



## CAPES/Print Project

### UNIVERSIDADE FEDERAL DE MINAS GERAIS – UFMG

#### Scholarships Calls – Second Round 2019

Four modalities of scholarships:

#### 1. PhD mobility for UFMG's students

**Objective:** Selection of candidates for PhD Sandwich Scholarships Abroad (PDSE) to students enrolled at UFMG's Graduate Programmes participating in CAPES/Print scheme. Students perform part of the course at an international partner university and return to complete the credits and defend the thesis at UFMG.

**Schedule:** Beginning of activities between March and December 2020. The duration of the scholarship is from 6 to 12 months.

**Application responsibility:** UFMG candidate (PhD student)

**Required documents:** [1] Application Form, [2] Study Plan, [3] Letter of Recommendation from the Supervisor, [4] Letter of Consent from the Graduate Programme, [5] Letter of Consent from the International Supervisor, [6] CV of the applicant (Lattes), [7] Certificate of Language Proficiency.

#### 2. Visiting Professor for UFMG's Faculty members

**Objective:** Selection of candidates for Visiting Professor Scholarships to UFMG's Faculty members of Graduate Programmes participating in CAPES/Print scheme to conduct advanced research after the PhD completion.

**Categories:**

- JUNIOR Visiting Professor: Up to 10 years of PhD completion.
- SENIOR Visiting Professor: More than 10 years of PhD completion.

**Schedule:** Beginning of activities between March and December 2020. The duration of the scholarship is from 6 to 12 months.

**Application responsibility:** UFMG candidate (Faculty member)

**Required documents:** [1] Application Form (candidates must inform their ORCID identification number), [2] Work Plan, [3] CV of the applicant (Lattes), [4] Five



relevant publications [5] Letter of Consent from the International Collaborator, [6] PhD diploma, [7] Certificate of current assignment at UFMG, [8] Letter of Consent from the applicant Department or equivalent.

### 3. Visiting Professor from international universities

**Objective:** Selection of candidates for Visiting Professor (VP) Scholarships from international partner universities, living and working abroad, to conduct courses, trainings, lectures or seminars at UFMG.

**Obs.:** Applications from professors who are performing teaching or research activities in Brazil will not be accepted.

**Schedule:** Beginning of activities between March and December 2020. The duration of the scholarship is 15 days. Awarded candidates will be able to apply to further calls to return to UFMG in up to 3 periods of 15 days over the CAPES/Print duration.

**Application responsibility:** UFMG Faculty member.

**Required documents:** [1] Application, [2] Work Plan, [3] Presentation Letter of the VP written by the UFMG applicant, [4] Letter of Consent from the Graduate Programmes in which the VP will work, [5] Letter of Consent from the VP, [6] CV of the VP.

### 4. Mobility for PhD graduates with experience abroad

**Objective:** Selection of candidates with a PhD degree with experience abroad.

**Categories:**

- POST-DOCS: Doctors living in Brazil or abroad with relevant academic-scientific international experience (full doctorate, sandwich doctorate for at least 12 months or postdoctoral), to carry out research and teaching activities at UFMG.
- YOUNG TALENTS: Doctors living and working abroad with relevant academic-scientific international experience (full doctorate, sandwich doctorate for at least 12 months or postdoctoral) to carry out research and teaching activities at UFMG.

**Schedule:** Beginning of activities between March and December 2020. The duration of the scholarship is 12 months.

**Application responsibility:** UFMG Faculty member.



**Required documents:** [1] Application, [2] Work Plan, [3] Presentation Letter of the candidate written by the UFMG applicant, [4] Letter of Consent from the Graduate Programmes in which the candidate will work, [5] Letter of Consent from the candidate, [6] CV of the candidate, [7] proof of international experience, [8] proof of residency and working abroad (for Young Talents).

### Further observations:

- Applications must be aligned with the PRINT/UFMG Project.
- The host institution must exempt the approved candidate from collecting administrative and academic fees.
- The complete calls in Portuguese can be found in the following link:

<https://www.ufmg.br/prpg/capes-print/>


### Main dates for the Second Round:

Period	Activity
<b>From August 7 to September 13, 2019</b>	<b>Application submissions</b>
By September 27	Documentation assessments
From September 30 to October 4	Requests for reconsideration of the documentation assessments
By October 8	Results of the requests for reconsideration
By November 11	Merit assessments
By November 28	Results
From November 29 to December 3	Requests for reconsideration of the merit assessments
By December 5	Results of the requests for reconsideration of the merit assessments
From December 6 to 10	Administrative appeals against the denied requests for reconsideration
<b>By December 13</b>	<b>Disclosure of the final results</b>

## Crosscutting matrix for collaboration

UFMG's Institutional Project of Internationalization of Postgraduate Education (Print/UFMG) is displayed in the matrix below, with four vertical themes patterned upon contemporary challenges, intersecting with horizontal thematic axes drawn on combined strengths and built expertise of research groups at UFMG.

This design is meant to support ongoing initiatives aligned with the United Nations Sustainable Development Goals and also to look ahead and embrace future and promising trends.

 Matrix of the Institutional Project of Internationalization

**Themes → contemporary challenges**

	Sustainability, Risk Management and Governance	New Technologies and Frontiers of Science	Health and Well-being	Human Rights
<b>Aging</b>			*	
<b>Agro- and bio-business</b>		*		
<b>Basic science and its applications</b>		*		
<b>Big data and artificial intelligence</b>		*	*	*
<b>Biotechnology</b>		*		
<b>Borders and migrations</b>	*			
<b>Chronic, emergent and neglected diseases</b>			***	
<b>Cities and territories</b>	*	*		*
<b>Climate change</b>	*			
<b>Development, inclusion and exclusion</b>	*			
<b>Education</b>		*		*
<b>Energy</b>	*			
<b>Industry 4.0</b>		*		
<b>Languages, gender and identity</b>		*		*
<b>Natural resources</b>	*	*		
<b>Novel materials and nanotechnology</b>		*		
<b>Public policies and political regimes</b>				*
<b>Traditions, cultures and arts</b>				*
<b>Violence, conflicts and regulation</b>				*

**Thematic axes** (\*: number of projects in interaction)

Actions within the scope of the Print/UFMG project will focus on the development and implementation of specific goals, which will be carried out in joint collaboration with partner institutions of higher education. These actions will be partly funded by the Print/UFMG project to achieve the following goals:

- To develop joint innovative research;
- To increase the amount and the impact levels of indexed publications;
- To train human resources at PhD level for internships in selected partner institutions abroad;



- To increase the number of doctoral theses carried out under a double degree scheme (cotutelle);
- To provide an international experience to UFMG faculty members with a junior profile;
- To consolidate the international experience of UFMG faculty members with a senior profile;
- To recruit early-stage researchers with experience abroad to work at UFMG;
- To recruit postdoctoral fellows with experience abroad to work at UFMG;
- To attract internationally renowned scholars for short visits to UFMG;
- To promote actions geared towards internationalisation at home (offering courses in foreign languages, enhancing language proficiency skills, fostering a multilingual environment at UFMG, among others.).

## Themes and Projects

### **SUSTAINABILITY, RISK MANAGEMENT AND GOVERNANCE**

In the course of recent decades, sustainability has become one of the keywords for statespersons and societal leaders. Sustainability can be connected to contemporary alternatives to deal with disruption and collateral damage worldwide. The emerging emphasis on sustainable practices comes with a wake-up call for better risk assessment and risk management and is also concerned with the arguable need for effective governance mechanisms. Challenges addressed by this theme relate mostly but not exclusively to

- ✓ Borders and migrations
- ✓ Climate change
- ✓ Development, inclusion and exclusion
- ✓ Energy
- ✓ Natural resources with a focus on biodiversity and environment
- ✓ Sustainability of cities and territories

### **NEW TECHNOLOGIES AND FRONTIERS OF SCIENCE**

Characterised as radically novel and fast growing trends with the potential to exert a considerable impact on socio-economic domains, new technologies are capable of significantly changing the status quo at local, regional and global levels. In this context, basic sciences at the frontiers of knowledge have a pathfinder importance, favouring the emergence of new technologies, materials and creative solutions, helping to promote new ways of life and novel forms of technological and industrial practice to offer viable alternatives for contemporary challenges. Challenges addressed by this theme relate mostly but not exclusively to

- ✓ Agri- and Biobusiness
- ✓ Basic sciences and their applications
- ✓ Big data and artificial intelligence



- ✓ Biotechnology
- ✓ Cities and territories
- ✓ Creative educational solutions
- ✓ Industry 4.0
- ✓ Languages in a digital context
- ✓ Natural resources and state of the art technology
- ✓ Novel materials e nanotechnology

## **HEALTH AND WELLBEING**

Aligned with the United Nations Sustainable Goal to ensure healthy lives and to promote wellbeing for people at all ages, this challenge is concerned with the quality of healthcare offered to individuals and populations, with actions geared to strengthening health systems and policies. With large populations at stake, innovations in health and wellbeing must include effective policies and establish big data relationships of records pairing and linkage to support individual, longitudinal monitoring and real-time evaluation to improve performance and quality of healthcare. Challenges addressed by this theme relate mostly but not exclusively to

- ✓ Aging
- ✓ Big Data and artificial intelligence applied to health and biology
- ✓ Chronic diseases
- ✓ Diseases: from public policies to new drugs
- ✓ Emergent and neglected diseases

## **HUMAN RIGHTS**

Throughout history, human rights have faced distinct and multiple challenges, which include clarifying the meaning and grounds of human rights and making them effective. Related issues also encompass challenges in the implementation of human rights in respect to other values with which they might conflict and with the development of new technologies. Human rights have different dimensions (legal, political and moral) which can most productively be approached from interdisciplinary or transdisciplinary perspectives. Challenges addressed by this theme relate mostly but not exclusively to

- ✓ Big Data and Artificial Intelligence - societal implications
- ✓ Cities, territories and human rights
- ✓ Education as a human right
- ✓ Languages, gender and identities - Discourse analysis, languages and vulnerable groups
- ✓ Public policies and political regimes
- ✓ Traditions, cultures and arts
- ✓ Violence, conflicts and regulation