

CEFA VELA

CENTRO DE
ESTUDOS
DA FAVELA

NOTICE FOR UP TO 4 POSTDOCTORAL FELLOWSHIPS FAPESP

Submission period:
from 10/09 to 30/09



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POSTDOCTORAL SCHOLARSHIP OPPORTUNITY AT CEFAVELA

São Bernardo do Campo, September 10, 2024.

The Center for Favela Studies (CEFANELA) is a Research, Innovation and Dissemination Center (CEPID) of the São Paulo Research Foundation (Fapesp) based at the Federal University of ABC (UFABC), whose main object of investigation is the favela. It brings together national and international researchers from different areas of knowledge and academic research institutions and aims to expand the links between these institutions, government agencies and civil society that work on the subject. The Center seeks to build theoretical, methodological and empirical approaches, with a quantitative and qualitative bias, on the multifaceted and complex nature of favelas, as well as to understand the limits and potential of state interventions in favela territories.

CEFANELA has up to four (04) post-doctoral positions open to work in the Center's research lines.

Brazilians and foreigners are eligible to apply. The scholarships are worth R\$12,000.00 per month and technical reserve resources of 10% of the annual value of the scholarship and must be implemented according to the general requirements: holding a doctorate or equivalent (PhD) awarded within the preceding 7 years, being fluent in Portuguese, full dedication to research, availability for in-person work; and the specific requirements according to the research lines detailed in this call. **Candidates must choose only one line for submission.**

DOCUMENTATION

To apply for the vacancy, it is necessary to send the following documentation to the email address **chamadas.cefavela@ufabc.edu.br** from September 10, 2024 to September 30, 2024. Include in the email subject: Call 01CEFAVELA, Research_Line X, LAST NAME (example: **Call_01_CEFANELA_Research_Line3_SANTOS**). The documents listed below must be **gathered in a single PDF** with the same title as the email subject.

1. Cover page with: Full name, contact telephone number and indication of the line of research for which you are submitting the application.

2. Updated CV (<https://orcid.org/> and/or <https://www.lattes.cnpq.br/>)

3. Academic transcript of postgraduate studies (PhD only).

4. Motivation letter of up to 2000 words relating your academic and professional experience with the specific requirements of the line of research of interest and the reasons why you are applying for the scholarship.

5. Copy of a publication related to the line of research of interest. The publication may be: an article submitted or under review in a journal, a chapter of a book published or in press, or a complete paper published in conference proceedings.

SPECIFIC REQUIREMENTS ACCORDING TO THE RESEARCH LINE



LINE 1: FAVELAS REVEALER METHODOLOGICAL FRAMEWORK FOR IDENTIFYING AND CHARACTERIZING FAVELAS

Favelas Revealer research project aims to develop an innovative methodological framework for identifying and characterizing Brazilian favelas. This research aims to advance the field through the adoption of new classification and modeling strategies, with a special focus on recognizing and understanding the diversity of spatial manifestations of these territories.

LINE 1: FAVELAS REVEALER – METHODOLOGICAL FRAMEWORK FOR IDENTIFYING AND CHARACTERIZING FAVELAS

The main objectives of the project include:

- Advance knowledge about the diversity of Brazilian favelas, identifying different typologies and characterizing them;
- Explore the use of alternative high-resolution data from different sources to support the classification and characterization process;
- Develop a new classification framework that recognizes the multiple dimensions of precariousness and its varied forms of manifestation;
- Implement advanced classification techniques, with an emphasis on explainable artificial intelligence (XAI), ensuring that methods are interpretable, promoting collaboration between researchers and other stakeholders, and fostering collective learning throughout the classification process.

The ideal candidate for this postdoctoral fellowship should have solid knowledge and experience in the following areas:

- **Spatial Data Science:** Advanced knowledge of statistics, machine learning, and spatial analysis, with hands-on experience in programming languages such as R or Python.
- **Territorial Planning/Demography:** Experience in research in the areas of territorial planning, urban studies or demography.

The selected candidate will be responsible for:

- Contribute to the development of a new typology-based favela classification strategy.
- Collaborate with interdisciplinary teams to ensure the applicability of the methods developed.
- Disseminate the results of the research.

A blue-tinted photograph of a favela. In the foreground, there are several multi-story buildings with balconies and laundry hanging. In the background, a long bridge spans across a wide river, surrounded by dense green trees. The sky is clear and blue.

LINE 2: REAL ESTATE MARKET IN FAVELAS

The research project entitled *Real Estate Market in Favelas* aims to develop an innovative theoretical framework and related empirical research methods to advance the frontier of knowledge about real estate markets in favelas today. The research aims to generate knowledge about the new dynamics of real estate development and market allocation in favelas, including topics such as the role of the State, as well as the emergence of actors associated with the illicit economy that dispute its monopoly over the regulation of the built environment in favelas.

LINE 2: REAL ESTATE MARKET IN FAVELAS

The specific objectives of the research include:

- Develop new analytical keys to advance knowledge about the characteristics, functioning and structure of real estate markets in favelas today;
- Develop theoretical approaches to advance understanding of the dynamics and variety of actors involved in new forms of real estate development and local production (including drug trafficking and militias), and their relationships with processes of precariousness in contemporary favelas;
- Explore new methodological approaches (quantitative and qualitative) to advance empirical research on real estate markets in precarious settlements and favelas.

The ideal candidate for this postdoctoral fellowship should have solid knowledge and experience in the following areas:

- Urban economics, Architecture and Urbanism, Territorial Planning and Management, Economic Geography or related areas: with emphasis on topics related to the informal real estate market; State, markets and precarious housing; economic theory of the favela; rent theories; urban spoliation and dispossession; and institutional economics and property theory.
- Experience with research in precarious settlements and favelas.

The selected candidate will be responsible for:

- Contribute to the development of new theoretical approaches capable of explaining and interpreting the reproduction of space in contemporary favelas.
- Collaborate with interdisciplinary teams to ensure the applicability of the methods developed.
- Organize scientific events within this line of research.
- Disseminate the results of research.



LINE 3: ENVIRONMENTAL MULTIDIMENSIONALITY IN FAVELA UPGRADING

The project *Environmental multidimensionality in favela upgrading* aims to develop a critical and proactive reflection on the multidimensional and multiscalar treatment of the environmental issue in favelas, considering critical theoretical approaches (urban political ecology, urban metabolism, environmental and climate justice, environmental conflicts, water insecurity) and based on the following themes and approaches: (i) analysis of infrastructure concepts and interventions (conventional and unconventional) (drainage, water supply and sewage, solid waste); (ii) approaches to public and collective spaces, considering recent processes of reoccupation of relocation areas and their interface with housing and the daily lives of favela residents; (iii) occupations of environmentally protected areas, social production of risk, unequal impacts of climate change and measures to adapt to climate risks; (iv) actors and forms of financing (public or private) of interventions as drivers behind infrastructural designs and solutions in favela upgrading; (v) urban and environmental planning instruments and their interface with favela upgrading, considering conflicts with environmental legislation.

LINE 3: ENVIRONMENTAL MULTIDIMENSIONALITY IN FAVELA UPGRADING

The specific objectives of this project are:

- Articulate critical environmental and urban theory into the production of space in the favela, in order to increase understanding of socio-territorial dynamics and interventions;
- Develop methodologies for analyzing infrastructure and environmental quality, considering concepts, post-intervention results in the built environment, impacts and forms of appropriation by residents and other actors;
- Monitor the development of public upgrading policies and how these are affected by processes of privatization, public-private partnerships and other forms of private concession and advancement of corporate-entrepreneurial rationality.

The ideal candidate for this postdoctoral fellowship should have solid knowledge and experience in the following areas:

- Territorial Planning, Environmental Planning, Architecture and Urban Planning, Environmental Management, Environmental and Urban Engineering and related areas.
- Have experience and skills in field research methodologies and conducting interviews, particularly in favelas and conflict situations (occupations of environmental protection areas, risk situations, etc.).
- Demonstrate the ability to technically accompany and analyze favela upgrading and urban infrastructure schemes.
- Articulate the state of the art of the theoretical debate in one or more of the critical approaches indicated above with the research project.

The selected candidate will be responsible for:

- Collaborate with interdisciplinary teams to ensure the applicability of the methods developed.
- Guide researchers in specific research and/or extension projects within this line of research.
- Assist in the implementation of specific projects within this line of research.
- Organize scientific events within this line of research.
- Disseminate the results of research.



LINE 4: INTERNATIONAL EXPERIENCES WITH FAVELA UPGRADING.

The research project entitled *International Experiences with Favela Upgrading* aims to advance multidisciplinary research in favelas and urban communities in Latin America after improvement and consolidation programs. In this sense, the research aims to advance in the collection and systematization of data, field surveys, interviews, as well as in the elaboration of specific in-depth case studies in Latin America, promoting a dialogue with post-upgrading scenarios in India and sub-Saharan Africa, with emphasis on South Africa.



LINHA 4: INTERNATIONAL EXPERIENCES WITH FAVELA UPGRADING.

The specific objectives of the research include:

- To survey and systematize the conceptual and empirical literature on the limits and potential of favela upgrading and urban communities in Latin America in the 21st century;
- Explore comparative methodologies and their experimentation in diverse contexts of the global South with the aim of contributing to the global improvement of favela upgrading policies.

The ideal candidate for this postdoctoral fellowship should have solid knowledge and experience in the following areas:

- Territorial Planning and Management, or related areas;
- Experience in coordinating research teams;
- Ability to work in multidisciplinary teams;
- Experience with organizing and conducting field research in favelas and urban communities;
- Experience in developing participatory diagnoses on topics related to this call and moderating meetings with local stakeholders;
- Skill in analyzing and integrating data and knowledge;
- Fluent in Portuguese, Spanish and English.
- Availability to travel.

The selected candidate will be responsible for:

- Contribute to the development of new theoretical approaches capable of explaining and interpreting the reproduction of space in the contemporary favela.
- Collaborate with interdisciplinary teams to ensure the applicability of the methods developed.
- Organize scientific events within this line of research.
- Disseminate the results of research.

SELECTION PROCESS SCHEDULE

THE SELECTION PROCESS
WILL BE CARRIED OUT
ACCORDING TO THE
FOLLOWING STAGES, ALL OF
WHICH ARE ELIMINATORY IN
NATURE:

STAGE 1 – ANNOUNCEMENT OF THE CALL FROM 10/09 TO 30/09

SUBMISSION OF DOCUMENTATION BY CANDIDATES.

STAGE 2 – FROM 01/10 TO 15/10 (RESULTS ANNOUNCED ON 15/10)

ANALYSIS OF DOCUMENTATION.

STAGE 3 – FROM 16/10 TO 15/11

INTERVIEW WITH THE SELECTION COMMITTEE.

RELEASE OF THE RESULT: 18/11



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