



O P E N I N G S F O R  
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Our Graduate Program in Behavior Research and Theory (PPGTPC) at Federal University of Pará (Brazil) focuses on two areas: experimental psychology and eco-ethology. The area of experimental psychology comprises the following research domains: 1) Experimental analysis of behavior: Basic psychological processes; 2) Behavior analysis: Historical and conceptual issues; and 3) New behavioral technologies. The area of eco-ethology comprises the following research domains: 1) Evolutionary processes and human behavior; and 2) Evolutionary processes and non-human behavior. Our program aims at producing research workers at the Master's and Ph.D. levels. On exiting the program, the students are expected: 1) to demonstrate conceptual and methodological mastery of the study of behavior; 2) to supervise and implement research projects in their chosen area; and 3) to adapt or develop behavioral technologies that are relevant to a specific problem. Our program gives priority to research activities. Students are expected to obtain their Master's thesis in no more than 24 months, and their Ph.D.'s dissertation in no more than 48 months.

In its last evaluation by CAPES, bearing on years 2010 to 2012, our program reached level-5 quality. Our program currently comprises 14 full-time professors, each with research projects in their respective areas of supervision. The program's facilities (located in the UFPA campus in Belém) include study rooms, research laboratories, and equipment for data collection and analysis, with permanent internet access through the National Research Network. Students have access to our departmental library and to the electronic data bases from CAPES. The program receives external funding from CNPq and FINEP, aside from institutional research grants from UFPA, CAPES and FAPESPA.

Incoming students can apply to Master's and Ph.D. studentships funded by CAPES or CNPq. Which candidates receive funding is determined by the availability of studentships and by the candidate's vitae, as evaluated by our Studentship Commission. Our program adheres to the OAS Scholarship Program for Education and Training (PAEC 2015/Organization of American States).

Depending on the availability of professors for supervision, there are openings at the Master's level at the beginning of each semester, and at the Ph.D. level throughout the academic year. The professors who offer student openings make up the Selection Committee. Prospective students may contact professors working in their area of interest, so as to clarify questions and requirements specific to these advisors.

Teaching at the Master's and Ph.D. levels is done in Portuguese, although the program may also offer courses and academic activities in other languages.

### **THE SELECTION PROCESS AT THE MASTER'S LEVEL**

Each candidate must pass three successive tests: a) test of English comprehension, b) test of technical knowledge, and c) interview. Failure at any stage terminates the candidate's participation in the selection process. Each test may involve questions and answers in Portuguese, Spanish, or English, depending on the candidate's previous request for testing in a foreign language.

The test of English comprehension involves reading a scientific article written in English, and then writing answers to written questions about this article. Use of a dictionary is allowed. The test of technical knowledge checks the student's understanding of the topics required by the student's prospective advisor (see the present document for specifics). Please note that some advisors may also require that the candidates present a research project or prospective research timeline. Finally, the interview consists in the candidate's answering questions by the Selection Committee. These questions involve specific aspects related to the candidate's prospective activities in our program (see Appendix 1). In order to pass any of these tests, a candidate must obtain a score of 7 or higher.

At the end of the selection process, the candidates approved by each of the prospective advisors will be ranked according to the sum of their scores on the test of technical knowledge and on the interview. Candidates of equal rankings will be further ranked according to their score on the test of technical knowledge. Candidates of equal ranking at this stage will be further ranked according their score on the test of English comprehension. Candidates will be accepted in the program according to their ranking and until all available slots by advisor are filled.

### **THE SELECTION PROCESS AT THE PH.D. LEVEL**

Each candidate must pass three successive stages: a) evaluation of the candidate's research project by the prospective advisor and two referees external to our program; b) test of English comprehension; and c) interview. Each stage may be implemented in Portuguese, Spanish, or English, depending on the candidate's previous request for testing in a foreign language.

The test of English comprehension adheres to same criteria as the English test at the Master's level. **The candidates who passed the test of English comprehension must contact their prospective advisor in order to formulate a research project. Within one year after the test of English comprehension, and once approved by the advisor,**

**this research project should be sent to our Program Head, who will send it to two external referees.** If both referees approve the research project, the next step consists of an interview with the Selection Committee, comprising a 30-min presentation of the project and its defense. The Selection Committee will evaluate specific aspects related to the project as well as the candidate's potential activities and performance in our Program (see Appendix 2). Passing the interview requires a score of 7 or higher.

### **INSCRIPTIONS TO THE SELECTION PROCESS**

Inscriptions to the current selection process (2015, first semester) must be made online at <http://www.posgraduacao.ufpa.br/ppgtpc>. Click on DOUTORADO or MESTRADO, depending on your chosen option. The candidate should have his or her passport at hand to fill in the relevant information. In the field, "Outras Informações para o Processo Seletivo", the candidate should indicate his or her preferred language for the test of English comprehension, the test of technical knowledge, and the interview. Candidates who reside outside the state of Pará can also indicate in this field that they require the selection process to be made from their current location. To this end, they should indicate their country and city of residence, their Skype account, and the full name, title, institution, and e-mail of the contact person who will administer the tests of English comprehension and technical knowledge.

Foreign candidates will be informed in due time of the Selection Committee's acceptance of the proposed city and contact person. If accepted, the proposed contact person will function as an external member of the Selection Committee. This external member will administer the tests of English comprehension and technical knowledge within the timelines established by the present document.

**NOTE:** The contact person suggested by the candidate should preferably be a university professor. We suggest that the candidate already mentions this person and the relevant information when contacting a prospective advisor.

## TIMELINE FOR INSCRIPTIONS

- Timeline for inscriptions:** from 13/05/2015 to 12/06/2015
- Acceptation of inscriptions:** 15/06/2015
- Confirmation of inscriptions:** 16/06/2015, starting at 14:00.

The candidates whose inscription has been accepted should send a copy of their curriculum vitae along with copies of proofs of their teaching experience (if any), publications (only the first page of each article is needed), and addresses in meeting, to the Program Secretary. These documents may be sent by surface mail to: Secretaria do Programa de Pós-Graduação em Teoria e Pesquisa do Comportamento/Núcleo de Teoria e Pesquisa do Comportamento. Cidade Universitária Prof<sup>o</sup> José da Silveira Neto. Campus Universitário do Guamá, 01. 66.075-110, Belém, Pará, BRASIL. The deadline for receiving these documents is the 26<sup>th</sup> of June 2015 at 6 pm.

## PLACES AND DATES FOR THE SELECTION PROCESS

**Places:** The successive steps of the selection process will be carried out in Auditório Vivaldo Reis Filho, Núcleo de Teoria e Pesquisa do Comportamento, Campus Universitário do Guamá. In the case of foreign candidates whose inscription has been accepted, the selection process will be carried out at the city indicated by the Selection Committee.

### Dates for the Selection Process:

- Test of English comprehension: 17/06/2015 from 9:00 to 12:00.
- Test results: 22/06/2015, starting at 12:00.
- Reconsideration requests: 23/06/2015 until 12:00.
- Final results of the test: 24/06/2015, starting at 10:00.
- Test of technical knowledge: 25/06/2015 from 9:00 to 12:00.

-Test results: 29/06/2015, starting from 12:00.

-Reconsideration requests: 30/06/2015 until 12:00.

NOTE: Reconsideration requests should be presented in accordance with Solicitação de Revisão Nota - available at [http://www.ufpa.br/ppgtpc/index.php?option=com\\_content&view=article&id=46&Itemid=55](http://www.ufpa.br/ppgtpc/index.php?option=com_content&view=article&id=46&Itemid=55)

-Final results of the test: 01/07/2015, starting at 12:00.

-Interview: 02/07/2015, starting at 9:00.

-Interview via Skype (for the candidates whose request for a Skype interview was accepted): 03/07/2015, starting at 9:00.

NOTE: the candidates who requested a Skype interview should guarantee, at least 24 hours before the planned date, that their internet connection with PPGTPC is fully functional.

-Final results of the selection process: 03/07/2015, starting at 14:00.

-Session of academic orientation: 03/08/2015 at 10:00. **All approved candidates must attend this session in person.** Place: Auditório Vivaldo de Oliveira Reis Filho, Núcleo de Teoria e Pesquisa do Comportamento, Universidade Federal do Pará, Campus Universitário do Guamá.

## FORMAL ACCEPTATION IN THE PROGRAM

To be formally accepted in our program, the candidates must send the following documents by surface mail to the Program Secretary before the 3<sup>rd</sup> of August 2015 at 6 pm:

- Ficha de Inscrição do Candidato (see: [http://www.ufpa.br/ppgtpc/index.php?option=com\\_content&view=article&id=46&Itemid=55](http://www.ufpa.br/ppgtpc/index.php?option=com_content&view=article&id=46&Itemid=55)) with 3 x 4 cm picture.
- Copy of passport.
- Copies of academic title (or academic records plus certificate of end of studies) for undergraduate studies (when entering at the Master's level) or for Master's studies (when entering at the Ph.D. level).

Failure to present any of these documents will cause the student's acceptance in the program to be canceled.

### ADDITIONAL INFORMATION

Secretaria do Programa de Pós-Graduação em Teoria e Pesquisa do Comportamento/Núcleo de Teoria e Pesquisa do Comportamento. Cidade Universitária Profº José da Silveira Neto. Campus Universitário do Guamá, 66.075-110, Belém, Pará.

Phone/Fax: (091) 3201-8542/8476

E-mail: [secretariappgtpcufpa@gmail.com](mailto:secretariappgtpcufpa@gmail.com)

Website: [www.ufpa.br/ppgtpc](http://www.ufpa.br/ppgtpc) e  SECRETARIA PPGTPC.

Course of Portuguese for foreigners - Cursos Livres da Faculdade de Letras Estrangeiras Modernas (FALEM) do Instituto de Letras e Comunicação (ILC) da UFPA – <http://www.falem.ufpa.br/>

Phone: 9132017524. Announcements and inscriptions in march and june at <https://www.portalfadesp.org.br/>

### ADVISORS OFFERING OPENINGS

**I- Prof. Amauri Gouveia Junior** ([gouveiajr.a@gmail.com](mailto:gouveiajr.a@gmail.com))

Number of openings at the Ph.D. level: 01

Number of openings at the Master's level: 02

Main area: Eco-ethology.

Research topics: Modulatory aspects of emotion; models of anxiety and depression.

Additional prerequisites: None.

Bibliography for the test of technical knowledge:

Maximino, C., Brito, T., & Gouveia, A. Construct validity of behavioral models of anxiety: where experimental psychopathology meets ecology and evolution. *Psychology & Neuroscience*, 3, 117-123, 2010.

Sanchez, C., & Gouveia, A. O teste da simulação do falar em público não gera ansiedade em adolescentes surdos ou ouvintes. *Revista Brasileira de Terapia Comportamental e Cognitiva*, 13, 21-32, 2011.

Maximino, C., Brito, T., Colmanetti, R., Pontes, A., Castro, H., Lacerda, R., Morato, S., & Gouveia, A. Parametric analyses of anxiety in zebrafish scototaxis. *Behavioural Brain Research*, 210, 1-7, 2010.

Maximino, C., Silva, A., Araújo, J., Lima, M., Miranda, V., Puty, B., Benzecry, R., Picanço-Diniz, D., Gouveia, A., et al. Fingerprinting of psychoactive drugs in Zebrafish anxiety-like behaviors. *Plos One*, 9, e103943, 2014.

**II-Prof. Celina Maria Colino Magalhães** ([celinaufpa@gmail.com](mailto:celinaufpa@gmail.com))

Number of openings at the Ph.D. level: 01

Number of openings at the Master's level: 02

Main area: Eco-ethology.

Research topics: Children and elderly people at social risk.

Additional prerequisites: None.

Bibliography for the test of technical knowledge:

Bronfenbrenner, U. (1979). *The ecology of human development: Experiments by nature and design*. Cambridge, MA: Harvard University Press.

Bronfenbrenner, U. (2005). *Making human beings human*. Thousand Oaks, CA: Sage

Segall, M., Dasen, P., Berry, J., & Poortinga, Y. (1999). *Human behavior in global perspective: An introduction to cross-cultural psychology*. Elmsford, NY: Allyn & Bacon.

Harkness, S., & Super, C. M. (2005). Themes and variations: Parental ethnotheories in Western cultures. In K. H. Rubin, & O. B. Chung (Orgs.). *Parental beliefs, parenting, and child development in cross-cultural perspective* (pp. 61-79). New York: Psychology Press.

**III- Prof. Eleonora Arnaud Pereira Ferreira** (eleonora@ufpa.br)

Number of openings at the Ph.D. level: 01

Main area: Experimental Psychology

Research topics: Adherence to treatment.

Additional prerequisites: Having the title of psychologist.

**IV- Prof. Emmanuel Zagury Tourinho** (eztourinho@gmail.com)

Number of openings at the Ph.D. level: 01

Main area: Experimental Psychology

Research topics: Cultural selection, conceptual aspects of behavior analysis.

Additional prerequisites: None.

**V- Prof. Fernando Augusto Ramos Pontes** (farp1304@gmail.com)

Number of openings at the Ph.D. level: 01

Number of openings at the Master's level: 03

Main area: Eco-ethology.

Research topics: Networks of relationships and social help.

Additional prerequisites: Presenting a draft of research topic (to be sent to Fernando Ramos' e-mail).

Bibliography for the test of technical knowledge:

Same as that of Prof. Celina Magalhães.

**VI- Prof. François Jacques Tonneau** (francois.tonneau@gmail.com)

Number of openings at the Master's level: 01

Number of openings at the Ph.D. level: 03

Main area: Experimental Psychology

Research topics: Basic behavioral processes.

Additional prerequisites: None.

Bibliography for the test of technical knowledge:

Catania, A. C. (2006). *Learning*. Cornwall-on-Hudson, NY: Sloan.

**VII- Prof. Lília Iêda Chaves Cavalcante**

(liliaccavalcante@gmail.com)

Number of openings at the Ph.D. level: 02

Number of openings at the Master's level: 02

Main area: Eco-ethology.

Research topics: Children at social risk.

Additional prerequisites: None.

Bibliography for the test of technical knowledge:

Same as that of Prof. Celina Magalhães.

**VIII- Prof. Marcus Bentes Carvalho Neto**

(marcus\_bentes@yahoo.com.br)

Number of openings at the Ph.D. level: 02

Number of openings at the Master's level: 02

Main area: Experimental psychology.

Research topics: Aversive control; creative behavior ("insight"); historical, philosophical, and conceptual issues in behavior analysis.

Additional prerequisites: None.

Bibliography for the test of technical knowledge:

Same as that of Prof. François Tonneau.

**IX- Prof. Romariz da Silva Barros** (romarizsb@gmail.com)

Number of openings at the Ph.D. level: 01

Number of openings at the Master's level: 02

Main area: Experimental psychology.

Research topics: Behavior analysis applied to autism (1 Ph.D. opening and 1 Master's opening); behavior analysis applied to organizations (1 Master's opening).

Bibliography for the test of technical knowledge:

Same as that of Prof. François Tonneau.

**X- Prof. Simone Souza da Costa e Silva** (symon.ufpa@gmail.com)

Number of openings at the Master's level: 03

Main area: Eco-ethology.

Research topics: Dynamics of families with developmental alterations; family dynamics in the Amazonian area.

Additional prerequisites: None.

Bibliography for the test of technical knowledge:

Same as that of Prof. Celina Magalhães.

#### APPENDIX 1

##### INTERVIEW SCORING - MASTER'S LEVEL

The interview will evaluate the following aspects:

1. Ability to discuss one's work experience and vitae objectively and consistently.
2. Ability to describe one's trajectory and relation to one's prospective activities in the program.
3. Ability to apply or develop knowledge acquired by attending courses.
4. Demonstrated willingness to adjust one's daily schedule to the time requirements of the program.

Each aspect will receive a score varying from 0 to 2.5. The candidate's score for the interview will be the average of the scores attributed by the members of the Selection Committee.

#### APPENDIX 2

##### INTERVIEW SCORING - PH.D. LEVEL

The interview will evaluate the following aspects:

1. Overall quality and feasibility of the candidate's research project.
2. Ability to discuss one's work experience and vitae objectively and consistently.
3. Ability to describe one's trajectory and relation to one's prospective activities in the program.
4. Ability to apply or develop knowledge acquired by attending courses.
5. Demonstrated willingness to adjust one's daily schedule to the time requirements of the program.

Each aspect will receive a score varying from 0 to 2. The candidate's score for the interview will be the average of the scores attributed by the members of the Selection Committee.