

Overseas Summer Research Sharing

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Outlines

Found around the house!

- Preparation
 - Application Procedure
 - Virtual ‘ORF’ Experience
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Preparation

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How to get
prepared for
conducting
research?

Early-stage preparation

1. Read more papers or news to find at least one thing interests you
2. Explore more by listening to some conference or presentations on Youtube to make sure you want to have a try and have some basic knowledge of this specific areas
3. Do not hesitate to seek help from your teachers, tutors and mentors!
4. Contact supervisor as early as possible

Application Procedure



How to find an overseas supervisor?

Three typical ways:

1. Participate in Undergraduate Research Program (REU,etc.)
2. Approach Professor during exchange programme
3. Direct email your potential supervisors

Pros and Cons of each approaches:

- For first method, research topics are limited and the selection is competitive; But usually the program is more official and there are requirements of final report
- You are free to choose your favorite topics for method 2 and 3, but it is always possible to get no response

General Procedure

1. Look at the professor's' Google Scholar page or personal website to check their recent work
2. Write an informative but precise email (Your background + research interest + goal)
3. Prepare for interview (familiar with your CV and clear about the professor's research)



General Procedure

1. Prepare the supporting documents for ORF(proposal + reference letter)
2. Find an internal supervisor from your home department
3. Submit application material and begin your research!



How to write a
proposal?

Proposal

1. Problem background
2. Introduction (What is the Research Problem)
3. Methodology (e.g. Mathematics: Analysis? Numerical Method? What are the potential tools?)
4. Some planning (e.g. xx weeks of reading/learning + xx weeks of researching)

Virtual Experience



What will happen
in a remote
research project?

My experience

Normal Version (f2f)	Remote Version
Weekly meeting (face to face)	Weekly meeting (zoom)
Self-study and paper reading	Self-study and paper reading
Discussion with my supervisor	Discussion with supervisors as well as his PhD students (more teamwork)
Final report and poster	Final report and poster

In conclusion, the remote version of research project is nothing but conducting the meeting online.

A winter landscape featuring a snow-covered path that leads towards a line of bare trees. The sun is positioned high in the sky, creating a bright glow and casting long, soft shadows across the snow. The sky is a clear, pale blue, and the overall scene is peaceful and serene.

**Thank you for listening
and
hope you all can find your
own research path!**

Enjoy your research!