accumulation of 13 leafy vegetable species in a greenhouse experiment. *J. Agricult. Food Chem.* 55(22): 9118-9123. 10.1021/jf0716432
18. Zhu, Y., H. Yu, J. L. Wang, **W. Fang**, J. G. Yuan and Z. Y. Yang. 2007. Heavy metal accumulations of 24 Asparagus bean cultivars grown in soil contaminated with Cd alone and with multiple metals (Cd, Pb and Zn). *J. Agricult. Food Chem.* 55(3): 1045-1052. 10.1021/jf062971p
19. Yu, H., J. L. Wang, **W. Fang**, J. G. Yuan and Z. Y. Yang. 2006. Cadmium accumulation in different rice cultivars and screening for pollution-safe cultivars of rice. *Sci. Total Environ.* 370 (2-3): 302-309. 10.1016/j.scitotenv.2006.06.013
20. Yuan, J. G., **W. Fang**, L. Fan, Y. Chen, D. Q. Wang and Z. Y. Yang. 2006. Soil formation and vegetation establishment on the cliff face of abandoned quarries in the early stages of natural colonization. *Restor. Ecol.* 14(3): 349-356. 10.1111/j.1526-100x.2006.00143.x
21. **Fang, W.**, D. R. Taub, G. A. Fox, R. M. Landis, S. Natali and J. Gurevitch. 2006. Sources of variation in growth, form and survival in dwarf and normal-stature pitch pine *Pinus rigida* (Pinaceae) in long-term transplant experiments. *Am. J. Bot.* 93(8): 1125-1133. 10.3732/ajb.93.8.1125 (Both WF and DT are first author)

22. Zheng, Z. W., **W. Fang**, H. Y. Lee and Z. Y. Yang. 2005. Responses of to cadmium stress. *FEMS Microbiol. Ecol.* 54(3): 455-61. 10.1016/j.femsec.2005.05.006
23. **Fang, W**. 2005. Spatial analysis of an invasion front of *Acer platanoides*: Dynamic inferences from static data. *Ecography* 28(3): 283-294. 10.1111/j.0906-7590.2005.04052.x
24. Landis, R. M., J. Gurevitch, G. A. Fox, **W. Fang** and D. R. Taub. 2005. Variation in recruitment and early demography in Pinus rigida following crown fire in the pine barrens of Long Island, NY. *J. Ecol.* 93(2): 607-617. 10.1111/j.1365-2745.2005.00996.x
25. Hyatt, L. A., M. S. Rosenberg, T. G. Howard, G. Bole, **W. Fang**, J. Anastasia, K. Brown, R. Grella, K. Hinman, J. P. Kurdziel and J. Gurevitch. 2003. The distance dependence prediction of the Janzen-Connell hypothesis: a meta-analysis. *Oikos* 103(3): 590-602. 10.1034/j.1600-0706.2003.12235.x
26. **Fang, W**. and S. L. Peng. 1997. Development of species diversity in the restoration process of establishing a tropical man-made forest ecosystem in China. *Forest Ecol. Manag.* 99(1, 2): 185-196. 10.1016/s0378-1127(97)00204-1

Peer-reviewed Journal Articles (in Chinese or for Chinese Journals)

1. Liu, W. B., H. Ran, C. Y. Ou, L. Qiu, Z. D. Huang, Z. Q. Lin, Y. K. Li, X. X. Liu, H. Huang and **W. Fang**. 2017. Developing an international consensus guidance for Myasthenia gravis using RAND/UCLA appropriateness method. *Neuroimm. Neuroinflam*. 4: 54-60. (WF is the corresponding author) 10.20517/2347-8659.2016.47
2. Dai, Q. L, J. G. Yuan, **W. Fang** and Z. Y. Yang. 2007. Differences on Pb accumulation among plant tissues of 25 varieties of maize (Zea mays). *Front. Biol. China* 2(3): 303-308. 10.1007/s11515-007-0044-0
3. Zhu, F., **W. Fang**, Z. Y. Yang. 2006. Variations of Cadmium absorption and accumulation among different cultivars of tomato crops. *Acta Ecol. Sin.* 26(12): 4071-4081.
4. Peng, S. L, **W. Fang**, H. Ren, Z. L. Huang, G. H. Kong, Q. F. Yu and D. Q. Zhang. 1998. The dynamics on organization in the successional process of Dinghushan Cryptocarya community. *Acta Phytoecol. Sin.* 22(3): 245-249.
5. Xiang, Y. C., S. L. Peng, H. C. Zhou and **W. Fang**, 2001. Biological invasion and its impacts. *Ecol. Sci*. 20(4): 68-72.
6. Zhong, X. Q., H. D. Zhang, and **W. Fang**. 1996. Successional dynamics of the Heishiding subtropical evergreen broad-leaved forest at Fengkai of Guangdong Province. *Scientia Silvae Sin.* 32(4): 305-310.
7. **Fang, W**. and S. L. Peng. 1996. A study on indices of population importance value in community of evergreen broad-leaved forest. *Acta Ecol. Sin*. 16(1): 111-115.
8. Peng, S.L. and **W. Fang**. 1996. Dynamics of community structure of a secondary evergreen broad-leafed forest in Baiyunshan of Guangzhou. *Chinese J. Appl. Environ. Biol.* 2(1): 22-28.

9. Peng, S.L. and **W. Fang**. 1995. Features of biomass and productivity dynamics in the successional process of low subtropical forest. *Sci. Ecol.* (2): 1-9.
10. Peng, S.L. and **W. Fang**. 1995. Population dynamics of *Castanopsis chinensis* and *Schima superba* in successional forest of Dinghushan. *Acta Phytoecol. Sin.* 19(4): 311-318.
11. **Fang, W.**, M. M. Ding, D. M. Lu, Z. A. Li, X. A. Cai, G. Y. Zhou and Z. Y. Yu. 1995. Hydrological dynamics and nutrient migration of man-made forest in low subtropical lowlands. *Acta Ecol. Sin*. 15(Supp. A): 115-123.
12. Ding, M. M., S. L. Peng, Z. Y. Yu, Z. A. Li and **W**. **Fang**. 1995. Nutrient cycling in a compound ecosystem of forest, orchard, grassland, and pond in Heshan, Guangdong. *Acta Ecol. Sin.* 15(Supp. A): 82-92.
13. Li, Z. A., **W**. **Fang** and D. M. Lu. 1995. Physical and chemical properties of soils in Heshan hilly topography. *Acta Ecol. Sin.* 15(Supp. A): 93-102.
14. Li, Z. A., M. M. Ding, **W**. **Fang**, H. Wong and X. A. Cai, 1995. Nutrient storage and distribution in a man-made *Acacia mangium* forest. *Acta Ecol. Sin.* 15(Supp. A): 103-114.
15. **Fang, W**., S. L. Peng and D. Q. He, 1995. Population dynamics of successional process of secondary forest in Baiyunshan of Guangzhou. *Chin. Bull. Bot.* 12 (Supp. 2): 55-62.
16. Peng, S.L., **W. Fang**, H. L. Cao, Z. Y. Yu, and H. Ren. 1995. The impact of human disturbance on tropical man-made *Eucalyptus* forest ecosystem. *Acta Ecol. Sin.* 15(Supp. A): 31-37.
17. **Fang, W**. and S. L. Peng. 1995. Changes of tree species in the successional process of *Pinus massoniana* dominated community in Dinghushan, Guangdong, P.R.China. *J. Trop. Subtrop. Bot.* 3(4): 30-37.
18. **Fang, W**. and S. L. Peng. 1995. Community Structure Dynamics of *Pinus massoniana* dominated forest in natural succession in Guangzhou Baiyunshan. *Acta Ecol. Sin.* 15(Supp. A): 38-43.
19. Peng, S.L. and **W. Fang**. 1994. Population dynamics of dominant species in the successional process of Dinghushan forest. III. *Cryptocarya chinensis* and *Cryptocarya concinna*. *J. Trop. Subtrop. Bot*. 2(4): 79-87.
20. **Fang, W.**, M. G. Li, B. S. Wang and H. T. Chung. 1994. Nutrient cycling and budget in the process of leaf litter decomposition in the forest community of Heishiding in Guangdong. *J. Trop. Subtrop. Bot*. 1(1): 20-30.
21. Kitching, R., S. McIntyre, S. L. Peng and **W**. **Fang**. 1994. Review of the past, present and future of ecology in Australian (I). *Chin. J. Ecol*. 13(4): 75-80.
22. Kitching, R., S. McIntyre, S. L. Peng and **W**. **Fang**. 1994. Review of the past, present and future of ecology in Australian (II). *Chin. J. Ecol*. 13(5): 73-79.

Published Book Chapters

1. Yang, S. Y., Q. F. Guo, **W. Fang**, J. S. He, Z. Wang and Q. Y. Li. 2014. Ch. 1 Measurement of biodiversity, in J. Q. Chen and S. Y. Yang (eds), Ecological Methods for Terrestrial Ecosystems. Higher Education Press, Beijing. 1-40.
2. Yang, Z. Y., G. R. Xin, J. G. Yuan, **W. Fang** and G. X. Li. 2008. Chapter 1. Ecological fertilization: An example for paddy rice performed as a crop rotation system in southern China. In L. R. Elsworth and W. O. Paley (eds.), Fertilizers: Properties, Applications and Effects. NOVA Publishers. 1-28.
3. **Fang, W.** 2002. Meta-analysis in ecology and evolutionary biology. In J.G. Wu and X.G. Han (eds), Lectures in Modern Ecology (II): From Basic Science to Environmental Issues. Chinese Science and Technology Press. Beijing. 83-94.
4. **Fang, W**. 2000. Chapter 3—Biological invasion and global change. In J.Y. Fang (ed.), Global Ecology: Climate Change and Ecological Responses. Chinese Higher Education Publisher & Springer. Beijing. 43-70.
5. Peng, S.L. and **W. Fang**. 1995. Changes of shrub species of Dinghushan forest community in the successional process. Advances in Biodiversity Research. Chinese Science and Technology Press. Beijing. 335-344.
6. **Fang W.**, M. G. Li, B. S. Wang and H. T. Chung. 1994. Leaf litter quantity dynamics of dominant species in Heishiding forest of Guangdong. Advances and Present Situations in Plant Population Ecology. Heilongjiang Science and Technique Press. 202-208.
7. **Fang, W.**, M. G. Li, B. S. Wang and H. T. Chung. 1993. An estimation of soil microbial respiration capacity, carbon metabolism and energy transference in the forest of Guangdong Heishiding. Energy Ecology —Theory, Method and Practice. Jilin Science Technology Press. 204-208.

Work under Review

Tian Z.K, C. Yi, Y.Y. Fu, E. Kutter, G. Hendrey, N. Krakauer, J. Singer, Q. Zhang, H. Luo and **W. Fang**. The impacts of climate change on terrestrial ecosystem carbon stocks in China. (submitted to *Ecological Informatics* on 11/27/2021)

Other Publications or Products (other 33 conference abstracts / publications omitted)

Fang, W., J. Chen, P. Cole and W. Qiu. 2020. Plants and People in New York City. **Abstracts** for 105th Annual Meeting of ESA, Virtual. (oral presentation)

Work in Development / Collaborations

Aiello-Lammens M, F. Gordon, J. Gurevitch and **W. Fang**. A retrospective analysis of Long Island pitch pine transplanting experiment after 22 years. (in preparation for American Journal of Botany, targeted submission date: 6/30/2022)

Fang W., Y. Genc, P. Cole, W. Qiu and J. Chen. Ecological inequality in NYC parks based on 30 years of vegetation survey and twitter sentiment analysis. (in preparation for *Landscape and Urban Planning*, targeted submission date: 8/31/2022)

Gordon F, M Aiello-Lammens, J. Gurevitch and **W. Fang**. A retrospective analysis of Long Island pitch pine survey study after 25 years. (in preparation for Journal of Ecology, targeted submission date: 12/31/2022)

Zhang Qin, Chuixiang Yi, Runze Li, Georg Wohlfahrt, Max Rietkerk, George Hendrey, **Wei Fang**, Eric Kutter, Georgia Destouni, Jerker Jarsjo, Gustaf Hugelius, Jianxu Han, Zhenkun Tian, Shiguo Xu. Synergetic control boundary of temperature and precipitation on ecosystem respiration. (in preparation for *Natura Communication*, targeted submission date: 12/31/2022)

Alvarado S., M. Hackett, E. Anavian and **W. Fang**. Phenotypic plasticity of body coloration in bluegill sunfish *Lepomis macrochirus*. (data collected, target submission date: Spring 2023)

Grants

Completed

Title: Identification of biomarkers for MG clinical subtype classification and development of treatments through precision medicine.

Role: Co-PI

Funding Agency/Sponsor: National Science Foundation of China (ID: 81620108010)

Award Date: 01-01-17 – 12-31-21| Total Funding: $342,500

Funded - In Progress

Title: Modernizing Curriculum towards the Goals of UN SDGs for Central Asian Universities: Climate Action and Sustainability Development.

Role: PI

Funding Agency/Sponsor: US Embassy in Tashkent, Uzbekistan and American Councils for International Education (Federal Award Number: SUZ80021CA3148)

Award Date: 01-01-22 – 09-30-22| Total Funding: $23,998

Title: Advancing Key Curriculums of Ecology and Environmental Sciences for Regional Universities in Kazakhstan & Beyond

Role: Co-PI

Funding Agency/Sponsor: US Embassy in Kazakhstan and American Councils for International Education (ID: UGWR2466)

Award Date: 01-01-22 – 09-30-22| Total Funding: $38,000

Title: Exploring the color change of male African cichlid fish *Astatotilapia burtoni*, in Lake

Tanganyika in response to urbanization and algal bloom.

Role: Co-PI

Funding Agency/Sponsor: National Science Foundation (ID: 1921773)

Award Date: 08-01-19 – 07-31-22| Total Funding: $499,995

Grants applied for but not awarded

Title: A multi-scaled evaluation of water chestnut expansion and associated ecological degradation in the Hudson River Estuary for invasive species management.

Role: PI

Funding Agency/Sponsor: National Estuarine Research Reserve Systems

Reason for Grant not awarded: Preproposal submitted, pending

Start Date: 2021-2024| Applied Date: 12/08/2020 | Total Funding: $600,000

Title: Assessing ecological consequences of Trapa invasion and removal toward sustainability of ecosystem function and services in the Hudson River estuary

Role: PI

Funding Agency/Sponsor: New York Sea Grant

Reason for Grant not awarded: Preproposal submitted, pending

Start Date: 2022-2024| Applied Date: 2/25/2021 | Total Funding: $240,000

Invited Talks and Presentations

2018 CUNY Queens College-School of Earth and Environmental Sciences. To live or to die: when trees face drought. (Flushing, NY)

Media Appearances (NA)

TEACHING (Pre-Pace experience omitted)

Courses Taught

Name Title (include Prefix and Course Number): MAT 141 – Introductory Statistics

Semester Year first developed: Spring 2021

Number of semesters taught: 1

Brief description: Biostatistics to Bio majors, 4 hrs/wk

Name Title (include Prefix and Course Number): BIO 102 – General Biology Lab

Semester Year first developed: Spring 2021

Number of semesters taught: 1

Brief description: Introductory biology to bio majors, 3 hrs/wk

Courses Created

Name Title (include Prefix and Course Number): ENS 326 –Geographic Information Systems

Semester Year first developed: Spring 2022

Number of semesters taught: 0

Brief description: Geographic Information Systems, elective course for Bio majors, 3 hrs/wk

Name Title (include Prefix and Course Number): BIO 210 - Ecology

Semester Year first developed: Fall 2020

Number of semesters taught: 2

Brief description: Ecology, a core course for Bio majors, 6 hrs/wk

Students Mentored and/or Student Collaborators

Graduate Students

Student Name: Marisa Flannery (Advisor: Dr. William Eaton)

Date: 11/2020 - now

Brief Description: Master thesis on soil microbial diversity in Costo Rica

Undergraduate Students

Student Name: Patricia Madyesh Folmar

Date: 01/2022 – 05/2022

Brief Description: BIO 395 for spring 2022, thesis on generalists&specialists of invasive sp.

Student Name: Prunima Chopra

Date: 05/2021 – 12/2021

Brief Description:

(1) 2021 Provost summer research grant. Developing a species distribution model to identify the drivers of invasive water chestnut in the Hudson River.
(2) Fall 2021-Spring 2022 Work-Study Research Assistant Grant. Carbon budget and soil resporition in Black Rock Forest.

Student Name: Spencer Berman
Date: 05/2021 – 12/2021
Brief Description:
(1) BIO 480 for Fall 2021, Forest resistence to drought and its canopy height dependence
(2) Co-author of Xu & Fang et al, 2022. Environmental Research Letter paper

Student Name: Gabriella Lam
Date: 08/2020 – 12/2021
Brief Description:
(1) BIO 292 for fall 2020, Work-Study Research Assistant Grant for spring 2021. Vegetration responses to climate and anthropogenic changes in the Mediterranean regions.
(2) BIO 491 for fall 2021. The importance of the COVID-19 vaccination for cancer patients.
(3) Co-author of Fang et al, 2021. Oecologia paper

Student Name: Gabriella Vigodner
Date: 01/2021 – 05/2021
Brief Description: BIO 395 for spring 2021, thesis on contributing factors of COVID

Student Name: Lara Ellentuck
Date: 03/2021 – 04/2021
Brief Description: Polgar Fellowship applicant, Hudson River Foundation (not funded)

Student Name: Sydney Hildreth
Date: 03/2021 – 10/2021
Brief Description:
(1) 2021 Summer Dyson Undergraduate Student-Faculty Research Initiative Applicant
(2) BIO395 for Fall 2021, Asymmetry of human hemispheres and how corpus callosum affects (Dropped by the end of 10/2021)

Course Evaluations [Display the information below for all courses taught the last 5 years:]

Fall 2021

Course Prefix	Course Number	Enrollment	Avg. Rating	Course Title
BIO	210	40	4.26	Ecology

Spring 2021

Course Prefix	Course Number	Enrollment	Avg. Rating	Course Title
MAT	141	31	3.69	Intro Statistics for Life Sciences
BIO	102	11 + 11	3.84	Introductory Biology Lab

Fall 2020

Course Prefix	Course Number	Enrollment	Avg. Rating	Course Title
BIO	210	35	3.98	Ecology

SERVICE, LEADERSHIP AND PROFESSIONAL DEVELOPMENT (Pre-Pace experience mostly omitted)

Internal Service or Leadership

University Level (NA)

4/2021 Presenter and Panelist, Future of Work Conference, Panel of Climate and Communities

School Level (NA)

4/2021 Pace Bound Events, Dyson College of Liberal Arts and Sciences

3/2021-now Elected member of Overhead Efficiencies Team of Strategic Planning, New York Faculty Council (NYFC), Pace University

Department Level

9/2021-now Organizer of Strategic Planning "Monthly Research Show & Tell" project

9/2021-now Co-organizer of Strategic Planning "Faculty Research Integrated into CURE"

10/29/2021 Invited and hosted outside speaker Joh Bowermaster for BIO 210 and Bio Dept.

4/5/2021 Invited and hosted Biology Department seminar, presented by Jiquan Chen, MSU

09/2020 – now Biology Department Student Success Committee, member

Other Internal Service (NA)

Month Year – Month Year Committee/Organization name, your role

External Service or Leadership

International/National

2020-now Journal reviewer for *Ecological Processes*, *Forest Ecology and Management*, *Environmental Research Letters*

2021-now NEON (National Ecological Observatory Network, NSF funded) Ecological Forecasting Technical Working Group (EF TWG), advisor

2020-now Alliance of Youth Leaders in the US (AYLUS)-Syosset Branch, advisor

2017-now Tai Chi Qigong Association of America, board member and treasurer

Regional/State/Local

2016-now Long Island School of Chinese, board member and treasurer

2019-now Judge, Speech Tournaments of Long Island Forensic Association

Professional Development (career development opportunities you have pursued)

Jan. 18-19, 2022 Equity Minded Syllabus Workshop

Jan. 11-14, 2022 Academic Portfolio Workshop (Service)

Jun. 1-4, 2021 Academic Portfolio Workshop (Teaching)

Jan. 11-14, 2021 Academic Portfolio Workshop (Research)

May 11 & 13, 2021 The Institute on Teaching and Learning

Jan. 6-8, 2021 Teaching Techniques Workshop

Aug. 4-6, 2020 Teaching Effectively Online Workshop

Oct. 8, 2021 NSF Town Hall: Data Science Education

Jul 20-21, 2021 Workshop -- Integrating large ecological datasets into undergraduate research and teaching with EREN, NEON and Project EDDIE

Jun 14-17, 2021 Open Explore NEON Workshop https://www.neonscience.org/get-involved/events/open-explore-neon-workshop

May 24-Jun. 11, 2021 Instructor, UniCEN Kazakhstan Workshop – Key Curriculums in Ecology and Environmental Sciences in Kazakhstan and Central Asia Academic Institutions. http://workshopkzusa.tilda.ws/

Memberships

2016-now American Geological Union

1996-now Ecological Society of America

1996-now Sino-Ecologists Association Overseas

2017-now New York Academy of Sciences

1998-now Long Island Botanical Society

2001-now Sigma Xi Honor Society

Awards and Nominations

Month Year	Organization, Title of Award
2001	Lutz Predoctoral Award, Association of Women in Sciences Educational Foundation
2001	Sokal Endowment Award, SUNY at Stony Brook
2001	Research Grant, International Society of Arboriculture
2001	Battelle Memorial Pine Barrens Research Award, Brookhaven National Lab
2001	Excellence in Research Award, Sigma Xi
2001	Travel Award, Sigma Xi
2000	Grants-in-Aid of Research, Sigma Xi
2000	Graduate Student Travel Award, Ecological Society of America
1999	L.B. Slobodkin Research Award, SUNY at Stony Brook
1999	Outstanding Student Presentation Award, SUNY at Stony Brook
1996	Special commendation from Nassau County Executive, NY, as a Seasonal Stewardship Ecologist, The Nature Conservancy-LI Chapter