

# QINLAN YANG

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## EDUCATION

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### Princeton University, USA

Sept. 2023 - present

Ph.D., Atmospheric and Oceanic Sciences

Advisor: Stephan Fueglistaler

### University of Reading, UK

Sept. 2019 - Jun. 2023

B.S., Atmospheric Sciences

First Class Degree

### Nanjing University of Information Science and Technology

Sept. 2019 - Jun. 2023

B.S., Atmospheric Sciences

GPA: 4.05/5.00 (90.44/100). Ranking: 2/43

## PUBLICATIONS

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**Yang, Q.**, Yu, Y.\*, Xia, X. Dynamical Effects of East Asian Topography on the Northern Hemisphere Stratospheric Polar Vortex in Winter. (under review)

Yu, Y.\*, Yang, W., Zhang, L., Guan, Z., **Yang, Q.**, Hu, M., Qiu, W., & Wang, J. (2022). Region-dependent Meteorological Conditions for the Winter Cold Hazards with and without Precipitation in China. *Natural Hazards*. <https://doi.org/10.1007/s11069-022-05659-3>.

Yu, Y.\*, Liu, B., Ren, R., Guan, Z., **Yang, Q.**, & Hu, M. (2022). Precursory Signals in the Stratospheric Meridional Mass Circulation for Mid-latitude Cold Air Outbreak Events of High and Low Sub-seasonal Predictability. *Journal of Geophysical Research: Atmospheres*, 127, e2022JD036814. <https://doi.org/10.1029/2022JD036814>.

## TALKS

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### 2nd Yangtze River Delta Atmospheric Science Research Forum, Nanjing, China

Dynamical Effects of East Asian Topography on the Northern Hemisphere Stratospheric Polar Vortex in Winter

## POSTERS

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### AGU 2024, Washington D.C., USA

Feedback or Internal Variability? Understanding Energetic Teleconnections of Internal Variability

## AWARDS & HONORS

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The C.V. Starr Fellowship Fund, Mr. Edward E. Matthews and The Starr Foundation. 2024

National Scholarship (**top 0.2%**), Ministry of Education of the People's Republic of China 2022

Pacemaker to Merit Student (**top 1%**), NUIST 2022

Excellent Camper, 2022 National Summer Camp for Outstanding College Students in 2022

Atmospheric Sciences, Institute of Atmospheric Physics, Chinese Academy of Sciences

First-class Scholarship (top 15%, **three times**), NUIST 2020, 2021

Merit Student (top 10%, <b>three times</b> ), NUIST	<i>2020, 2021, 2022</i>
Outstanding Student Leader (top 10%, <b>twice</b> ), NUIST	<i>2020, 2021</i>
First Prize in National College Students Mathematical Modeling Competition in Jiangsu Province (top 10%)	<i>2021</i>

**SERVICE**

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<b>Co-organizer</b> of 2024 Princeton AOS Summer Workshop on <i>Large-scale Atmospheric Circulation</i> .	<i>2024</i>
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**OUTREACH**

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NJ Ocean Fun Days, Island Beach State Park	<i>2024</i>
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