



Pro-Rector's Office for Research and Postgraduate Studies

**INSTITUTIONAL PROJECT FOR INTERNATIONALIZATION OF CAPES PROGRAM - PrInt
UNIVERSIDADE PRESBITERIANA MACKENZIE**

Call Notice. Call for Admission Procedure for Postdoctoral Scholarships in the Country

According to CALL NOTICE No. 41/2017 of CAPES, the main goals of the Institutional Project for Internationalization (PII) of the Universidade Presbiteriana Mackenzie (UPM), connected to the CAPES-PrInt Program, are to foster international research networks with the purpose of enhancing the quality of the academic production related to postgraduate studies; to widen the actions to support internationalization in postgraduate studies and to promote international academic mobility for the participant postgraduate programs.

1. OPENING

THE PRO-RECTOR FOR RESEARCH AND POSTGRADUATE STUDIES OF THE UNIVERSIDADE PRESBITERIANA MACKENZIE (UPM), as a Chairman of the Group Managing the Institutional Project for Internationalization informs the opening of applications for the year of 2022 for Postdoctoral Scholarships in the Country, within the scope of the Institutional Project for Internationalization of CAPES - PrInt Program of UPM. This Call Notice includes the submittal of proposals for only one category of financing, which are Scholarships connected to the Research Projects.

2. PURPOSE

- 2.1 The Postdoctoral scholarship in the Country with experience abroad is intended for young researchers and professors, Brazilians or foreigners, residing in Brazil or abroad.
- 2.2 The applicants must have relevant scientific and academic experience abroad as full doctorate or postdoctorate for at least twelve months.
- 2.3 The applicants will apply for the scholarship for research or teaching activities.
- 2.4 The Postdoctoral scholarship in the Country seeks to enable young researchers with proven relevant academic and scientific experience to come, with the purpose of contributing to the education of students of the Postgraduate Programs (PPGs) which are a part of the Institutional Project for Internationalization of the CAPES-PrInt Program of UPM. Thus, the scholarship student will contribute to form high level human resources to be included in the academic, teaching, and research circles in the country.
- 2.5 For this type of scholarship, the scholarship student is expected to contribute to the consolidation of collaborative international networks to increase the visibility of the PPGs, and contribute to high-impact intellectual and technological productions.
- 2.6 The scholarship students will contribute to enhance the level of collaboration and joint publications among him(her) and the professors of the program by supporting UPM's internationalization process.
- 2.7 The topics of the projects to which the postdoctorate scholarship is related, due to the type of Institutional Project for Internationalization of the CAPES - PrInt Program of UPM, are included in Appendix I.

3. QUALIFICATION OF THE APPLICANTS



- 3.1 To be Brazilian or foreigner residing in Brazil or abroad.
- 3.2 To be classified in the category of researcher with scientific and academic international experience as full doctorate or postdoctorate for at least twelve months.
- 3.3 To prove the international collaborations undertaken.
- 3.4 To have high-impact intellectual and technological productions related to the topic and research project of the Institutional Project for Internationalization of the CAPES - PrInt Program of UPM.
- 3.5 To have presented works in scientific meetings as guest speaker or lecturer at first-line conference in the area of competence.

4. DURATION AND NUMBER OF SCHOLARSHIPS

- 4.1 The duration of the scholarships follows the planning of the Institutional Project for Internationalization of the CAPES - PrInt Program of Universidade Presbiteriana Mackenzie, which is in accordance with the Guidelines of the Call Notice No. 41/2017 of the Institutional Project for Internationalization – CAPES PrInt (<http://www.capes.gov.br/images/stories/downoad/editais/10112017-Edital-41-2017-Internacionalizacao-PrInt-2.pdf>).
- 4.2 The term of effectiveness of the scholarships, at least 6 months and at most 36 months, is within the duration of the Institutional Project for Internationalization. Each call notice, according to the project, shall set forth the duration of the scholarships pursuant to the term of effectiveness set forth by CAPES.
- 4.3 Extension requests, within this Call Notice, are forbidden, according to the Guidelines of Call Notice No. 41/2017 of the Institutional Project for Internationalization - CAPES - PrInt.
- 4.4 Appendix I of this call notice states the number of Postdoctoral Scholarships in the country for 2022, for each research project, within the scope of the Research Project for International Cooperation – CAPES - PrInt of UPM, as well as the applications, admission, and results publication periods and the amount of the scholarship.

5. DUTIES OF THE COORDINATOR OF THE RESEARCH PROJECT OF PrInt

According to Call Notice CAPES 41/2017, the following duties are to the Coordinator of the Research Project CAPES/PrInt of the UPM, within the scope of this Call Notice.

- 5.1 To clarify doubts of the applicants, if necessary, about the work plan and the specificities of the Research Project for International Cooperation within the scope of the Institutional Project for Internationalization of the CAPES - PrInt Program of UPM.
- 5.2 To create an Applicant Admission Commission, which shall be formed by, at least, one (1) permanent professor of each of the postgraduate programs involved in the Research Project for International Cooperation within the scope of Institutional Project for Internationalization CAPES - PrInt Program of UPM.
- 5.3 To coordinate the internal admission of the applicants, ensuring that all the members of the Applicant Admission Commission [or their substitutes] participate.



- 5.4 In the admission of applicants residing abroad, comply with criterium of the CAPES - PrInt Call Notice with recommendations with respect to the countries of the institutions with which at least 70% of the resources of the partners must be allocated (<http://www.capes.gov.br/images/stories/download/editais/02022018-Edital-41-2017-Print-alteracao-anexo-1.pdf>).
- 5.5 To keep the original documents of the applicants that were granted the scholarship, for at least five [5] years, for any consultation by Capes and the control body.
- 5.6 To account to the Managing Group with a final opinion justifying the applicant chosen, according to the template of Appendix II.
- 5.7 In the monthly meetings of the Managing Group, notify its members of the status of the work plan of the Postdoctoral scholarship student.
- 5.8 In case there is interruption in the scholarship for exceptional reasons, to duly justify it to the Managing Group.
- 5.9 To contact the Coordination for International and Inter-Institutional Cooperation (COI) for support regarding the procedures to obtain CPF (Individual Taxpayer's Registry), housing, bank account, and other services necessary to the approved applicants residing abroad.
- 5.10 It is to the coordinator of the project to request a free-form report of scholarship to the Postdoctoral student. The report must be requested 1 (one) month before the end of the term of effectiveness of the scholarship.

7 APPLICATION

- 7.1 A letter duly dated and signed by the applicant addressed to the Coordinator of the Research Project of PrInt to which he/she is applying for the Postdoctoral Scholarship in the country. The email to send the application documents is: materiais.pos@mackenzie.br. The application shall be made exclusively within the scope of the PrInt Research Project that is promoting the Scholarship.
- 7.2 The following documents sent by email:
 - a) Application form duly filled out and signed, according to Appendix III, stating the Host Professor of UPM's postgraduate program chosen.
 - b) Updated Curriculum Vitae, in free model for foreigners and Lattes Platform model for Brazilians.
 - c) Copy of the identification documents: CPF (Individual Taxpayer's Registry) and Identification Card R.G. for Brazilians and passport for foreigners.
 - d) Consent letter of the Host Professor that will guide the scholarship student in UPM.
 - e) Letter duly signed undertaking to publicize, by any means, actions, disclosures or results obtained, the type of financing or support received from CAPES, as described in the respective commitment instrument.



- f) The foreigners applying to the scholarships in Brazil (in the modality Postdoctoral Scholarship in Brazil), with experience abroad that are not native speakers of Portuguese or English shall meet one of the following three requirements:
- Prove mastery of one of such languages by documents of the Higher Education Institution (IES).
 - Host informing that the applicant has enough language proficiency for the proposed activities.
 - Submittal, for Portuguese language, of the Celpe-Bras certificate; or submittal, for English language, of one of the certificates described in item 2.1 of Appendix XIII of Call Notice-41-2017-Print (<http://www.capes.gov.br/images/stories/download/editais/02022018-Edital-41-2017-Print-alteracao-anexo-12.pdf>).

7.3 Work plan, with fifteen (15) pages maximum, containing the Appendix of the activities plan.

Items required for the work Plan

- Title
- Introduction and justification, exposing how contemporary and relevant are the research activities and their relationship with the topic of the PrInt Project.
- Reasons to choose the Higher Education Institution (IES) of destination and the host professor of the UPM.
- Goals, with definition and clear limits of the subject-matter of study and its relation with the topic of the PrInt Project.
- Contribution of the work plan to promote international research collaborative networks.
- Significance for the scientific, technological, social or economic development of the area in medium- and long-term.
- Outcomes of the work plan with respect to: intellectual production, education activities (disciplines, courses, workshops), others.
- Bibliography.
- Appendix of the activities.

8 ADMISSION

The admission shall take place in three stages.

Stage 1.

This stage, of an eliminatory nature, will verify compliance with the following requirements.

- 8.1 Documents proving compliance with items 7.1 to 7.3 of this Call Notice. These items will be verified by the Admission Process Commission.



- 8.1.1 Applicants that do not meet all the documentation requirements will have their application denied. The denial of the application at this stage prevents proceeding to the following stages.
- 8.2 Verification of documents consistency: examination of the documents submitted for application, if the requested forms stated in this Call Notice are fully and correctly filled out.
- 8.2.1 Incomplete applications and registrations unduly sent or sent after the deadlines established shall be denied. The denial of the application due to that requirement prevents proceeding to the following stages.

Stage 2

This stage will verify compliance with the following requirements.

- 8.3 Verification of the qualification of the applicant, which shall be formed by:
 - 8.3.1 Evaluation of the curriculum of the applicant upon verification of quality and regularity of the intellectual, technical, and technological production, which will be assessed in papers in scientific journals, b) books, c) chapters of books, d) full papers published in the proceedings of national and international scientific events, e) summaries published in the proceedings of national and international scientific events. These intellectual and technical productions will be scored in gross numbers.
 - 8.3.2. Presentation of works in scientific meetings as guest speaker or lecturer at first-line conference in the area of competence.
 - 8.3.3. Coherence and scientific and academic merits of the work Plan according to the Institutional Project for Internationalization of CAPES - PrInt Program of UPM.
 - 8.3.4. The Coordinator of the Research Project for International Cooperation within the scope of the Institutional Project for Internationalization of CAPES - PrInt Program of UPM, with the admission commission, may assess the work plan on the basis of additional criteria that adhere to the goals of the Research Project for International Cooperation of UPM.

Stage 3

From stages 1 and 2, stage 3 will be carried out.

- 8.4. In view of the criteria described in 8.3, a classification list will be generated to ensure, in the event the applicant withdrawals, that the vacancies for Postdoctoral Scholarship in the country will be filled.

9. CLASSIFICATION OF THE APPLICANTS

The classification of the applicants due to academic merits shall consider the following issues:

- 9.1 Intellectual, technological, and technical productions of the Lattes curriculum shall be indicators of classification in view of the number and qualification (in case of papers, by QUALIS CAPES A1 until B2 or by the Impact Factor)
- 9.2 Coherence and scientific and academic merits of the work Plan according to the Institutional Project for Internationalization of CAPES - PrInt Program of UPM.



- 9.3 Significance of the Work Plan for the scientific, technological, social or economic development of the area in medium- and long-term.
- 9.4 Potential outcomes of the Work Plan in terms of intellectual production, education activities (disciplines, courses, workshops), others.
- 9.5 Potential outcomes of the Work Plan in terms of international research collaborative networks.

10 TIEBREAK CRITERIA

In case of tie between applicants, the following tiebreak criteria shall be considered, in the following order:

- 10.1 Intellectual, technological, and technical productions of the Lattes curriculum shall be indicators of classification in view of the number and qualification (in case of papers, by QUALIS CAPES A1 until B2 or by the Impact Factor).
- 10.2 Coherence and scientific and academic merits of the work Plan according to the Institutional Project for Internationalization of CAPES - PrInt Program of UPM.
- 10.3 The Coordinator of the Research Project for International Cooperation within the scope of the Institutional Project for Internationalization of CAPES - PrInt Program of UPM, with the admission commission, may assess the adequacy of the Study Plan on the basis of additional criteria that adhere to the goals of the Research Project for International Cooperation of UPM.

11 RESULTS

- 11.1 The Pro-Rector's Office for Research and Postgraduate Studies will disclosure on the website www.upm.br/print the results and will send an email to the applicants informing the result of the admission process.

12. CLAIM FOR REVIEW

- 12.1 The claim for review shall be duly signed by the applicant and shall be sent to the Coordination of the Research Project of PrInt within three (3) calendar days after the disclosure of the results.
- 12.2 The appeal shall be addressed to the Coordinator of the Research Project of PrInt, who shall send it to the Group Managing the PrInt, which will analyze the claim in a definite manner.

13. GRANTING OF THE SCHOLARSHIP

- 13.1 Once all the requirements of the admission procedure are met, the applicant will receive a notice of grant by email informing the approval and requesting confirmation of interest within seven (7) days, as well as the sending of the necessary documents so the scholarship may be granted.

14. APPENDIX

- 14.1 The applications shall follow the Appendix of indication of CAPES' scholarship students for the year of 2022, as follows.



Term for indication of the scholarship student	Date of the Application Process	Publication of results and	Evaluation and disclosure of the claims for review	Start period of the scholarship with CAPES
June 6th to June 20th (1 st call)	23rd May to June 10th	June 13th	June 17th	September to November/2022
September 19th to September 30th (2 nd call)	August 1st to September 20th	September 23rd	September 28th	January to march/2023

15. IMPLEMENTATION OF THE SCHOLARSHIP AND PROCEDURES REQUIRED BY CAPES

- 15.1 The implementation of the scholarship is made by Capes.
- 15.2 The passport with the visa to Brazil appropriate for the scholarship shall be obtained by the scholarship student and safekept by him/her.
- 15.3 It is entirely to the applicant to obtain the entry visa with the Brazil's consular representation in the country of origin. It is advisable to anticipate measures that may be taken after the implementation of the scholarship because some countries take time to process the granting of the visa. For such procedures, the applicant will be supported by the Coordination for International and Inter-Institutional Cooperation (COI) (<https://www.mackenzie.br/en/universidade/coi/institucional/about-international-office/>)
- 15.4 The visa, which is under the sole responsibility of the scholarship student, shall be valid for the entry and stay in the country for the period of performance of the activities inherent to the Scholarship in the country.

16. BENEFITS

- 16.1 In APPENDIX XI of the Call Notice 41-2017-Print, the Amount of Items that may be financed may be consulted - SCHOLARSHIPS IN THE COUNTRY (<http://www.capes.gov.br/images/stories/download/editais/04052018-Edital-41-2017-Anexo-11.pdf>).
- 16.2 This type of scholarship does not provide for payment of school fees nor additional for dependent.

17. RETURN TO THE COUNTRY OF ORIGIN

- 17.1 When the scholarship period ends, the Postdoctoral fellowship terminates.
- 17.2 The communications, with respect to the accounting to Capes, shall be made by intermediation of the Coordinator of the Research Project.



APPENDIX I

Postdoctoral Scholarship in the Country
SCHOLARSHIPS CONNECTED TO COOPERATION PROJECTS 2022

AMOUNT of the Postdoctoral Scholarships in the Country

12-month scholarship: R\$ [69.310,58]

TOPIC: Nano and microscale: material and functional devices

Project data	Number of Quotas/Term of Effectiveness (12 months)	Call for Scholarship Admission Procedure
<p>Micro and nanostructured multifunctional materials</p> <p>General purpose of the project: to act in the synthesis, processing, modification and characterization of micro and nanostructured materials with the purpose of generating multifunctional materials, adding mainly electromagnetic and biological properties. For this purpose, bidimensional materials (graphene and others) and techniques of modification of surfaces (for example, plasma technology) will be widely used.</p> <p>Coordinator: Guilhermino Jose Macedo Fechine</p>	1/12 months*	<ul style="list-style-type: none">- Biodegradable Polymeric nanocomposites (synthesis, processing, characterization and simulation);- Synthesis and chemical modification of nanomaterials;- Application of hybrid materials in biomedical systems;- Production of polymeric nanocomposites based on thermosetting resins for use in the automotive, naval, aerospace, oil and gas industries.- Nanostructured fluids under shear and extensional flows.- Smart materials under mechanical, thermal and electrical stimuli;- Multifunctional materials for additive manufacturing (extrusion, 3D printing);- Mechanical Behavior (Fatigue and Fluency) of Metallic Materials and Metallic Matrix Composites;- Thin film deposition by sputtering on metallic surfaces;- Development of new metal materials for biomedical applications;- Development, characterization and evaluation of coatings applied by thermal spraying;- Surface engineering: thermal barrier coatings (TBC);- Study, development and evaluation of high entropy coatings for industrial and biological applications.
* If the scholarship is awarded in the first call, the public notice will be closed.		



Universidade Presbiteriana

Mackenzie

Pró-Reitoria de Pesquisa e Pós-Graduação

APPENDIX II

REPORT OF ADMISSION OF APPLICANT FOR POSTDOCTORAL SCHOLARSHIP IN THE COUNTRY			
SCHOOL: Universidade Presbiteriana Mackenzie (Mackenzie Presbyterian University)			
PROJECT OF PrInt: Micro and nanostructured multifunctional materials			
COORDINATOR OF THE PrInt PROJECT: Guilhermino José Macêdo Fachine			
DATE:		PLACE:	
COMISSION (Indicate all the members of the Commission, including the external participant*)			
NAME	SCHOOL	TITLE/POSITION	SIGNATURE
FINAL OPINION JUSTIFYING THE CHOICE OF THE SELECTED APPLICANT			
NAME OF THE APPLICANT:			
OPINION:			