

The background of the slide features a light gray, swirling pattern on the left side, resembling stylized waves or floral motifs. Several small, gray butterfly silhouettes are scattered across the page, including one near the top left, one near the top center, and a cluster of three on the right side.

Application for Guo Moruo Scholarship

By Wang, Peidong

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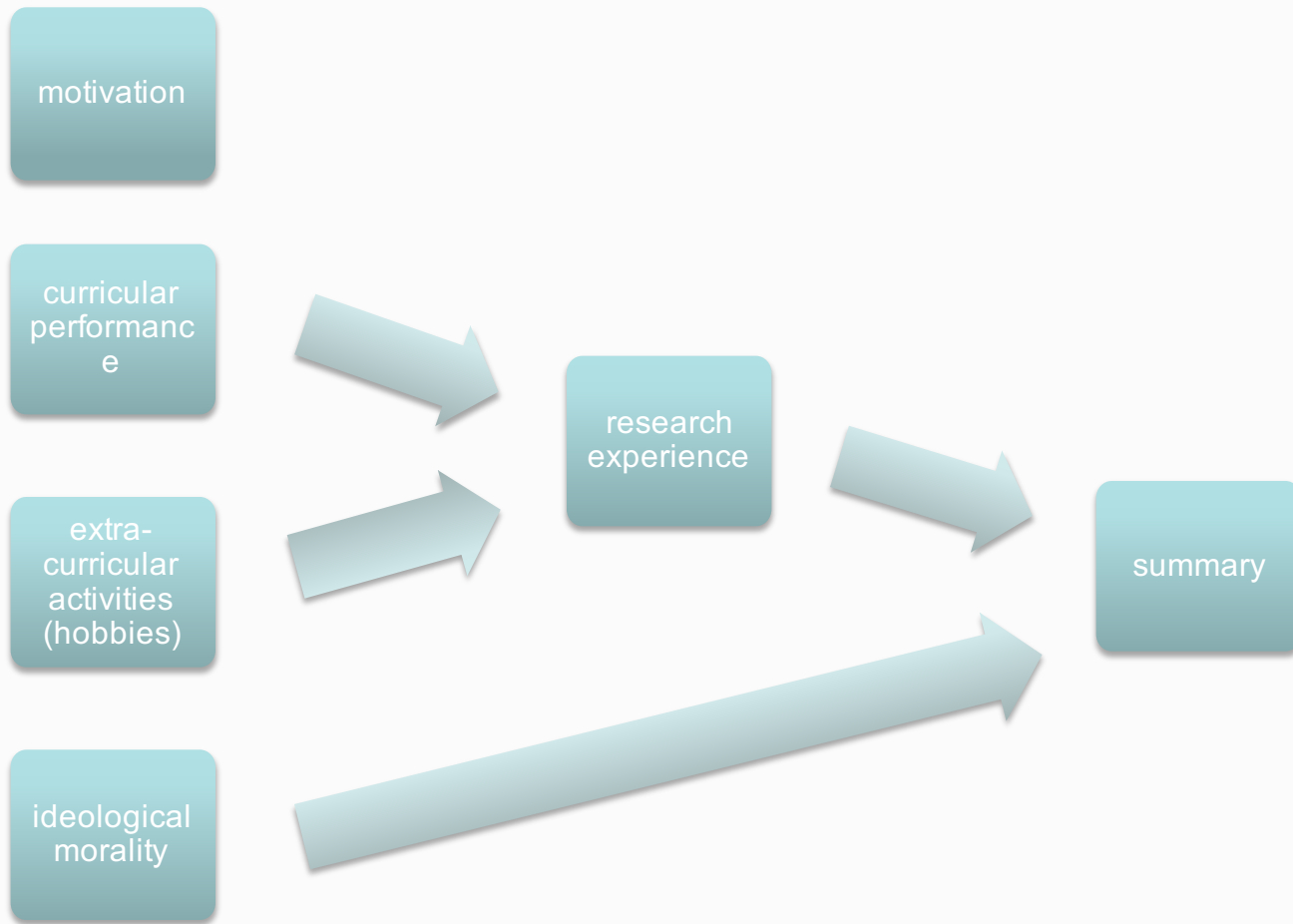
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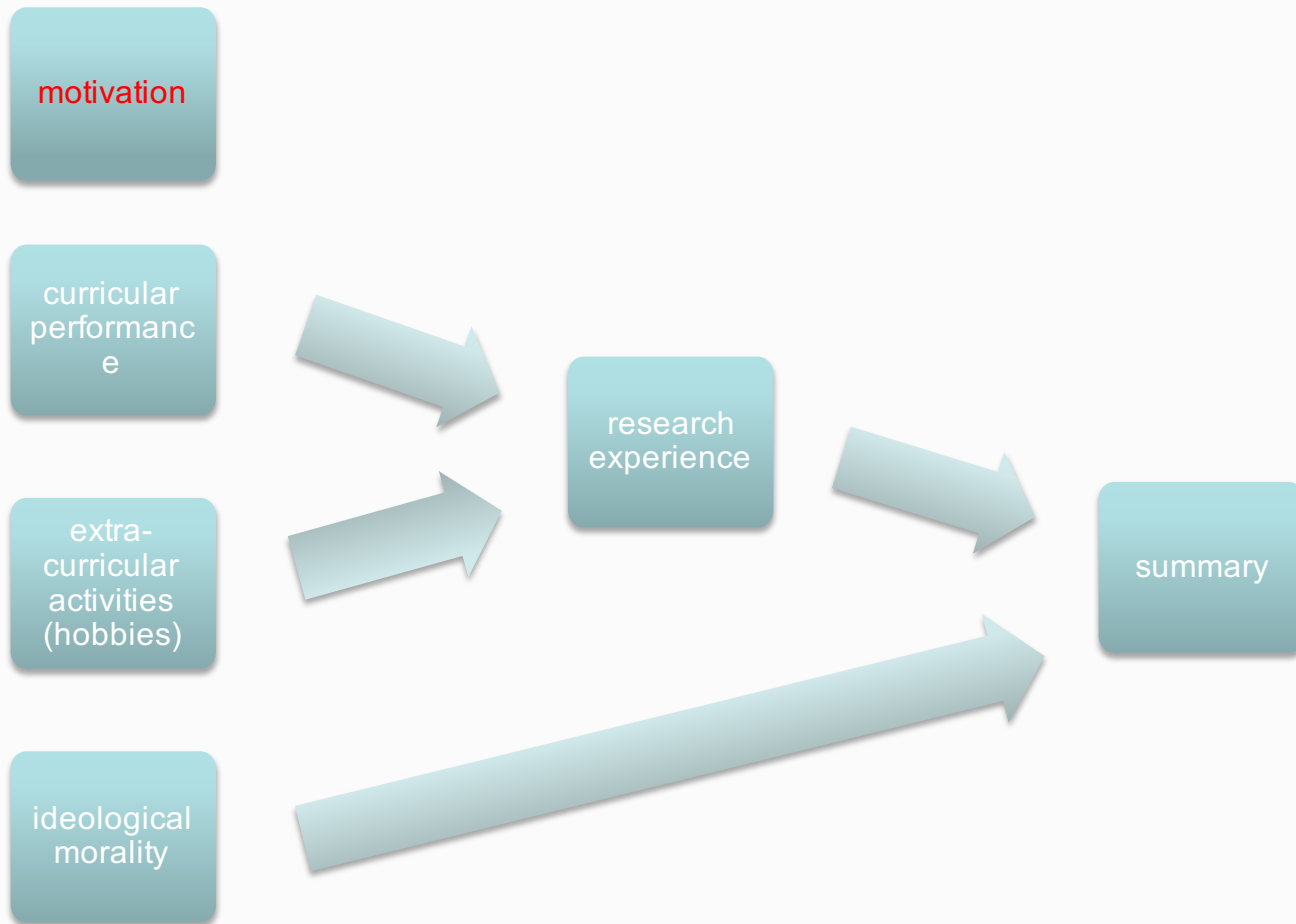
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Organization



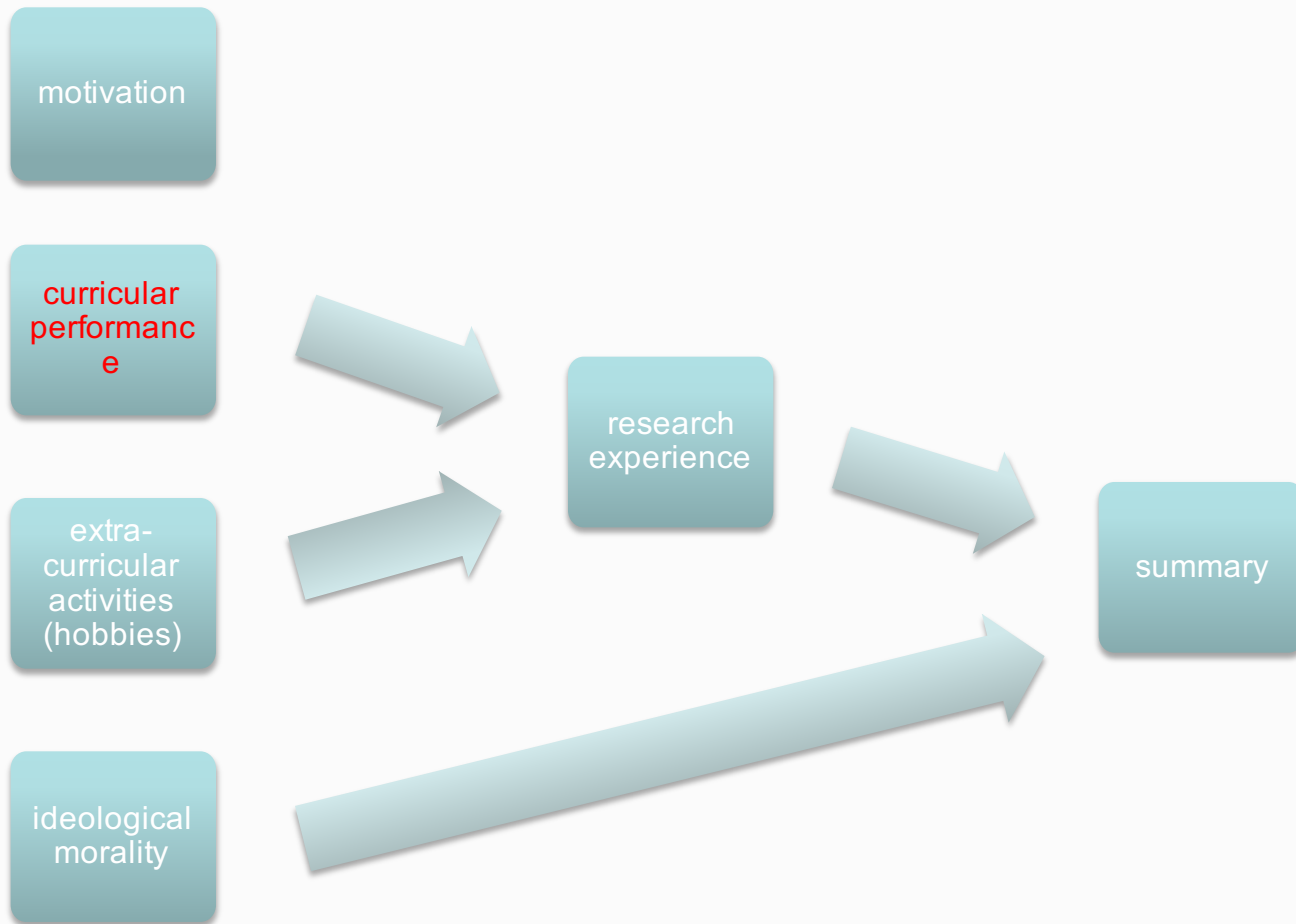
Organization



Motivation

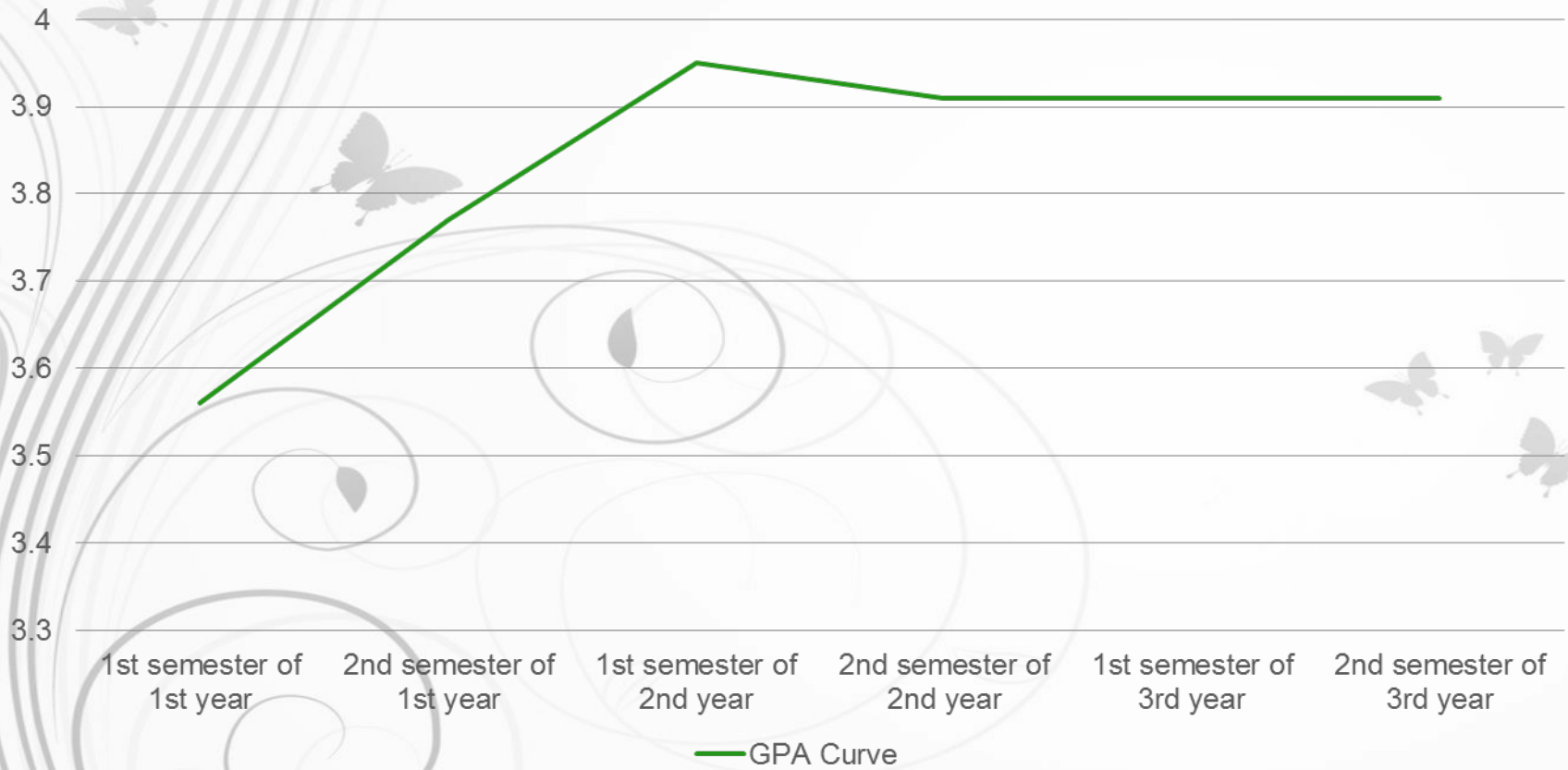
- To fulfill a will generated on my first day of college.
- To summarize my three-year study.
- To prove students from Inner Mongolia are able to reach the top.

Organization



Curricular Performance

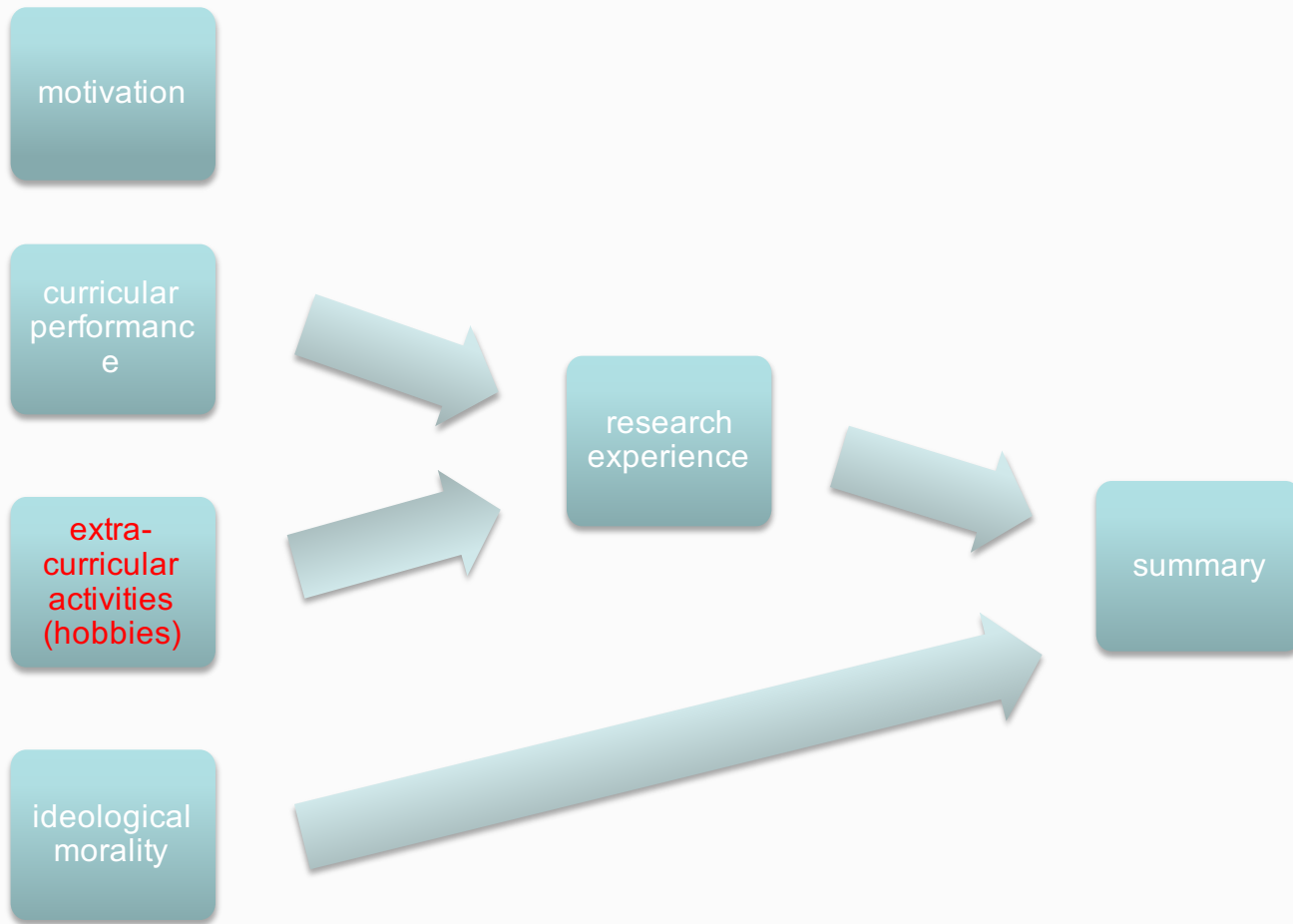
GPA Curve



Curricular Performance

- All math scores are above 90.
- Several high quality projects, such as *FIR Filter*, *Memory Usage Monitor* and *Paper Management System*. (These applications are all downloadable at home.ustc.edu.cn/~peidong/projects.html)

Organization



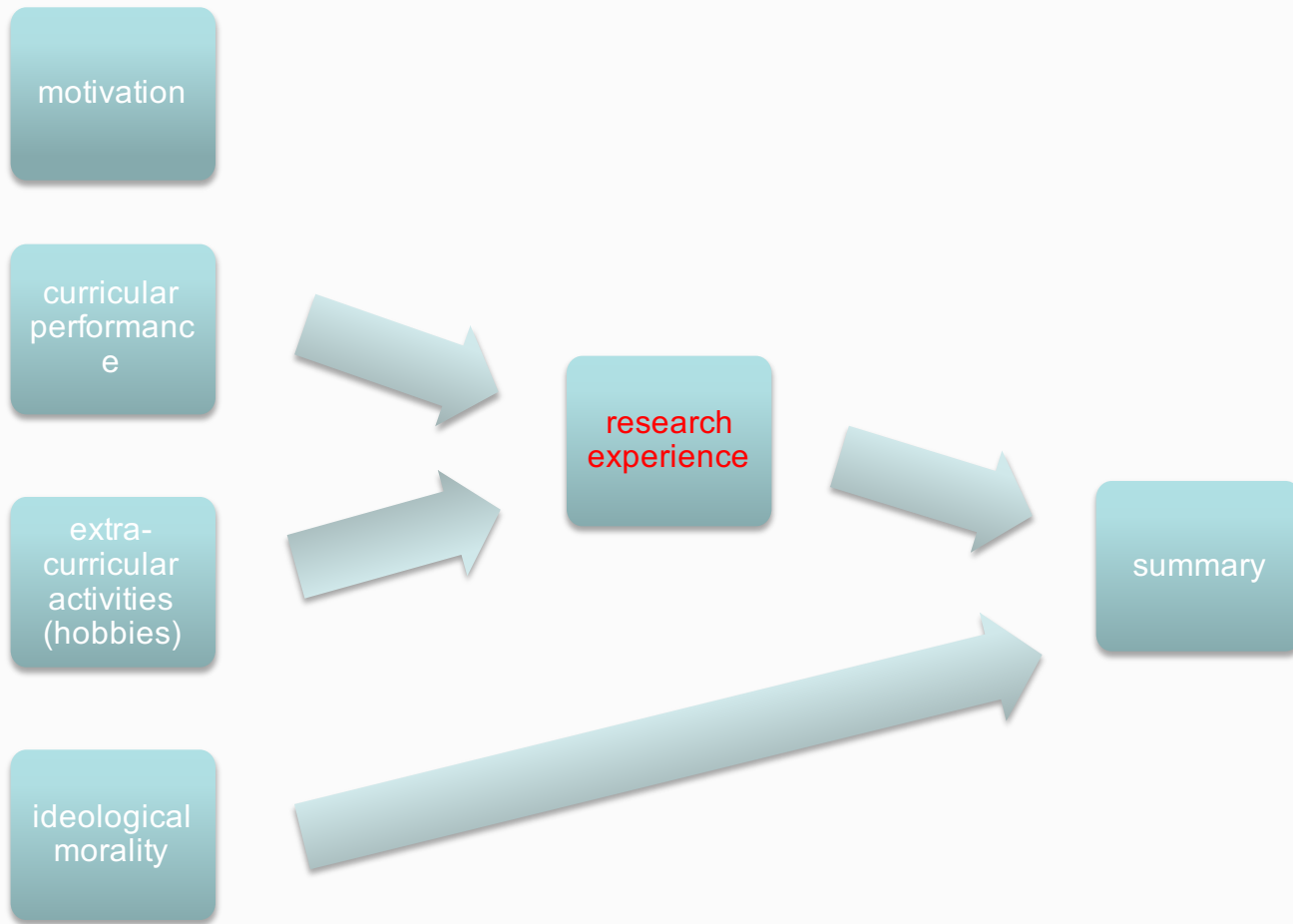
Extra-Curricular Activities

- Poem recitation:
 - Host of the *Evening Party to Welcome Newcomers*
 - The Second Prize in *FangHuaQingYin Poetry Recitation Contest*

Extra-Curricular Activities

- Electronic Design:
 - The Second Prize in *Electronic Design Contest* (No.1 of one of the four topics)
 - *New Product Design Innovation*

Organization



Research Experience

- Entered NEL-SLIP (National Engineering Laboratory for Speech and Language Information Processing) in the summer of 2013.

Research Experience

- Proficient in the whole process of training and testing neural networks. Wrote an essay to illustrate the process. This essay has been used as a material to help novices in NEL-SLIP.

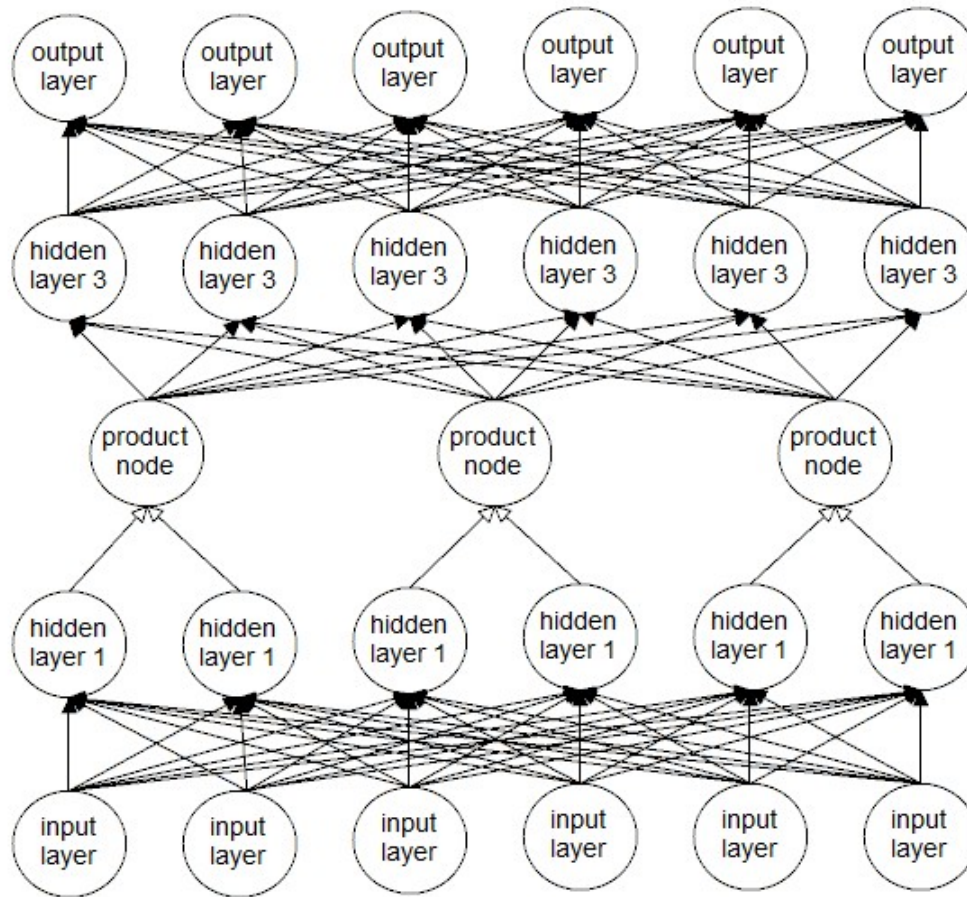
Research Experience

- A complete understanding of the algorithm and codes for BP training. Be able to implement almost any kind of neural networks.

Research Experience

- Focusing on combining sum and product nodes in network structures to improve recognition precision. This was motivated by the SPN (Sum-Product Networks) algorithm in the area of image processing.

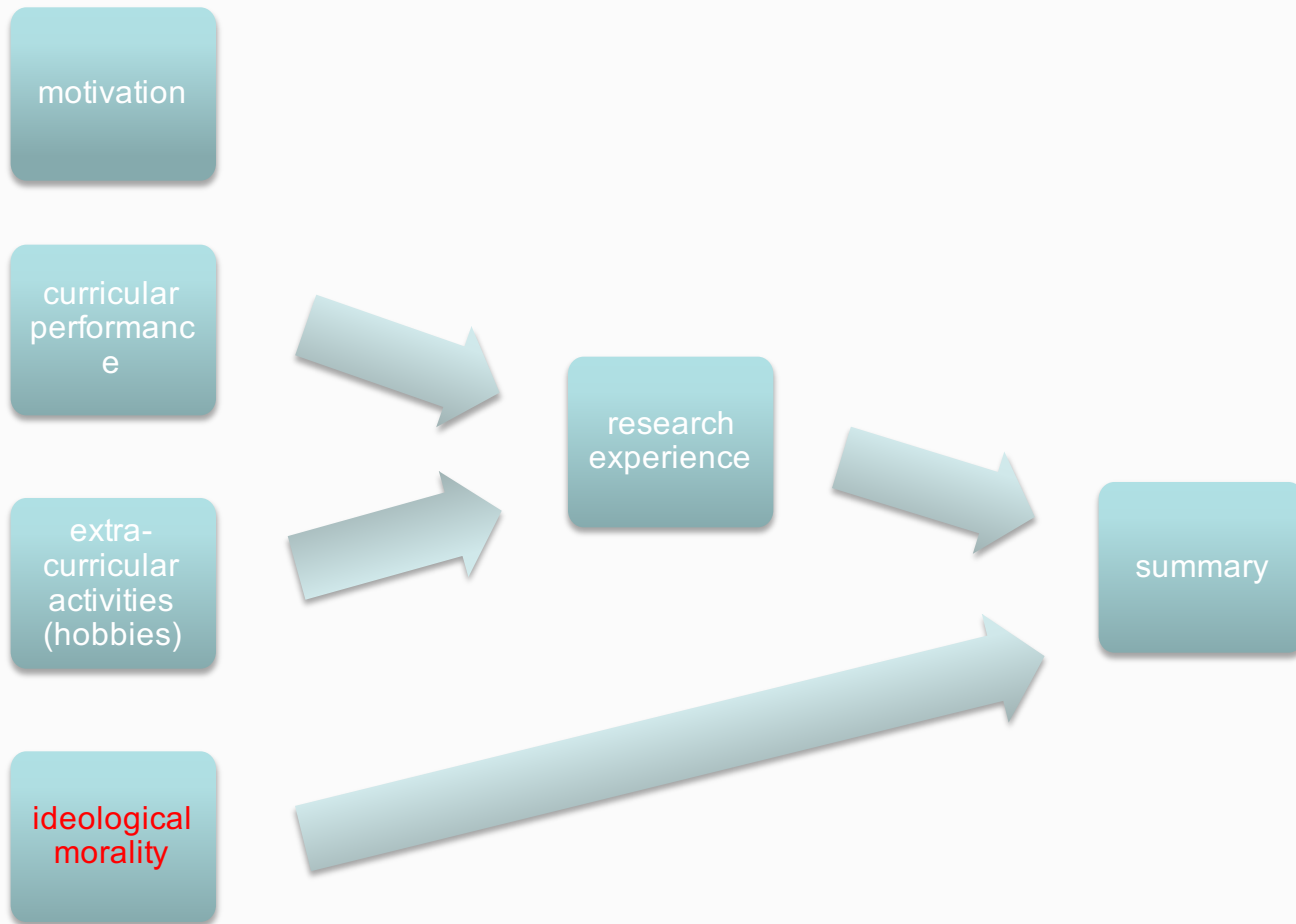
Research Experience



Research Experience

- Interested in granting neural networks the ability of memorization. Gathering information from brain science in biology.

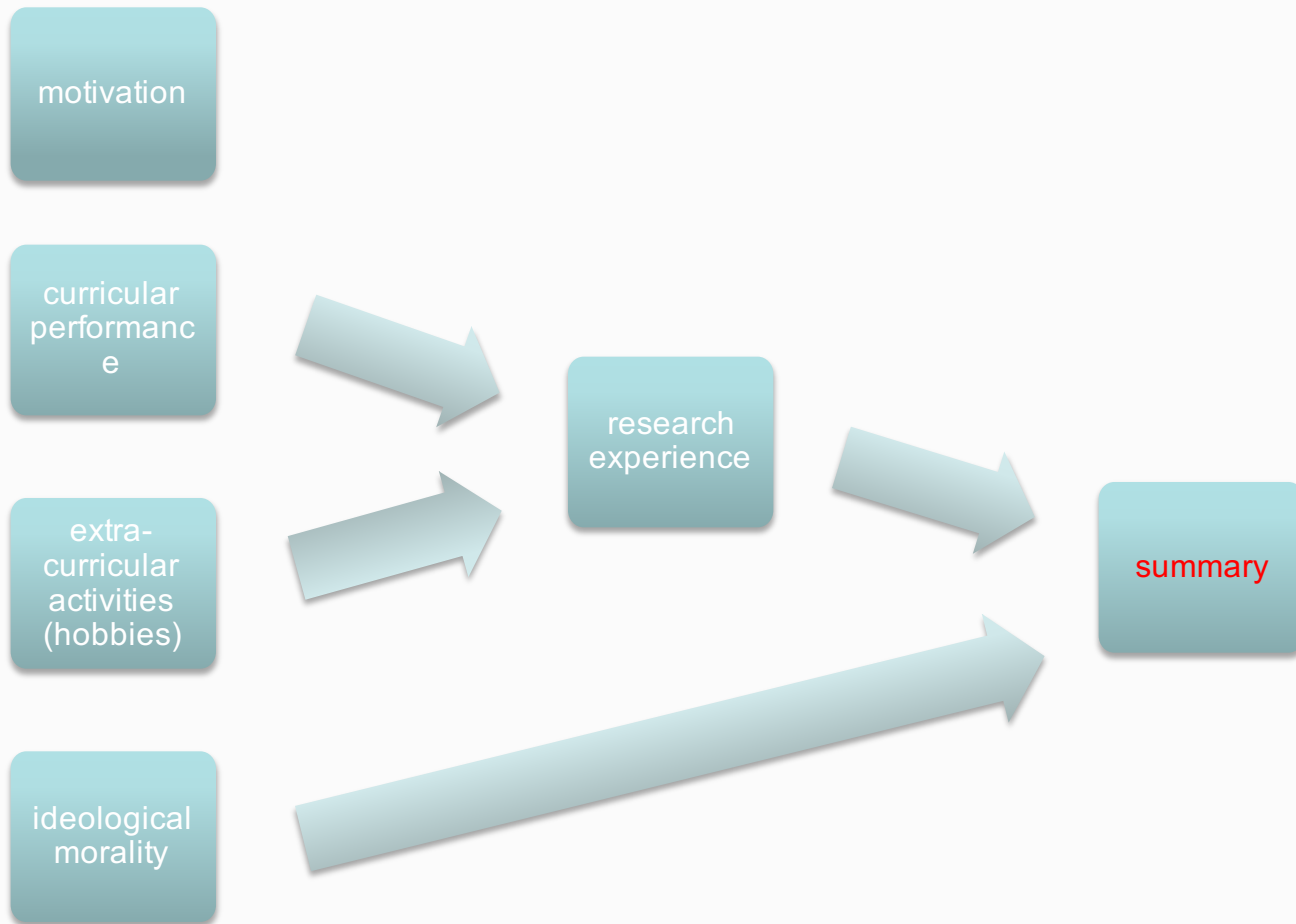
Organization



Ideological Morality

- School Library Volunteer (2011)
- Homecoming Volunteer (2013)
- Summer Admission Volunteer (2014)

Organization



Summary

- This has been my favorite motto for many years, and I would like to share it with you.

各出所学，各尽所能，使国家自强不受外辱，足以自立于世界民族之林。

—— 詹天佑

The background features a light gray gradient with decorative elements. On the left side, there are several thick, swirling lines that curve upwards and outwards. Scattered throughout the background are several small, stylized butterfly icons in a light gray color. The text "Thank you" is centered in the middle of the image.

Thank you