

National Funding Opportunities in the Social Sciences for Young Researchers

Max Weber Programme – Academic Careers Observatory

### **Swiss National Science Foundation**

Sönke Bauck



FONDS NATIONAL SUISSE
SCHWEIZERISCHER NATIONALFONDS
FONDO NAZIONALE SVIZZERO
SWISS NATIONAL SCIENCE FOUNDATION

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- 1. Brief overview of the SNSF and its funding schemes
- 2. Funding schemes (particularly for applicants from outside of Switzerland):
  - International cooperation
  - Career funding schemes
- 3. Evalution procedure



Schweizerischer Nationalfonds zur Förderung der wissenschaftlichen Forschung

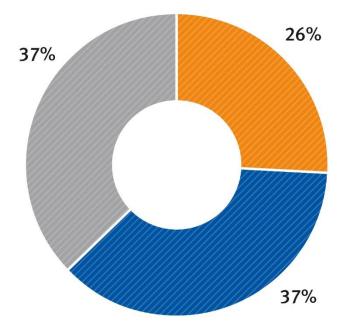


#### The SNSF

Funding scientific research across all disciplines on behalf of the Swiss Confederation - since 1952



# Funding by research area

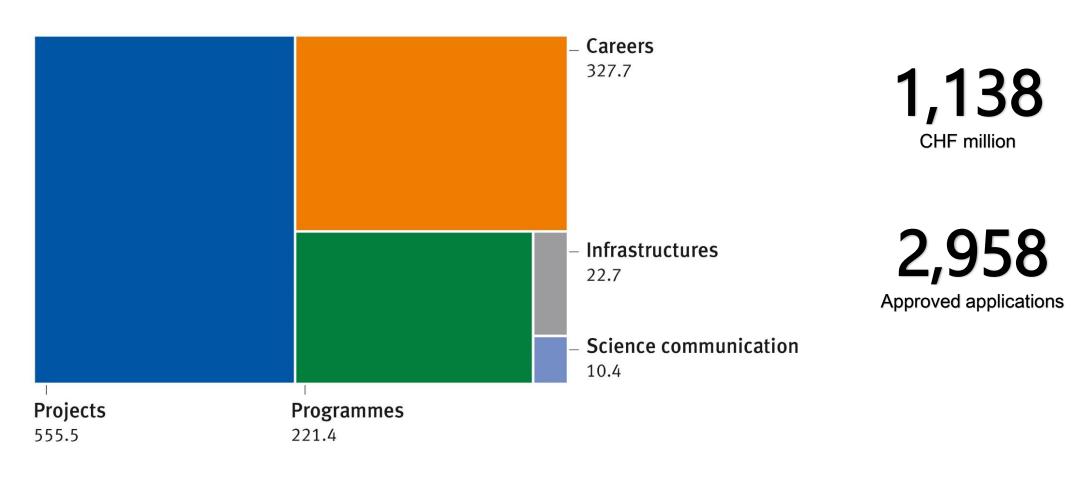


- Humanities and social sciences
- Mathematics, natural and engineering sciences
- Biology and medicine

Total: CHF 1,137.6 million



# Overview: Funding category



Data 2018

# Ongoing SNSF projects

6,500
Ongoing SNSF projects

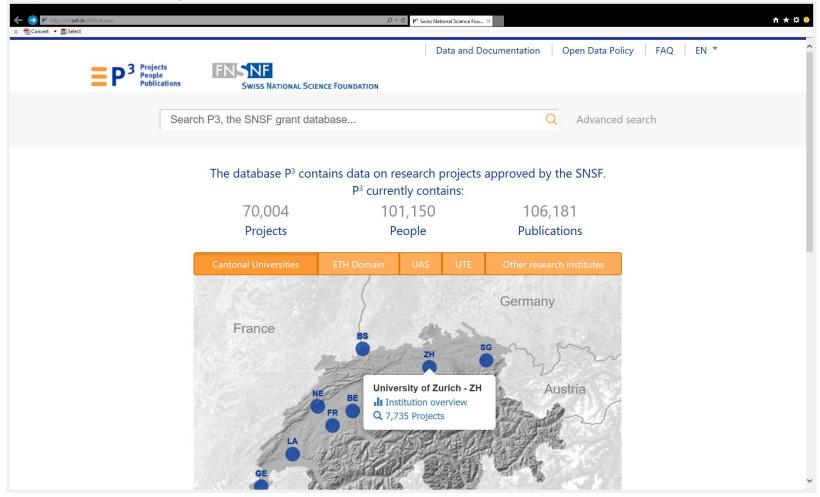
16,300 Researchers in projects





# **Approved Projects**

P<sup>3</sup> grant database: p3.snf.ch



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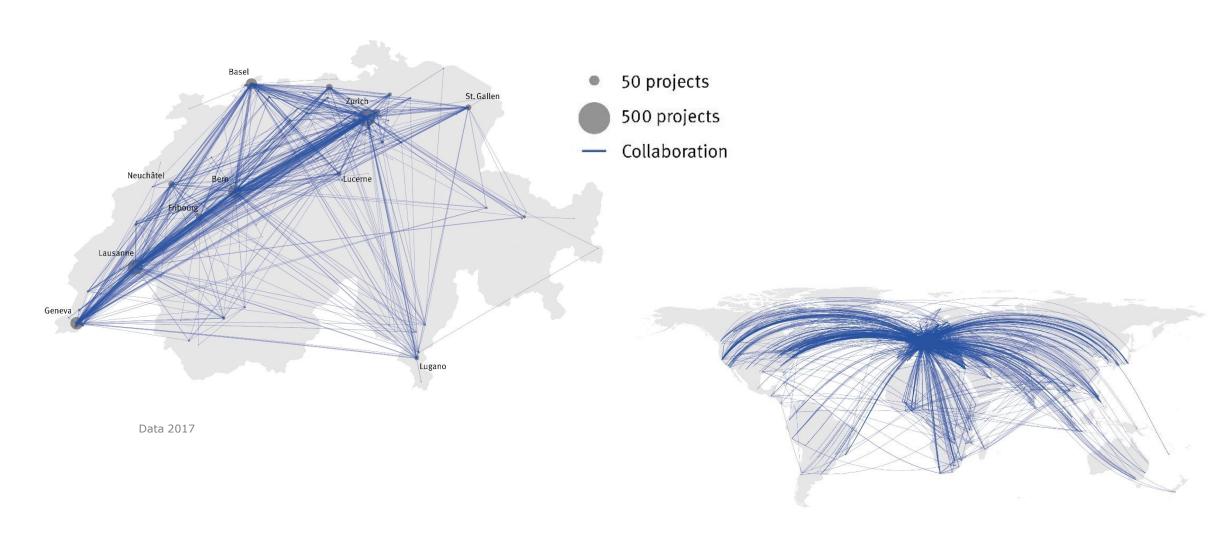
Research creates knowledge.

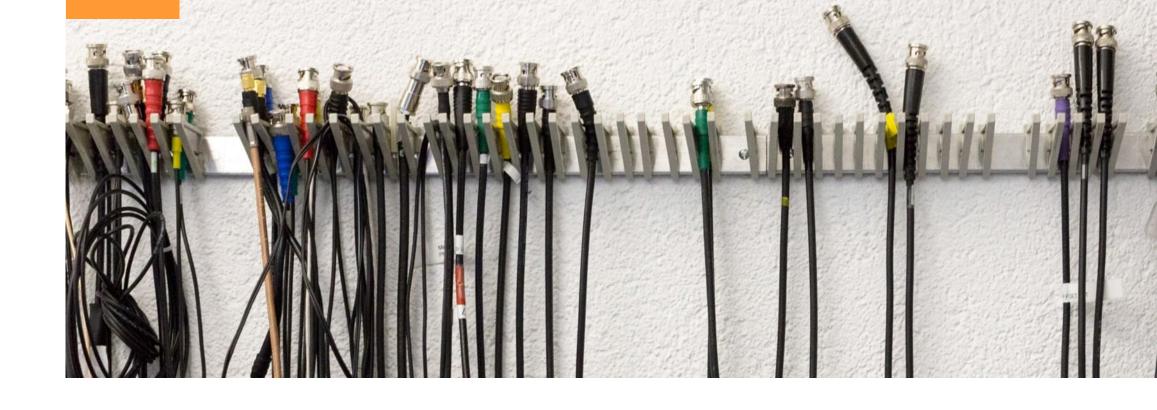
#### International higher education and research of Switzerland

- 25% of students are from abroad
- 55% of PhD candidates are from abroad
- 39% of teaching staff at universities are from abroad

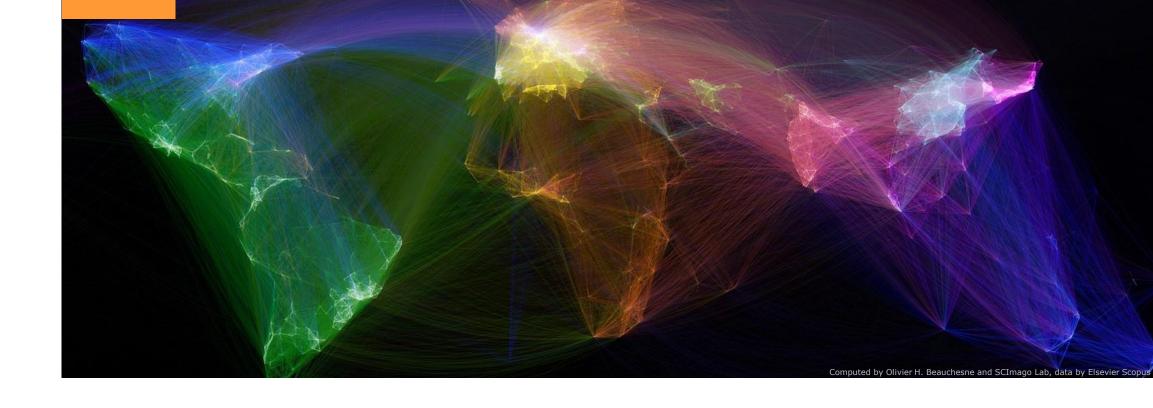


## Collaboration at Swiss and international level





# **Funding schemes**



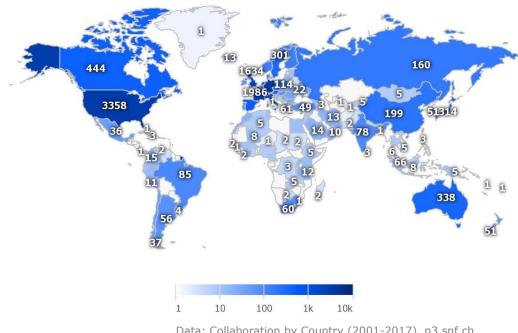
# Funding schemes International cooperation

# Funding: international research collaboration

**Project partners** in SNSF-funded projects can be based abroad (up to 20% of the project budget)

**Sinergia:** Promote interdisciplinary and collaborative research projects that propose breakthrough research (max. 1 applicant abroad among 3-4 applicants)

**Bilateral project funding** (topic specific)



Data: Collaboration by Country (2001-2017). p3.snf.ch

# Scientific Exchanges

- Organise scientific conferences and workshops in Switzerland, as well as visits by Swiss researchers to other countries or visits by researchers from abroad to Switzerland
- Duration: 1-5 days / 1-6 months
- Covers the travel expenses and room and board costs of researchers taking part in the events or of visiting researchers

scientific.exchanges@snf.ch





#### **SPARK**



- The aim of Spark is to fund highly original projects that show unconventional thinking or introduce a unique approach. In particular, the rapid testing or development of new scientific approaches, methods, theories, standards or ideas for applications can be funded
- The most important evaluation criteria are the unconventionality and originality of the proposed project.
- Incremental research or continuations of already ongoing research projects are not fundable through Spark

#### General information

- Open to all disciplines
- Call deadline: 11<sup>th</sup> March 2020
- Opening of the call: 15<sup>th</sup> February 2020
- Budget: 50'000 100'000 CHF
- Duration: 6 12 months
- The applications are evaluated in a double-blind procedure
- Results will be communicated within 6 months after the submission
- Start of the approved projects between 1st September and 1st November 2020

# Requirements

- PhD students are <u>not</u> eligible to submit a Spark application
- PhD or equivalent research experience
  - Defence date must be <u>before</u> the submission deadline
  - Equivalence to PhD: three years of research work as main source of income after obtaining higher education degree
- The applicants must
  - a. either be employed at a Swiss research institution providing the necessary infrastructure at least for the duration of the project, or
  - b. provide a support letter of a Swiss host institution, confirming that this institution will **employ** the applicant and provide the necessary infrastructure for the duration of the proposed project



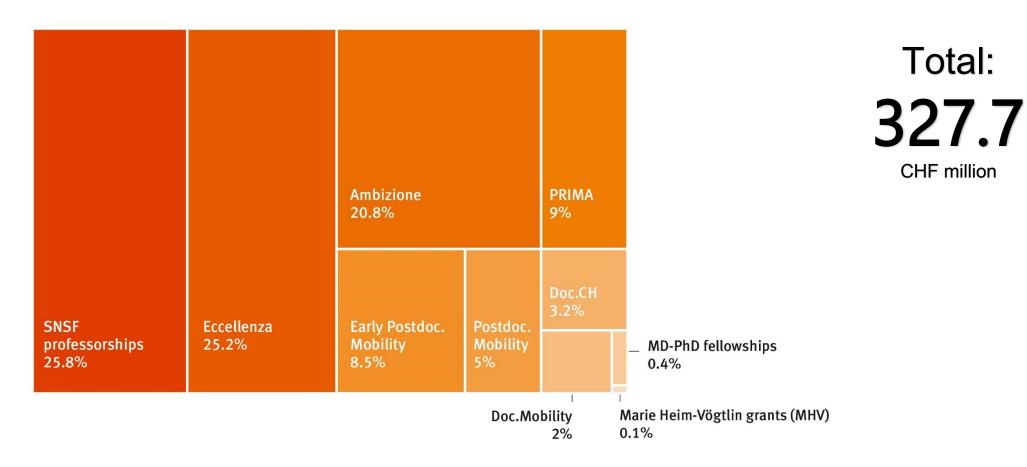
spark@snf.ch



Funding schemes

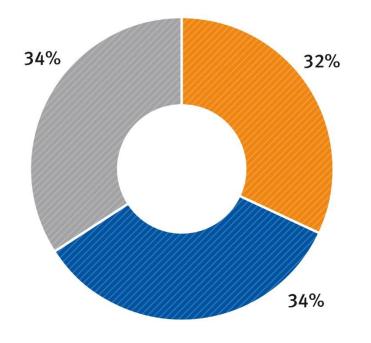
# **Career funding**

# Careers – Funding by scheme



Data 2018

# Careers – Funding by research area

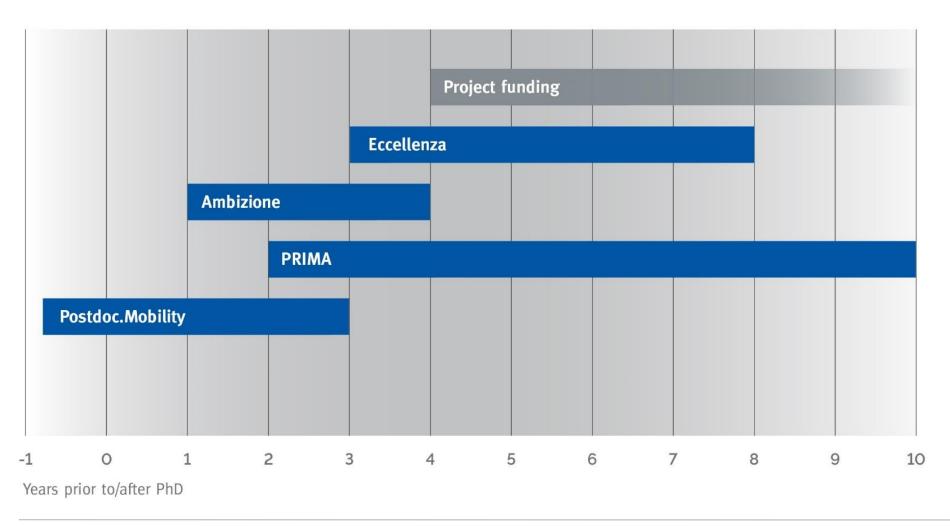


- Humanities and social sciences
- Mathematics, natural and engineering sciences
- Biology and medicine

Total: CHF 327.7 million

Data 2018

# Overview of eligibility windows



#### **Ambizione**

#### Your first step towards scientific independence!

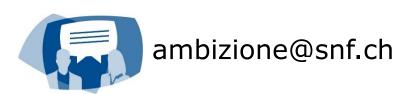
- Ambizione grant: own salary at local rates for senior nonprofessorial research staff, project funding, personnel, possibly doctoral student
- Duration: 4 years (no extension)
- Approx. 80 grants per year
- Success rate 2019: 21.7%



#### **Ambizione**

#### **Requirements**

- Up to 4 years' research experience after PhD
- Research stay of at least 12 months at a different institution from where the doctorate was obtained



# PRIMA – Promoting Women in Science

# For excellent female researchers aspiring to a professorship

- 10 12 grants per year
- Duration: up to 5 years
- PRIMA grant: grantee's salary at the local rates for senior non-professorial research staff and project funds (incl. personnel costs, max. CHF 750,000)
- Success rate 2018: 16%



#### **PRIMA**

#### **Requirements**

- Doctorate (PhD or MD-PhD)
- 2 years of research experience after the doctorate or equivalent qualification
- Submission between 2-10 years after the doctorate or equivalent qualification

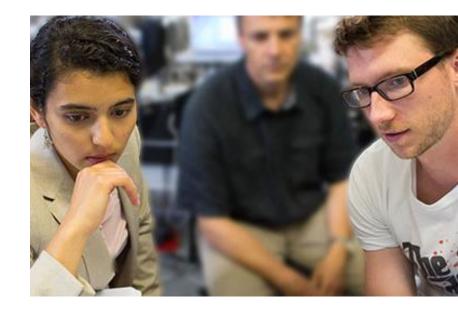


prima@snf.ch

# SNSF Eccellenza Professorial Fellowships

# Set up your own team to realise an independent research project at a higher education institution in Switzerland

- For highly qualified young researchers who aspire to a permanent professorship
- Salary of grantee (assistant professor level)
- Project funds of up to CHF 1,000,000
- Duration: 5 years (no extensions)
- Success rate 2019: 19.7%



# SNSF Eccellenza Professorial Fellowships

#### **Requirements**

- 3–8 years after PhD or equivalent qualification
- Postdoctoral research experience of at least 24 months at a different university from that of the dissertation; at least 12 months abroad
- Swiss university degree, Swiss nationality or at least 2 years of research activity in Switzerland



eccellenza@snf.ch

#### SNSF Eccellenza Grants

- For recently appointed tenure-track assistant professors in Switzerland
- Project funds of up to CHF 1,500,000
- Duration: 5 years (no extensions)
- => Approx. 45 awards per year (fellowships and grants together)

#### Requirements

- Tenure-track assistant professor in Switzerland
- Employment no earlier than 18 months before the submission deadline or commencing on the project start date at the latest

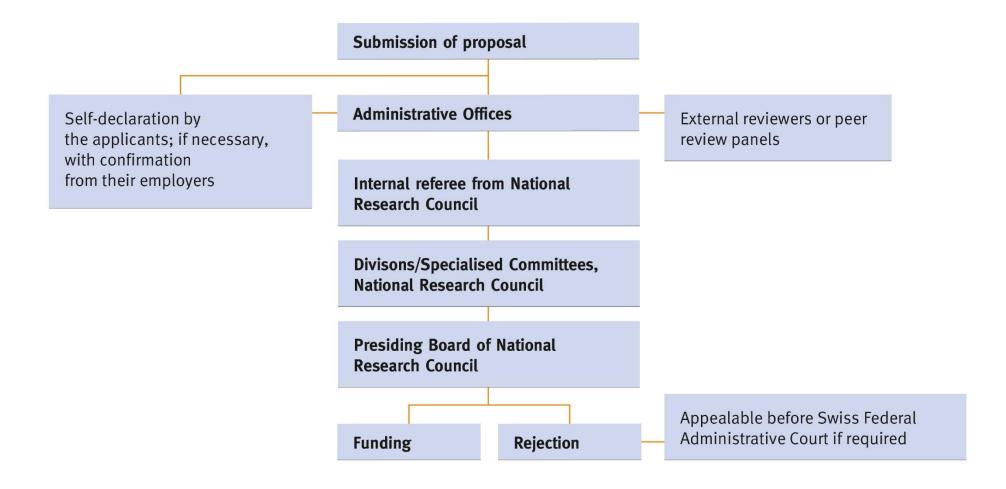




The SNSF

# **Evaluation procedure**

# Stages in the evaluation procedure



#### **Evaluation** criteria

#### **Proposed project**

- Scientific relevance, topicality and originality
- Suitability of methods and feasibility

#### **Applicants**

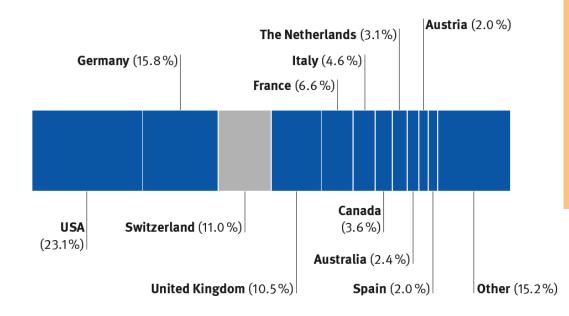
- Scientific track record and performance in publication terms
- Professional expertise with regard to the project



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# Reviews by international experts

- Approx. 90% of applications are reviewed by experts abroad
- Foreign members in SNSF bodies



#### The benefits

- Pool of international experts
- Reduces risk of conflicts of interest
- Additional guarantee of maintaining international quality standards
- Input/feedback from experts abroad boosts Swiss research

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# Do you have any questions?

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