Webinar
"How to write a better Gakushin(学振) proposal"

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April 17, 2022

Self-introduction - Lui Yoshida

- Associate professor, Graduate School of Engineering, the University of Tokyo ([Lab HP](#))
  - Research area: Educational Technology (EdTech, Active Learning, Online Learning, Faculty Development)
  - Background: Computer science, Biomedical engineering

- Research Fellowships for Young Scientists (DC1), 2012-2014
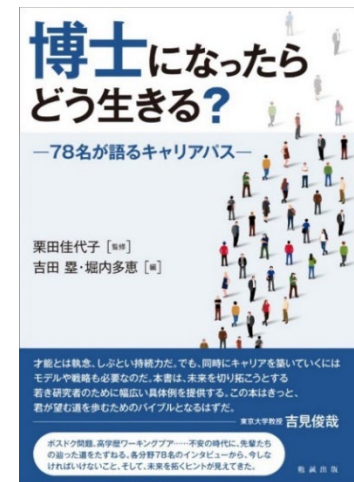
Self-introduction - Rintro Chujo

- Senior year student, Faculty of Letter, the University of Tokyo
  - Human-computer interaction
  - Experience Design, Design of Learning Environment, Emotional Communication

- Won UTokyo President's Grand Award for Students 2021
  - Winner of the world's largest international competition in the field of EdTech as the development and evaluation of LearnWiz One, an educational platform born from the experience of supporting online education at the University of Tokyo.

LearnWiz one

- Share and collect opinions
- Students can learn from each others
- A good opinion naturally comes up

Use it for Q&A

Notes

- This meeting is being streamed on YouTube, and a recording will be made available.

  - Zoom participants are requested to turn off their microphones and cameras.

- The meeting, including screen shots and comments by participants, may be published as articles or educational materials on websites, etc.

Today's Goals and Table of Contents

- Goal
  - Understand how to prepare a better application for JSPS Research Fellowships for Young Scientists (DC1/DC2) by understanding the tips on how to prepare the application form required.

- Table of contents
  - Learn about JSPS Research Fellowships for Young Scientists
  - Write a proposal
  - Q&A

Learn about JSPS Research Fellowships for Young Scientists

JSPS Research Fellowships for Young Scientists (DC)

- Programs to support young researchers
  - 200,000 yen per month
  - Up to 1.5 million yen per year for research expenses

- 87.7% of those selected for a fellow (DC) position will be in a "full-time research position" within 10 years
  - Source: FY2020 Survey on Employment Status of Postdoctoral Fellows-DC https://www.jsps.go.jp/j-pd/data/pd_syusyoku/r2_dcgaiyou.pdf 2022 (Accessed on April 1.)

- (Yoshida's impression) Writing the application itself is valuable.
  - It is important for researchers to communicate their research in a way that is easy to understand

Know reviewers: Review Set

- The review categories are presented as review sets
  - https://www.jsps.go.jp/j-pd/pd_sinsa-set.html

- Almost zero chance that all the reviewers are experts in the same field
  - Need to write in a way that smart experts in other fields can understand (no inadvertent use of jargon)
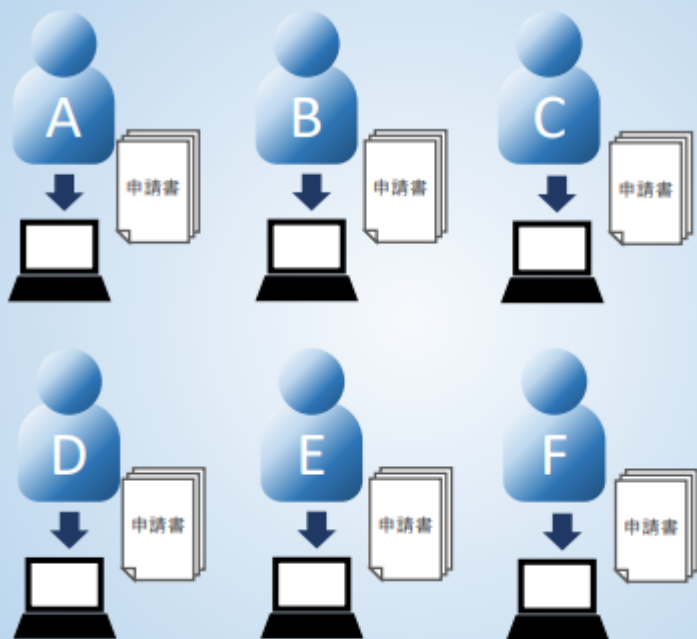
Write in an easy-to-understand manner!

Review process
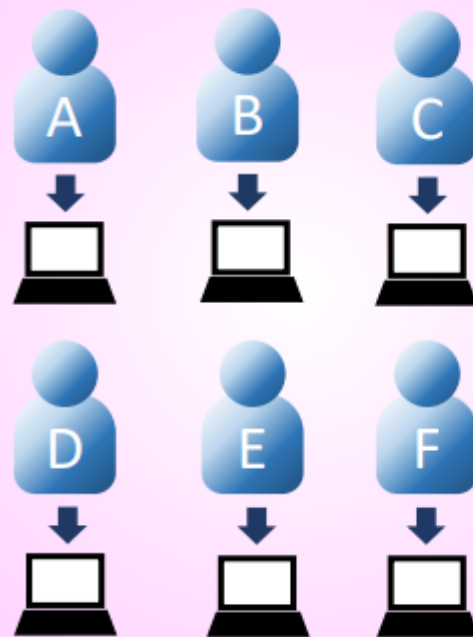
Review process

- 1st step
  - Grade on a 5-point scale (absolute evaluation)
    - 1. Conception and originality of research plan
    - 2. Qualities as a researcher
  - Based on the above, overall evaluation grade in 5 levels (relative evaluation)

- 2nd step
  - Grading on a 4-point scale with reference to the evaluations and opinions of others

Write a proposal

Important Points

* Write exactly as directed in the application form.
    * For example, in the positioning of your research, the following items must be written!
        * Background on the field and issues in the field.
        * How did you come up with the idea for this research plan?

２．【研究計画】※適宜概念図を用いるなどして、わかりやすく記入してください。なお、本項目は１頁に収めてください。様式の変更・追加は不可。

（１）研究の位置づけ

特別研究員として取り組む研究の位置づけについて、当該分野の状況や課題等の背景、並びに本研究計画の着想に至った経緯も含めて記入してください。

Structure Example (just for reference)

- 研究計画: Research plan
  - 研究の位置づけ: Positioning of research
    - 当該分野の状況や課題等の背景: Background on the field and issues in the field
    - 本研究計画の着想に至った経緯: Background leading to the ideation of this research plan
  - 研究目的・内容等: Research purpose / contents
    - 研究目的: Research purpose
    - 研究方法・研究内容（何を、どこまで明らかにしようとするのか）: Research method / contents (What, and to what extent, are you willing to reveal?)
    - 研究の特色・独創的な点（先行研究等との比較）: Characteristics and originality of the research (comparison with previous studies, etc.)
    - 本研究の完成時に予想されるインパクト、将来の見通し: Anticipated impact of this research upon completion; future prospects
    - 概念図: Conceptual diagram

- 人権の保護及び法令等の遵守への対応: Protection of human rights and compliance with laws and regulations

- 研究遂行力の自己分析: Self-assessment of research performance
  - 研究に関する自身の強み（根拠も含めて提示）: Your own strengths regarding research (provide rationale, including rationale)
  - 今後研究者として更なる発展のため必要と考えている要素: Elements that you consider necessary for your further development as a researcher in the future

- 目指す研究者像等: Image of a researcher, etc. to which you aspire
  - 目指す研究者像: Image of a researcher to which you aspire
  - 上記の「目指す研究者像」に向けて、特別研究員の採用期間中に行う研究活動の位置づけ: Positioning of research activities to be conducted during the period of the fellowship toward the above "image of a researcher to which you aspire

Note: It's not official but Yoshida's translation. Use it just as a reference

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Points "would" be good to write

- Again, just an opinion for reference only! (It's important to think in your own way and create your own story)

- 研究の位置づけ: Positioning of research
  - 当該分野の状況や課題等の背景: Background on the field and issues in the field
    - Describe social and academic issues in an easy-to-understand manner
      - Social issues: Issues that are socially problematic and meaningful to solve
      - Academic issues: Areas or issues that have not yet been approached by previous research
  - 本研究計画の着想に至った経緯: Background leading to the ideation of this research plan
    - Describe the story that led to the conception of the proposed research in a logical and concrete manner, based on the issues

Points "would" be good to write

- 研究目的・内容等: Research purpose / contents
  - 研究目的: Research purpose
    - Describe purpose that encompass all aspects of the research
  - 研究方法・研究内容（何を、どこまで明らかにしようとするのか）: Research method / contents (What, and to what extent, are you willing to reveal?)
    - Use methods consistent with the purpose
    - In addition to the specifics of what you will do, include why you will do.
    - Describe why you are using the proposed method rather than other methods (simply using this method is less convincing).
  - 研究の特色・独創的な点（先行研究等との比較）: Characteristics and originality of the research (comparison with previous studies, etc.)
    - Distinctive features: Describe features that are used in other studies but not generally used.
    - Originality: Describe the originality of your research that has not been done in other studies.
  - 本研究の完成時に予想されるインパクト、将来の見通し: Anticipated impact of this research upon completion; future prospects
    - Describe the specific social and academic impact of the research when it is actually done well
  - 概念図: Conceptual diagram
    - Create a conceptual diagram of the core of the research plan, experiments, etc.

Points "would" be good to write

- 研究遂行力の自己分析: Self-assessment of research performance
  - 研究に関する自身の強み（根拠も含めて提示）: Your own strengths regarding research (provide rationale, including rationale)
    - In addition to the strengths, describe specific episodes in which the strengths were demonstrated, tying them to research results.
  - 今後研究者として更なる発展のため必要と考えている要素: Elements that you consider necessary for your further development as a researcher in the future
    - In relation to the image of the researcher you aspire to be, list specific elements that are necessary for you and describe how you will acquire those elements.

- 目指す研究者像等: Image of a researcher, etc. to which you aspire
  - 目指す研究者像: Image of a researcher to which you aspire
    - Describe in detail the kind of researcher you want to become
  - 上記の「目指す研究者像」に向けて、特別研究員の採用期間中に行う研究活動の位置づけ: Positioning of research activities to be conducted during the period of the fellowship toward the above "image of a researcher to which you aspire
    - Describe how this research activity will contribute to the image of the researcher you are aiming for, and how you will embody (even partially) the image of the researcher you are aiming for through this research activity (it would be good if it is consistent with the previous two paragraphs).

Other tips

- Match content with headings
- Create a headline
- Include visual emphasis
- Include a figure

Q&A

Closing

Thank you for the participation

- We hope you will create a great proposal!

- Event schedule
  - I'm sorry that most of them are in Japanese