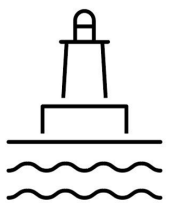


How to write a successful scientific project proposal

Bernadette Rosati

Bernadette.rosati@boku.ac.at



EAC
2023
MALAGA
SPAIN
3-8 SEPTEMBER

MY PROFILE



UNIVERSITY OF NATURAL RESOURCES
AND LIFE SCIENCES, VIENNA

- **2010:** Physics degree from University of Vienna, Austria
- **2015:** PhD from ETH Zürich and Paul Scherrer Institute, Switzerland
- **2016:** Postdoc Department of Physics, University of Vienna, Austria
- **2017:** Postdoc Department of Physics, University of Aarhus, Denmark
- **2018-2022:** Postdoc Department of Chemistry, Aarhus University, Denmark
- **Since 2023:** Assistant Professor, Department of Chemistry, Aarhus University, Denmark
- **Since August 2023:** Tenure-Track position at Institute of Meteorology and Climatology, University of Natural Resources and Life Sciences (BOKU), Austria

MY PROFILE



UNIVERSITY OF NATURAL RESOURCES
AND LIFE SCIENCES, VIENNA

- **2010:** Physics degree from University of Vienna, Austria
- **2015:** PhD from ETH Zürich and Paul Scherrer Institute, Switzerland
- **2016:** Postdoc Department of Physics, University of Vienna, Austria
- **2017:** Postdoc Department of Physics, University of Aarhus, Denmark
- **2018-2022:** Postdoc Department of Chemistry, Aarhus University, Denmark
 - **2018-2021:** Recipient of **Schrödinger Fellowship** by the Austrian National Science Fund for **Postdoc studies** abroad and a return-phase to Austria
 - **2022-2026:** Recipient of the career grant **Villum Young Investigator** by Villum Fonden (DK) to **establish an independent research group**
- **Since 2023:** Assistant Professor, Department of Chemistry, Aarhus University, Denmark
- **Since August 2023:** Tenure-Track position at Institute of Meteorology and Climatology, University of Natural Resources and Life Sciences (BOKU), Austria

MY STATISTICS

Applications for grants:

Postdoc: 6

Career: 6

Travel: 7

Small Infrastructure:

3

Prizes: 2

Funding received:

1

1

7

3

0

TIPPS

Many websites describe the general procedure and important topics like:

Why is it important to study this?

How does it build upon—and possibly improve—existing research already done about the topic?

Examples:

<https://research.com/research/how-to-write-a-research-proposal>

<https://infinitivitydesignlabs.com/mastering-the-art-of-writing-research-proposals/>

TIPPS

- **Carefully investigate the call:**

- Who will read the proposal? (mixed panel, experts, etc.)
 - Minimize technical jargon: “describe in Layman terms but make it sound complicated”
 - Planned experiments need to have details even in layman’s terms proposal
- How many rounds are there? (is all decided from the written text? Is there a personal interview? Is there a second part one can send?)

TIPPS

- Which research field does it apply to? (different fields can have different number of applicants/funding; more than one field applies,..)
- How often can you apply? Eligibility for extension?
- Is the timeline feasible? (Gantt chart)
 - Work packages very helpful
 - Small risk assessment: what can be done if a WP does not succeed?
- Try to find previous grantees that are willing to share their application

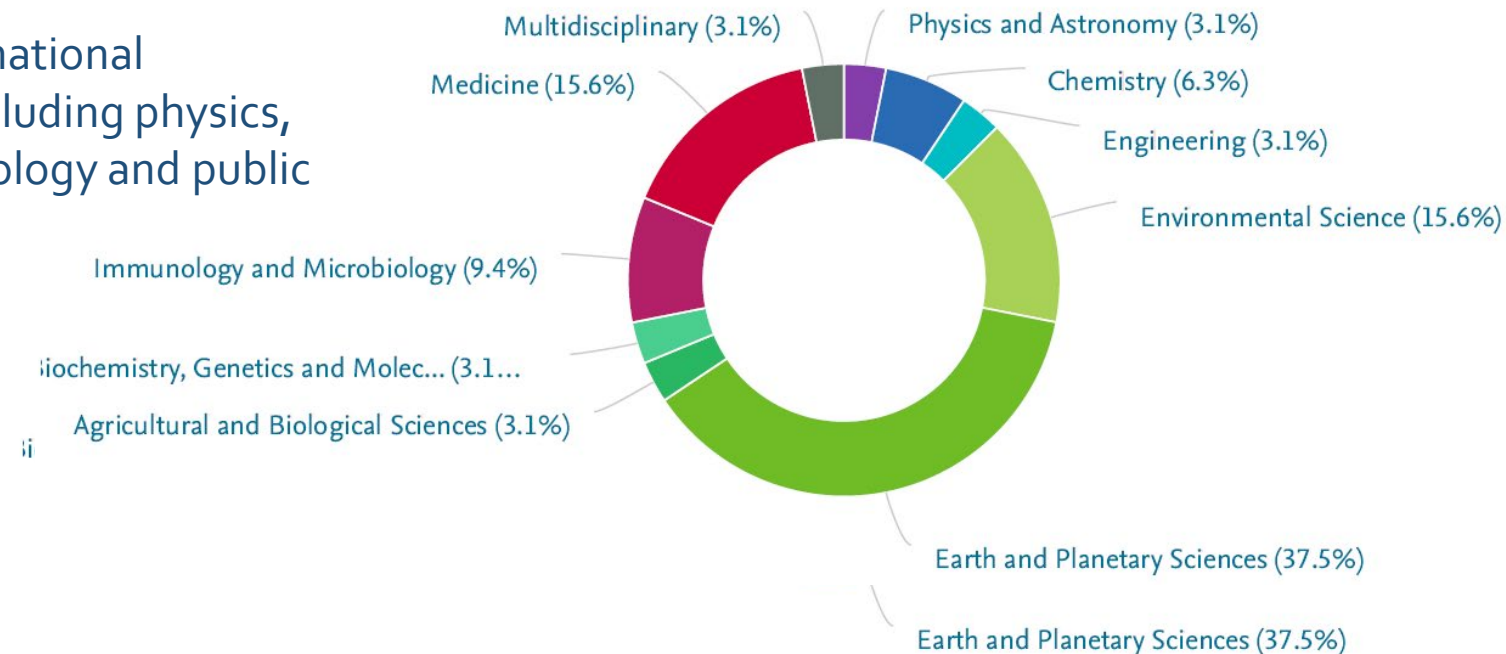
TIPPS

- **Prepare a good CV:**

- support from research support unit if possible

All publications were conducted with international collaborators and connect diverse fields including physics, chemistry, environmental science, microbiology and public health.

SciVal – Research Performance Analysis by Research Support AU



TIPPS

- **Prepare a good CV:**

- support from research support unit if possible

- Soft skills can matter quite a lot

- How do you deal with stress? How will you help students that need support when stressed or not feeling up to the task?

Examples:

- Conflict management course
- Project management course
- Introduction to supervision of PhD students



Good Luck!