

Curriculum Vitae: Yunzhang James Hu

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Education	University of Chicago BS, <i>summa cum laude</i> , Environmental Science with Honors Cumulative GPA: 3.95/4.00; Department GPA: 3.98/4.00	Chicago, USA 2018 – 2022
Distinctions	Enrico Fermi Scholar: <i>top 5% of program over last five years</i> Dean's List: <i>top 20% of the College in relevant academic year</i> Phi Beta Kappa: <i>oldest and most prestigious U.S. academic honors society</i> Student Marshal: <i>highest honor in the College for overall excellence</i> Robert Maynard Hutchins Scholar: <i>top 10% of class year at end of second year</i>	2022 2022, 2020, 2019 2021 2021 2020
Experience	Rethink Priorities Research Assistant, Global Health and Development • Conduct exploratory and systematic literature reviews, and where relevant extract and code information and data, often on open-ended questions that are difficult to answer directly • Fact-check research reports to ensure accuracy and compliance with protocols and standards • Review GH&D team's writing to improve clarity, precision, and reasoning transparency • Maintain and organize research bibliographies across multiple projects and disciplines • Keep tabs on relevant developments within wider GH&D research community • Assist with project management and follow up on incoming concerns addressed to GH&D team • Contribute updates from GH&D team to internal newsletters and organization-wide wiki Lead Exposure Elimination Project Intern, Research and Communications • Publicized Malawi program cost-effectiveness analysis by writing 1,500-word blog post • Produced sensitivity analysis identifying principal contributors to Malawi CEA uncertainty • Conducted research project estimating global productivity loss from lead exposure in LMICs • Communicated results and implications of study by writing second 1,500-word blog post • Implemented communications strategy by revamping website home page content and design • Supported research and programs by editing and formatting research papers and policy briefs • Named a University of Chicago Jeff Metcalf Fellow and awarded competitive grant funding Department of the Geophysical Sciences, UChicago Research Assistant, Planetary Geoscience Group • Manually assembled dataset of 4,000 <2 billion year-old Martian impact craters using GIS • Developed computing methods in MATLAB linking crater orientation to Mars orbital history • Synthesized context and findings in 10,000-word honors thesis and research expo presentation Marine Biological Laboratory, UChicago Student Researcher, Semester in Environmental Science • Designed study to determine sources of elevated lead pollution in Plum Island, Massachusetts • Procured and analysed 30 soil cores for heavy-metal isotope concentrations using ICP-MS • Summarized context and findings in 5,000-word research report and symposium presentation	Remote Jul 2022 – Present London, UK Sep 2021 – Jul 2022 Chicago, USA Jun 2021 – May 2022 Woods Hole, MA, USA Oct 2021 – Dec 2021
Skills	General: Project Management • Literature Reviews • Academic Writing • Data Visualization Software: Excel • Canva • InDesign • QGIS • GeoDa • Git • WordPress • Squarespace • Causal Programming: Python • MATLAB • R • C • \LaTeX Languages: English (native) • Chinese (native) • French (elementary)	