SUMMARY

Introduction

Aim and general objectives

Our Services

What’s new?
Vice Presidency for Academic Affairs (VPA)

Ambrogio Fasoli
Associate Vice President for Research

Anna Fontcuberta i Morral
Associate Vice President for Centers and Platforms
SUMMARY

Introduction

Aim and general objectives

Our Services

What’s new?
To support you, researchers and inventors
Our aim and objectives

- **Inform** the EPFL research community on **funding opportunities**
- Provides **support** for
  - application processes & contracting of public and not-for-profit funding
  - ethical issues in research projects and **ethical approval processes**
  - management of large research and mobility projects
Find funding & prepare your proposal, manage your project, launch your own research and mobility funding programme!

Our services in a nutshell
Some key figures
Organizational Chart
Research and Mobility Funding Team

- **International governmental & not-for-profit funding**
  - Kristen Irwin

- **European Funding**
  - Pascale Menu

- **National & not-for-profit funding**
  - Mariachiara Verde

- **Ethics Affairs**
  - Esther van der Velde

- **Programme & Project Management Services**
  - Aurélie Gfeller

- **Administration & IT Systems**
  - Carine Beltrami
3D model of dendritic spines (purple) making synapses with axons containing vesicles (yellow). Background shows electron microscope image of brain tissue. Credit: Graham Knott (EPFL)
Third-party funds overall:

- In 2019, 35% of EPFL’s operating revenue came from third-party funds, amounting to CHF 370M.

Research contributions, mandates and scientific services:

- In the same year, 26% of EPFL’s operating revenue came from research funding, mandates, and scientific services, amounting to CHF 271M.
Our Portfolio…
European funding

International governmental & not-for-profit funding

National & not-for-profit funding
INT – International Governmental & non-for-profit funding

- US PHS and Federal Office grants
- International Governmental grants
- Non-for-profit funding (US and CA)

and many more ….
EU – European funding

- HE ERC & Marie Skłodowska-Curie
- HE Collaborative initiatives
- FET Flagships
- EU Partnerships
- ESA

and many more …..

Pascale Menu
Head of Team

Pierre-Yves Fonjallaz

Sonja Heintel-Battin

Irina Sakharova

Ainhoa Echeverria

Eva Servoli
NAT – National & non-for-profit funding

- SNSF
- Innosuisse
- Federal Offices
- Foundations

and many more …..
Project life cycle – Tasks and Services

Knowledge acquisition
- Collecting information
- Read and analysis award terms
- Conditions interpretation
- Contact with funders
- Clarify and schedule processes
- Professional formation

Information dissemination
- Promotion of funding opportunities
  - Information events
  - Website
  - Toolkits

Preparation of proposals
- High potential visits
- Coaching
- Eligibility check
- Budget support
- Ethics support
- Declaration of Host support
- Proof-reading
- Grant writing (NEW)
- Toolkits

Submission
- Quality assurance process
  - Compliance
  - Ethics assessment

Negotiation
- Negotiations of the Grant Agreement
  - GA signature
  - Ethical clearance
  - Grants DB process
  - Request for account opening to CDG

Networking (internal / external)
- Analysis of proposal feedback
- Mapping
- Statistics

PRE-AWARD
AWARD

LSIGN
Project life cycle – Tasks and Services

Management

- Kick-off meetings
- Start-to-Run meetings
- Central Point Of Contact
- Management trainings
- Coaching
- Follow-up implementation of the project – Compliance
- Implementation & Management (NEW – upon request)
- Liaison with different EPFL central service units
- Ethics follow-up
- Amendment of contracts

Reporting

- Counselling
- Compliance check (follow-up on eligibility and acceptance of costs)
- Assistance with financial and technical reporting
- Liaison with funds and accounting managers

Close-out

- Due diligence
- Liaison with audit managers

CDG: Financial reporting and 1st level audits

FSIGN

DAR Legal: Review Consortium Agreement
Library: Data Management Plan
HR: Work contracts/mutations

POST-AWARD
Administration & IT Systems Unit

Grant & Contract management

Management of IT Systems

Contractual Signatures
Carine Beltrami
Head of Team

Josiane Rivera

Sylvie Dapples

Léa Carando (Trainee)

Melissa Teixeira Magalhaes (Student/Auxiliary)

and many more …..
**AIT – Grant & Contract management**

- Laboratories
- Schools/Colleges
- Central Services, ...

GrantsDB

- if EPFL is PI
- Proposals & Grants

- Time Keeping
  - CHRONOS

- SAP

- RESEARCH & INNOVATION
- Participant Portal

- myself
For all documents that require an official signature:

**E-Mail:** research@epfl.ch

**Mail:** Research Office, Station 7, 1015 Lausanne

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**AIT – Contractual Signatures**

Send the draft by e-mail
- or directly the original if there is no negotiation -

Involves the ReO asap

Send the proposal to ReO

Control if the project has to be registered on GrantsDB

Review the documents
(Program Managers, Legal Counsel, Ethical Affairs)

Review the documents
(Eligibility, compliance, etc.)

Green light for signature

ReO send back the signed document to the Lab/Unit

1. Signed by you as PI
2. Signed by EPFL-VPA legal representative

Signature
GrantsDB
• GrantsDB is the EPFL internal database for research projects and for scientific equipment.

ServiceNow (SNOW)
• research@epfl.ch
• Project management module (under development)

Chronos
• Chronos enables timekeeping for research projects which need to justify the eligible personnel costs to the funding bodies.

MoveIN (NEW)
• Application platform (front and back office)
• 3 platforms: research, ethics and awards
Un exosquelette développé à l’EPFL permet à des personnes atteintes de paraplégie de se tenir debout, de marcher et même de monter des escaliers. Mohamed Bouri, chef de groupe au LSRO et superviseur du projet. Testé par Silke Pan, le 6 octobre 2016
EPFL - Alain Herzog
EA – Ethical issues – A broad concept

- Human participants
- Biological material
- Data protection
- Dual use
- Developing countries
- Environmental impact, health and safety
- Animal experiments

Ethical issues in research

All ReO PGM
Anna Lazzarinetti
Esther van der Velde
Head of Team
Outcome: Ethical authorizations
EA – Ethical clearance

EPFL’s Institutional Review Boards (IRB)

EPFL Human Research Ethics Committee (HREC)

EPFL Animal Research Ethics Committee (AREC)
EA – Awareness raising

ETHICS Compliance
ENAC meeting

NOV 27
12:00-13:30
Room XXX

Research ethical approval & application process
Data collection, protection, storage & sharing

Chaired by EPFL’s Research Office and the Human Research Ethics Committee (HREC)

Registration: enac.epfl.ch/outreach/events
Pour traiter les problèmes d’ulcères plantaires chez les personnes diabétiques, le Laboratoire d’actionneurs intégrés de l’EPFL a développé une semelle équipée de valves qui gèrent électroniquement la pression exercée sous le pied. STI, le 29 février 2016
EPFL - Alain Herzog
P2MS – The team

Aurélie Gfeller
Head of team
100% FTE

Patricia Marti-Rochat
Project Manager
60% FTE

Chiara Ciriminna
Project Manager
80% FTE

Lucie Soulard
Project Manager
80% FTE

Chloé Bayon
Project Manager
100% FTE

Veronika Földvary Licina
Project Manager
100% FTE

Cécile Prébandier
Administrative Assistant
30% FTE
P2MS successfully manages a large portfolio of internal, Swiss, and international funding programmes – from the definition of the programme objectives through the implementation of calls for proposals to the promotion of the beneficiaries’ achievements, financial management and reporting.

P2MS runs the EPFL internal research awards and coordinates the applications for major external Swiss and international research awards.
The strengths of P2MS in a nutshell

Privileged access to a first-rate project manager benefiting from the knowledge and expertise of the Research Office.

The project manager is part of a team striving for excellence. His/her work can easily be taken over by another staff member when s/he is away.

The project manager works in close collaboration with other central services at EPFL: Financial Controlling, Human Resources, Philanthropy, Technology Transfer Office and the Library.

*The Research Office offers full-time employment contracts (across a portfolio of projects), allowing for the hire and retention of highly qualified individuals.
Implementation of Research & Mobility programmes
P2MS programme portfolio

Fellowship programmes
- CYD Fellowships
- EPFLinnovators
- EPFLglobalLeaders
- EuroTechPostdoc

EPFL mobility programmes
- Firmenich EPFL-Stanford exchange programme

EPFL research programmes
- EPFL Open Science Fund
- EPFL Interdisciplinary Seed Fund
- Gaznat-EPFL Research Fund
- Science and Technology for Humanitarian Action Challenges

Swiss and international research programmes
- Fondation Bertarelli Catalyst Fund
- Excellence in Africa initiative
Management applications to Research Awards
# P2MS award portfolio

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<thead>
<tr>
<th><strong>EPFL internal research awards</strong></th>
<th><strong>Swiss and international research awards</strong></th>
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<tbody>
<tr>
<td>Asea Brown Boveri Award (PhD)</td>
<td>Balzan Prize</td>
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<tr>
<td>EPFL Dimitris N. Chorafas Foundation Award (PhD)</td>
<td>Blue Planet Prize</td>
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<td>EPFL Doctorate Award (PhD)</td>
<td>Dan David Prize</td>
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<td>Gilbert Hausmann Award (PhD)</td>
<td>Honda Prize</td>
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<tr>
<td>IBM Research Award (PhD)</td>
<td>Japan Prize</td>
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<tr>
<td>Professor René Wasserman Award (PhD and postdoc)</td>
<td>Kavli Prizes</td>
</tr>
<tr>
<td>University Latsis Prize (postdoc and established researcher)</td>
<td>LUI Che Woo Prize</td>
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<tr>
<td>Ville de Lausanne Award (PhD)</td>
<td>Marcel Benoist Prize, etc.</td>
</tr>
<tr>
<td>Zeno Karl Schindler/EPFL Award (postdoc)</td>
<td>non-exhaustive list</td>
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</table>
The International Latsis Foundation grants CHF 40’000.- for the organization of a scientific symposium.

Proposals are assessed by the Research Commission.

Scientific excellence
Visibility
Possible impact of the event

EPFL head of unit or a group of heads.
SUMMARY

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Our Services

What’s new?
What’s new?

➢ Grant Officers – grant writing services
➢ « EPFLLeaders4Impact » – new post-doctoral fellowship programme
➢ Project « Communications »
  ➢ Faculty meetings
  ➢ « Social media »
Find funding & prepare your proposal …Grant Officers at your service for proposal preparation!

ReO staff can advise on suitable funding schemes, help develop the proposal and define the project management, dissemination, communication and exploitation plans that create a winning application.

Already have some ideas in the pipeline? No worries, the Research Office will support and advise you! Please book a slot for a first discussion with our Grant Officers here!
Critical nature of proposal writing skills not only in academia but also in industry

Students may be underprepared for the reality of a research career post-PhD: finding the money becomes your responsibility!

Academic Writing course offered by the Language Center focuses on paper writing

Burden of grant writing instruction lies with professors

More and more funding programs aimed at PhDs

Course aimed at PhD students and early Postdocs to give guidance on the fundamentals of proposal writing.
Course booklet

Lecturer: Caroline Vandevyver, MER
Language: English
Credits: 1
Hours: 28 (14 lecture, 14 practical work)
Course material: book; Past successful (and unsuccessful) proposals
Summary: This course will give PhD students and early Postdocs guidance on the fundamentals of proposal writing as well as practical experience in composing and reviewing proposals.
Keywords: Proposal writing, grant writing, academic writing, fellowship
Assessment methods: Writing assignment after each lecture; Exam is preparing a ready-to-submit proposal for a fellowship or grant

Content

Week 1 – Introduction to research funding landscape (+ mock review)
Week 2 – CV, significance / impact statements, objectives / aims, titles
Week 3 – Research plan, career plan
Week 4 – Budget, timelines, anonymization, literature cited + library presentation
Week 5 – Mock review panel: review your peers’ proposals
Week 6 – Expert visit: professors serving on review panels
Week 7 – CAPE presentation + closing

External contributors
Presentation by library: Presenting your published/unpublished work, preparing a DMP
Presentation by CAPE: Preparing for your fellowship/grant interview
Expert visit: Professors who serve on or chair grant review panels
What’s new?

- Grant Officers – grant writing services
- « EPFLLeaders4Impact » – new post-doctoral fellowship programme
- Project « Communications »
  - Faculty meetings
  - « Social media »
EPFLLeaders4impact

A new postdoctoral fellowship program for sustainable entrepreneurial impact
The transition towards a sustainable society requires not only new knowledge and technology

...but also responsible scientific leaders to envision and communicate all-encompassing solutions.

Hence, a new fellowship programme fostering the sustainable entrepreneurial capacity of postdoctoral researchers.
Key features

- **40-120 fellows**
- **2 calls**
- **€ 4.4 M** Cofunding of postdoc salaries
- **12, 18, 24 or 36 months** depending on the field of research
- **MSCA mobility rule**
- **Intersectoral collaboration**
Pillar 1: career development

A programme designed to equip future entrepreneurs with the **required skills** for **sustainable impact**:

- scientific training in the lab
- innovation and entrepreneurship courses
- sustainability and responsibility training modules
- transferrable skills courses
**Pillar 2: business development**

A programme designed to foster **new solutions to sustainability challenges**:

- collaboration with the **non-academic sector**
- embedding of the fellows in the **EPFL entrepreneurial ecosystem**
  - connections to successful entrepreneurs
  - connections to start-ups/established companies and organisations involved in sustainability topics
Career development: about 80 promising researchers-entrepreneurs equipped with critical knowledge and skills

Business acceleration:
• about 8 to 15 successful tech transfers through licensing to an existing company / organization
• about 5 to 10 successful tech transfers through start-up creation
What’s new?

- Grant Officers – grant writing services
- « EPFLLeaders4Impact » – new post-doctoral fellowship programme
- Project « Communications »
  - Faculty meetings
  - « Social media »
A need to communicate
Four core objectives

Promote EPFL research excellence for beneficiaries of programmes for which ReO gives support

Promote programmes for which ReO has a role of manager

Manage the communities of PhDs and Postdocs who are beneficiaries of programmes for which ReO gives support

Information sharing
3 selected social media: Twitter, LinkedIn & YouTube as a platform

Twitter account: @EPFL_ReO

LinkedIn page: EPFL Research Office
Best of Twitter

ReO-EU

Congratulations to @epflnews, AE Deltanews and @uclnews19, for their recently awarded EPFL REO research fellowships. Best of luck on your research projects!

ReO-INT

Congratulations to the winners of the 2020 REO Research Grants and Fellowships! The list of new winners and EPFL press releases can be found at epfl.ch/news

ReO-NAT&NFP

For PhD students interested in involving their research outside the lab, the summer BRIDGE Proof of Concept Call is open, but the deadline is coming up soon! Researchers can apply until 15 June 2020, 17h00. Find out more: bridge.epfl.ch/proof-of-concept/

ReO-P2MS

Congratulations to Jaume Bonet, member of the #REOFellows community, for his participation in the publication in Science and of course congrats to @beccorella and colleagues!

De novo protein design enables the precise inducible... To induce strong and targeted neutralizing antibody responses against vaccine targets, one strategy...  

science.sciencemag.org
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<th>ReO-EU</th>
<th>ReO-INT</th>
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<tr>
<td>Congratulations to Prof. Lysova-Lukat for being awarded an ERC Proof of Concept Grant to bring her research from lab to market. <a href="https://www.linkedin.com/in/llukat/">Find out more on LinkedIn</a></td>
<td><a href="https://www.linkedin.com/pulse/3-tips-crafting-need-statements">Grant Writing Basics: 3 Tips for Crafting Need Statements</a></td>
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<tr>
<td>Lysova-Lukat awarded a prestigious ERC Proof of Concept Grant</td>
<td></td>
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<td>[35 views</td>
<td>1 Comment]</td>
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<th>ReO-NAT&amp;NFP</th>
<th>ReO-P2MS</th>
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<tr>
<td>Congratulations to Anna Fontcuberta-Morral, new president of the Specialised Committee on International Cooperation reporting to the National Research Council of the SNSF Swiss National Science Foundation and to Annalisa Buffa, new member of the Programmes division of the National Research Council of the SNSF. <a href="https://www.linkedin.com/in/d4kS5j">Read more</a></td>
<td>Congratulations to Zouwen Wang, Dina Mahmoud and Dr. Eleonora Perica David for being awarded the ICT4D Fellowships which target the next generation of research leaders in the field.</td>
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<td><img src="https://www.linkedin.com/in/d4kS5j" alt="Image" /></td>
<td><img src="https://www.linkedin.com/in/d4kS5j" alt="Image" /></td>
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<tr>
<td>[192 views</td>
<td>7 Comments]</td>
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Introduction

Results

Meet our fellows!
Meet our fellows!

- New communication format
- Short videos to introduce fellows
- First try with EPFLinnovators fellows (12 volunteers)
- 2021: extension to other programmes
Merci

ReO
Research@epfl.ch