

Curriculum Vitae

Olavo Fontes Magalhães Bessa

Short summary

He holds a degree in Industrial Design from the Federal University of Rio de Janeiro (1989), Masters in Industrial Design from the Pontifical Catholic University of Rio de Janeiro (2001) and Ph.D. in Industrial Design at the Polytechnic of Milan (2007). Was *cultore* of discipline "Laboratory of Industrial Design" at the Faculty of Industrial Design at the Polytechnic of Milan and the researcher in the LEUI (Laboratory of Ergonomics and Usability Interface) at the Pontifical Catholic University of Rio de Janeiro. He has experience in Industrial Design, with emphasis on evaluation of products and environments through analysis of nonverbal behavior. He is currently Professor of Design course at the Federal University of Rio Grande do Norte, in the northeastern Brazil.

Academic pathway

2003 – 2007

Doctorate in Industrial Design.

Polytechnic of Milan (POLIMI), Italy.

Title: Il comportamento non-verbale degli utenti: analisi ergonomica delle interfacce.

Year of degree: 2007.

Advisor: Francesca Tosi.

Scholarship: Coordination of Improvement of Higher Education Personnel (CAPES).

2000 – 2001

Master of Design (Concept 5 on CAPES).

Pontifical Catholic University of Rio de Janeiro, PUC-Rio, Brazil.

Title: Pedestrians' Satisfaction About Urban Built Environment in the Alfenas City: an ergonomic approach

Year of degree: 2001.

Advisor: Anamaria de Moraes.

Scholarship: Coordination of Improvement of Higher Education Personnel.

Specialty: Ergonomics.

1993 – 1994

Specialization in Applied Semiotics of Architecture. (Hours: 360h).

Universidade José do Rosário Vellano, UNIFENAS, Brazil.

1984 – 1989

Degree in Industrial Design.

Federal University of Rio de Janeiro, UFRJ, Brazil.

Professional Activities

February 2010 – until now

Occupation: Professor, Credit hours per week: 40, Exclusive dedication

Level: Undergraduate, graduation (Master of Science)

Subjects: Industrial Design, Laboratory of Industrial Design

Institutional affiliation: Federal University of Rio Grande do Norte, UFRN, Brazil.

November 2011 – June 2013

Position: Coordinator of the Design Course

Function: Direction and Administration of the Design Course at Federal University of Rio Grande do Norte, UFRN, Brazil.

March 2006 – March 2007

Occupation: Professor

Level: Undergraduate

Subjects: Industrial design; Laboratory of industrial design

Institutional affiliation: Promoting Quality Teaching S/A, FACAMP, Campinas, Brazil.

February 2002 - December 2002

Occupation: Professor

Level: Undergraduate

Subjects: Architecture and urbanism; Urban furniture and plastic models

Institutional affiliation: Pontifical Catholic University of Minas Gerais, PUC-Minas, Brazil.

Research fields

1. Gestural behavior analysis for evaluation of interfaces.
2. Evaluation of interfaces appliances.

Languages

Portuguese: Understands well, speak well, read well, write well.

Italian: Understands well, speak well, read well, write well.

English: Comprises reasonably, speaks reasonably, reads well, write reasonably.

Publications

Book chapters

Bessa, O. F. M. (2004). *A ergonomia do ambiente construído*. In: Anamaria de Moraes. (Org.). Ergodesign do Ambiente Construído e Habitado: ambiente urbano, publico e laboral. Rio de Janeiro: iUsEr, 2004, v. , p. 67-86.

Carvalho, L. M. ; Bessa, O. F. M. (2002). *Comparative study of the planners performance with drawing board and the computer (CAD)*. In: Paul T. McCABE. (Org.). Contemporary Ergonomics. Londres: International Ergonomics Society (IEA).

Bessa, O. F. M. (1998) . Built Urban Environment: Environmental Ergonomics. In: SCOTT, P. A.; BRIDGER R. S.; CHARTERIS, J.. (Org.). Global Ergonomics. 1.aed. Amsterdam: Elsevier.

Papers in conferences

Bessa, O. (2012). *Technology and cognitive ability: the use of new technologies and the design of digital interfaces*. Work (Reading, MA), v. 41, p. 1296-1304.

Bessa, O. F. M. (2007). *Analisi ergonomico-posturale di una postazione universitaria*. In: VII Congresso di Ergonomia, 2007, Milão. L ergonomia tra innovazione e progetto VII. Milano: Moretti & Vitali.

Bessa, O. F. M. (2006). *Ergonomics as if people really mattered*. In: International Committee of Design History and Studies (ICDHS) 5th conference, incorporating Nordic Forum for Design

History Symposia, 2006, Helsink-Tallin. Connecting proceedings: a conference on the multivocality of design history & design studies. Helsinki: niversity of Art and Design Helsinki - University of Art of Tallin, p. 10pp.

Bessa, O. F. M. (2005). *Just using the electronic daily objects: new technologies and-or-for-with the users*. In: World Design Congress ERA05, Research, R&D and products, 2005, Helsinki. Joining Forces proceedings. Helsinki: University of Art and Design Helsinki, p. 7pp.

Bessa, O. F. M. ; MORAES, A. (2000). *Typological Study of Gestures Expressed in Behavior in a Public Square*. In: Conference on Gestures, 2000, O Porto. Gestures: Meaning and Uses. O Porto: Ed Universidade Fernando Pessoa.

Bessa, O. F. M. (2000). *Ergonomical Problems From Project's Error and Carelessness on Sidewalk Constructions: a case study*. In: XIVth Triennial Congress of the International Ergonomics Association and 44th Annual Meeting of the Human Factors and Ergonomics Society. San Diego. IEA2000/HFES2000, 2000.

Bessa, O. F. M. (2000). *Psychosocial Aspects of Urban Space: an Auxiliary to an Ergonomic Analysis*. In: XIVth Triennial Congress of the International Ergonomics Association and 44th Annual Meeting of the Human Factors and Ergonomics Society. San Diego. IEA2000/HFES2000, 2000.

Bessa, O. F. M. ; SANTOS, E. C. ; ROCHA, E. M. ; MORAES, A. (1999). *Problemas Ergonômicos no Deslocamento de Pedestres, Advindos de Erros e Descasos Projetuais na Construção dos Pavimentos das Calçadas, na Cidade de Alfenas*. In: I Encontro África Brasil de Ergonomia, IV Congresso Latino Americano de Ergonomia, IX Congresso Brasileiro de Ergonomia, III Seminário de Ergonomia da Bahia, 1999, Salvador. Anais do I Encontro África Brasil de Ergonomia, IV Congresso Latino Americano de Ergonomia, IX Congresso Brasileiro de Ergonomia, III Seminário de Ergonomia da Bahia. Salvador: ABERGO.

Bessa, O. F. M. ; SILVESTRINI, C. A. ; VIEIRA, L. ; MORAES, A. (1998). *Deslocamento de Pedestre no Ambiente Urbano de Alfenas*. In: P&D Design 98, 1998, Rio de Janeiro. Anais P&D Design 98, AEnD-BR, Revistas Estudos em Design. Rio de Janeiro: Faculdade da Cidade/AEnD-BR/Revistas Estudos em Design. v. 2. p. 964-976.

Other bibliographic productions

Bessa, O. F. M. (2006). *Storia di bambini*. In M. A. Bonfantini; S. Zingale e U. Eco, L inventiva: Psòmega vent'anni dopo. Bergamo: Moretti & Honegger.

Bessa, O. F. M. (2006). *La saga della grammatica*. In M. A. Bonfantini; S. Zingale e U. Eco, L inventiva: Psòmega vent anni anni dopo. Bergamo: Moretti & Honegger.

Bessa, O. F. M. (2005). *Qualcosa*, in M. A. Bonfantini. Sessantotto al Massimo. Bergamo: Moretti & Honegger.

Academic research

Vernáculo (Project). People reproduce knowledge and ancestral gestures, perpetuating or renewing the traditional artifacts production with many contemporary elements, demonstrating a remarkable capacity for adaptations and changes in the traditional production processes. The *Vernáculo* project was born from the desire to know more and better understand how artifacts are run through the popular culture. For this, it was proposed to map and to analyze the artifact production of the State of Rio Grande do Norte, giving voice to creators and interpreting their works under an up to date perspective.

Site: <http://vernaculo.ufrn.br/>

Cynthia Vale de Oliveira (Majoring in Design). Analysis of nonverbal behavior of the female population in Ponta Negra, Natal, RN. 2011. Undergraduate research - Federal University of Rio Grande do Norte Federal University of Rio Grande do Norte. (Advisor)

João Pedro Tavares da Silva (Majoring in Design). Analysis of nonverbal behavior of the male population in Ponta Negra, Natal, RN. Home: 2011. Undergraduate research - Federal University of Rio Grande do Norte Federal University of Rio Grande do Norte. (Advisor).

Edivania Maria Rocha (Graduate student of Faculty of Architecture and Urbanism). Comparative overview of using verbal questioning and using observation of gestural behavior: an ergonomic approach. 2002. Graduate research - Universidade José do Rosário Vellano, Foundation for Research Support of the State of Minas Gerais. (Leader).

Lilian Morais Carvalho (Undergraduate student of Faculty of Architecture and Urbanism). Comparative study on the performance of students of architecture in computer and clipboard: an ergonomic approach. 2001. Undergraduate research - Universidade José do Rosário Vellano, Foundation for Research Support of the State of Minas Gerais. (Leader).

Gustavo de Magalhães Engel. Typological study of gestures expressed in a public square. Alfenas (MG). 2000. Scientific Initiation. (Undergraduate student of Faculty of Psychology) - University José do Rosário Vellano. (Leader).

Edivania Maria Rocha. Pertinence of collective transportation schedules and itineraries at Alfenas city. 2000. Scientific Initiation. (Undergraduate Student of Faculty of Architecture and Urbanism) - Universidade José do Rosário Vellano, Foundation for Research Support of the State of Minas Gerais. (Leader).

Elaine Cristina dos Santos. Ergonomic difficulties in the pedestrian displacements in the Alfenas city. 2000. Scientific Initiation. (Undergraduate student of Faculty of Architecture and Urbanism) - Universidade José do Rosário Vellano. (Leader).

Cesar Antônio Silvestrini. Pedestrian displacement in urban environments. 1998. Scientific Initiation. (Undergraduate in Faculty of Architecture and Urbanism) - Universidade José do Rosário Vellano, Foundation for Research Support of the State of Minas Gerais. (Leader).

Luciano Vieira. Pedestrian displacement in urban environments: methodology for setting up a handbook applied to Architecture and Urbanism. 1998. Scientific Initiation. (Undergraduate in Faculty of Architecture and Urbanism) - Universidade José do Rosário Vellano, Foundation for Research Support of the State of Minas Gerais. (Leader).