

Angela Xuanyu Lin

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EDUCATION

Fontbonne Academy, Milton, MA (2019 – Present)

Cumulative Weighted GPA – 4.05

TOEFL: 109 (R29, L29, S23, W28)

- Senior Year schedule: AP US History, AP Biology, AP Physics C, AP Calculus BC, Theology 4 CP, Women in Literature CP, Health 12 CP, Outdoor Recreational Activities CP,
- Possible major interests in college: Biology, Environmental Engineering, Chemistry

PEER REVIEWED JOURNAL PUBLICATION (advisor: Prof. Feng Zhang, Hebei University)

Yannan Mu, **Xuanyu Lin** & Feng Zhang (2022) First Records of the genus *Phrurotimpus* Chamberlin & Ivie, 1935 from China, with two new species and one new combination (Araneae: Phrurolithidae). *Zootaxa* 5124(5): 565-576.

<https://pubmed.ncbi.nlm.nih.gov/35391101/>

- **My role:** Literature search and review focusing on publications related to species described in North America, specimen preparation and comparison, manuscript preparation focusing on English editing and writing.

ONLINE PUBLICATIONS ON BIODIVERSITY AND MY RESEARCH (IN CHINESE WITH ENGLISH TITLES):

- 01/2022: My research (1): Research Technology <https://mp.weixin.qq.com/s/FpqRKmxM5p3uLDO32qSc1w>
- 02/2022: My research (2): Environmental Conservation <https://mp.weixin.qq.com/s/OGloPvs9MC4z9Bgqx5nwFQ>
- 03/2022: My research (3): Spider Research https://mp.weixin.qq.com/s/-0T0tQ_TeQdAm0NHhAzqA
- 06/2022: My research (4): Biodiversity <https://mp.weixin.qq.com/s/nbdByjBavfyO4FYcwZDs8g>
- Fun video, Jumping Spiders <https://mp.weixin.qq.com/s/bDwbT95luL6odsw013cetQ>
- Fun video, Mating Dance <https://mp.weixin.qq.com/s/4A7NyQsKlvo9vBTWkl4-EQ>

ENGLISH EDITING AND PROOFREADING OF MANUSCRIPTS FROM PROF. ZHANG'S LAB, WITH MY NAME ON THE ACKNOWLEDGEMENTS SECTION.

PUBLISHED:

- Description of Eight new *Otacilia* THORELL, 1897 from China (Araneae: Phrurolithidae)
Authors: YANNAN MU, CHI JIN & FENG ZHANG (published: <https://pubmed.ncbi.nlm.nih.gov/36101067/>)
- First recorded of genus *Phrurotimpus* Chamberlin & Ivie, 1935 from China, with two new species and one new combination (Araneae: Phrurolithidae)
Authors: YANNAN MU, XUANYU LIN & FENG ZHANG (published: <https://pubmed.ncbi.nlm.nih.gov/35391101/>)
- First records of the genus *Arabelia* Bosselaers, 2009 from China, with description of one new species (Araneae: Liocranidae)
Authors: YANNAN MU & FENG ZHANG (published: <https://bdj.pensoft.net/article/85436/>)
- *Lingulatus* gen. nov., a new genus with description of three new species and one new combination (Araneae: Phrurolithidae)
Authors: YANNAN MU & FENG ZHANG (published: <https://pubmed.ncbi.nlm.nih.gov/36095730/>)
- Two new species of the pseudoscorpion subfamily Lamprochernetinae Beier, 1932 from Guizhou, China (Pseudoscorpiones: Chernetidae)
Authors: HONGRU XU, ZHIZHONG GAO & FENG ZHANG (published <https://pubmed.ncbi.nlm.nih.gov/35391285/>) Two new species of cave-adapted pseudoscorpions (Pseudoscorpiones: Chthoniidae) from Yunnan, China
Authors: YANMENG HOU, ZHIZHONG GAO & FENG ZHANG (published: <https://zookeys.pensoft.net/article/82527/>)

SUBMITTED FOR PUBLICATION:

- Two new *Corinnomma* Karsch, 1880 species from Yunnan, China (Araneae, Corinnidae)
Authors: LU ZHANG, CHI JIN & FENG ZHANG (manuscript submitted)
- Diversity of cave-dwelling pseudoscorpions from eastern Yunnan, with the description of eleven new species of the genus *Lagynochthonius* (Pseudoscorpiones, Chthoniidae)
Authors: YANMENG HOU, ZHIZHONG GAO & FENG ZHANG (manuscript submitted)
- Three new *Spinirta* species from China (Araneae, Corinnidae), with the first description of the male of *Spinirta leigongshanensis*
Authors: LU ZHANG, CHI JIN & FENG ZHANG (manuscript submitted)

MANUSCRIPT, EDITING:

- Four new species of cave-adapted pseudoscorpions (Pseudoscorpiones, Pseudotyranochthoniidae) from Guizhou, China
Authors: YANMENG HOU & FENG ZHANG (manuscript, I am working on English editing)

SCHOOL ONLINE FORUM PUBLICATIONS (ONE OF THE AUTHORS, IN BOTH CHINESE AND ENGLISH):

- The Forbidden City: <https://r.xiumi.us/stage/v5/56GKC/279090604>

- Boston Satellite Campus: https://mp.weixin.qq.com/s/i1eyvnfc5GR_RWh0mUeYuw
- The First Soccer Match: <https://a.xiumi.us/stage/v5/4ZUOY/256757605#/>
- The Halloween Party: <https://mp.weixin.qq.com/s/WGfqae61ev4oiJdv8u2vZw>
- Ivy League Graduates Visit: https://mp.weixin.qq.com/s/A5M7ZWOP2YNskm3PcH_TKQ
- Boston Satellite Ball: <https://mp.weixin.qq.com/s/1cgoYzHiW06iVsGUa7lpPg>
- Debate: https://mp.weixin.qq.com/s/-ZURpFCHs6_jgGRItR7ojA
- Talent Show: <https://mp.weixin.qq.com/s/ztHCLZ6wyeWDRfakoZxDIA>
- Back to School: https://mp.weixin.qq.com/s/i1eyvnfc5GR_RWh0mUeYuw
- New Uniform: https://mp.weixin.qq.com/s/pectNnCdwsZGGZVdkWN_Lg
- Trip To 798: <https://mp.weixin.qq.com/s/wXBvtquJyUwTpLD9sce8gQ>

HONORS AND AWARDS

- National Honors Society, 12th grade.
- 1st Place among the 51 Fontbonne participants, AMC 12, 11th grade
- Honor Roll, Head of School List, 11th grade
 - GPA 4.000 or above with no grade below A- in college preparatory and honors courses or B+ in an A.P. course in a given quarter
- The Best Debater Award, Fontbonne Academy, 10th grade
 - One of the three debaters voted by Fontbonne students and teachers among the approximate 40 debate participants.
- Honor Roll, First Honors, 9th and 10th grade
 - GPA 3.750 or above with no grade below B- in college preparatory and honors courses or C+ in an A.P. course in a given quarter.
- Excellent Performance Award (team), Spartan Race 2021, 5k, 20 obstacles, 10th grade
 - Worked with a team of 13 members, competing with 20 other teams.
- First Place (team), Scavenger Hunt, The 798 Art Center, 10th grade
 - Worked with a team of 4 members, competing with 15 other teams. Spent a whole day to find answers to questions related to Art and History and to finish other tasks, i.e., interviewing visitors and participating in their activities, preparing writings on Why Art is Important, etc.
- Level-10 Certificate in Violin, certified by Zhejiang Province Education Bureau, 9th grade
 - The highest level in the province for non-professional violinists in middle and high schools.

EXTRACURRICULAR ACTIVITIES

OFF-CAMPUS:

Lab Assistant, Hebei University – 10-11th grade (Supervising Professor: Feng Zhang, 2020 summer, 2021 winter)

- Lab work to gain lab skills and research experience, including sorting and labeling of specimens, assistance with specimen storage, cleaning of vials and jars, learning of species identification, and a 3-day field trip in 2020. 50 hrs/wk, 2 wks/yr.

Research on Species Diversity, Hebei University – 10-12th grade (Supervising Professor: Feng Zhang, remote)

- Remote work on one paper (published), including literature searching and reviewing, manuscript editing, and communicating with other arachnologists. Also helped lab peers with English editing of at least 10 other manuscripts. 1 hr/wk, 20 wks/yr.

Summer Biology Lab Training, Hunan Normal University – 10th grade (Supervising Professor: Xiang Xu, 2021 summer)

- Joined professor Xu lab to learn the molecular technique used in spider and biodiversity research, including genomic DNA extraction and PCR (polymerase chain reaction) test, molecular markers in species identification, etc. 50 hrs/wk, 1 wk/yr.

Internship, Daren Environmental Technology – 11th grade (2021 winter)

- Learned the technology in water sample collection, lab testing and treatment, reviewed previous annual reports to gain more on water pollution and ecological problems caused by the rapid economic development. 20 hrs/wk, 2 wks/yr.

ON-CAMPUS:

Cooking Club, Founder and President – 10th grade

- Led a team of 15 members for weekly food preparation seminars, provided food services during school events, i.e., Thanksgiving dinner, Halloween party, field trip and birthday party, etc. 1 hr/wk, 32 wks/yr.

STEM Club, Founder and President – 11th grade

- Led the club members to build a two-stage water rocket with materials from daily life. A special separator was built to separate two rocket bodies to solve problem of delayed separation. We also studied and created the load-bearing paper bridge using the triangle, hexagonal, honeycomb shape principle. 2 hrs/wk, 32 wks/yr.

Yearbook Club, Editor and Writer – 10-11th grade

- Responsible for Yearbook designing, portrait and other data collection, and content editing. Served as one of the authors of eleven Campus Online Platform publications. 2 hrs/wk, 32 wks/yr.

Fontbonne Chorus, Member – 9th grade

- Participated rehearsals three times per week, performed on and off campus events each month. 3 hrs/wk, 32 wks/yr.

K-Pop Club, Member – 9th grade

- Enjoyed K-Pop music together with members, watched music videos of K-Pop artists, explored and learned Korean culture. 1 hr/wk, 32 wks/yr.

Cross Country Club, Member – 10 -11th grade

- Joined weekly training, participated in the International Spartan 5k Steeplechase competing with athletes from all over the world. 2 hrs/wk, 32 wks/yr.

Dance Club, Member – 10-11th grade

- Weekly practice and rehearsal. Five of our dance performances were selected and achieved by professional photographers. 1 hr/wk, 32 wks/yr.

Drama Club, Member – 10th grade

- Practiced and rehearsed twice a week, with two of our plays being selected to record and perform at school events: Turkey Play and Montana Play. 2 hrs/wk, 32 wks/yr.

Debate Club, Member – 10th grade

- In addition to weekly learning and practice, we also participated in two debate competitions, both team and individual. Received the Best Debater Award. 1 hr/wk, 32 wks/yr.

Bio-chem Club, Member – 10th grade

- Weekly meeting to learn and improve lab techniques and skills. We made our own perfume from natural material and created marbling with glue and paint. 1 hr/wk, 32 wks/yr.

Other Clubs, Member (One semester, weekly one-hour activities):

- Art Club, 10th grade,
- Badminton Club, 10th grade,
- Golf Club, 10-11th grade
- Swimming Club, 10-11th grade
- Yoga Club, 10-11th grade
- Math Competition Team, 11th grade

COMMUNITY SERVICE

OCT (Online Class Teaching) Program, Co-founder and President of Publicity Department, 9th grade

- Worked with 17 other members to set up OCT and composed 201 videos that published on various social platforms, such as WeChat, Tik Tok, Instagram, YouTube, etc., providing tutoring materials covering school subjects in Chemistry, Calculus, Biology, and Physics, as well as TOEFL and SAT preparation. My role was mainly focusing on marketing and content writing. 5 hrs/wk, 8 wks/yr.

Aurora Academy Project (Tutor Club), Member, 10th grade

- Online tutoring service to an ethnic minority school in western Hunan, focusing on Chinese, Math, and English for the 1st and 2nd grade students. Organized fundraiser events and donated stationery, textbooks, and other school materials. 1 hr/wk, 32 wks/yr.

Other volunteer services:

- 10/2019, Fontbonne Trunk or Treat, 1.5 hours.
- 09/2019, Fall Festival in Fontbonne Academy, 2 hours.

- 09/2019, 14th Annual 5K, Bay Run/Walk in Carson Beach, South Boston, 1 hour.
- 11/2019, Fontbonne Chorus service activity, 4 hours.

HOBBIES

- Violin, writing, reading, singing, dance, travel, video editing, website development, etc.