



Elen Nas

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Elen Nas, Ph.D.
curriculum vitaE

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Email: serealab@gmail.com
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Website (Research): prem.li/elennas

FELLOWSHIPS & AWARDS

2019-2020

Grantee of Coordenação de Aperfeiçoamento de Pessoal de Nível Superior, CAPES, Brasil .

2017-2019

Grantee of Coordenação de Aperfeiçoamento de Pessoal de Nível Superior, CAPES, Brasil.

2015-2017

Grantee of Coordenação de Aperfeiçoamento de Pessoal de Nível Superior, CAPES, Brasil.

2016

Graduate Scholar Award: Conference Arts and Society, University of California Los Angeles.

2016

"Lyricism in the street" Urban Performance; 'invisible theatre'. Olympics Stimulus. Rio de Janeiro City Hall, Culture Department.

2015

Graduate Scholar Award: Conference Design Principles and Practices, Pontifical Catholic University.

2014

"Lyricism in the Street". Solo exhibition. Drawings in panels made of music score; sculpture made of antique music score used in street performances; interactive



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sound installation. Gallery Hilda Campofiorito/ Paschoal Carlos Magno Center.
Niteroi City Hall. Culture Department.

2009

"Sereia Lab: sound installation in sensory scales". Caixa Cultural Center. Rio de Janeiro and Sao Paulo.

EDUCATION

Postdoctoral Researcher, University of Texas at Dallas

July 2021

ArtSciLab, School of Arts, Technology and Emerging Communications (ATEC)
Project: AI and the Art and Science of Consciousness: An ethnography of moral judgments triggered by images (Project Submitted to Templeton Foundation in August 2021)

Supervisor: Dr. Roger Malina

Ph.D., Universidade Federal do Rio de Janeiro, Brasil,

April 2021

Post Graduation Program in Bioethics, Applied Ethics and Public Health; Major: Bioethics & Technology, Minor: Philosophy of Science

Dissertation: Artificial Intelligence and Robotics: a Contemporary Bioethical Debate
Brazilian Advisors: Ph.D., M.D. Rodrigo Siqueira-Batista (Universidade, Federal de Vicensa, MG/BR); and Ph.D. Eugenio Silva, (UEZO, RJ/BR).

International Collaborations: Ph.D. Robert Sparrow (Monash University, VIC/AU); Ph.D. Geoffrey C. Bowker (University of California-Irvine, CA/US)

Master in Design, Pontifical Catholic University, Rio de Janeiro,

March 2017

Department of Arts and Design

Master's Thesis: Electronic Art: missing link between Design, Science and Technology
Advisor: Jorge Lopes, Ph.D. (Pontifical Catholic University of Rio de Janeiro, RJ/BR)

Bachelor in Social Science (Second Habilitation: Didactics)

March 1994

Universidade Federal Fluminense, Rio de Janeiro/Brasil

Department of Political Science

Honors Thesis: The 1990 Elections in Rio de Janeiro

Advisor: Maria Antonieta Parahyba Leopoldi, Ph.D.

WORKSHOPS



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Bioethics Seminars , Monash University
August- November 2020

Maths in the Brain, Monash University
September 2020

Social Robotics, Monash University
August 2020

Bioethics and Artificial Intelligence, Public Health Studies Institute/ Federal University of Rio de Janeiro (IESC/UFRJ)
February 2017

Philosophy of Science, Public Health Studies Institute/ Federal University of Rio de Janeiro (IESC/UFRJ)
December 2016

Designing Future: Human Brain as Visual Music, Pontifical Catholic University of Rio de Janeiro (PUC-Rio), Department of Arts and Design
2015

Intellectual Technologies in Design, Culture and Society Seminars, Pontifical Catholic University of Rio de Janeiro (PUC-Rio)
2015

3D Technologies, Getulio Vargas Foundation, Rio de Janeiro
2014

Processing Software, Brazilian Collegiate of Superior Studies, Federal University of Rio de Janeiro (CBAE/UFRJ)
2011

Arduino Software and Hardware, Superior School of Industrial Design, Rio de Janeiro State University (ESDI/UERJ)
2011

Pure Data Software, Plano B, Lapa, Rio de Janeiro
2010

Theremin: History and Design, Hangar Cultural Center, Barcelona
2007



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PUBLICATIONS

MALINA, R., NAS, E. *Interlocuções*. In: Panoramas V. II. Org. Rodrigues, O., Malheiro, A., Rocha, C., Flexor, C. Portugal. Universidade do Porto (FLUP). pp. 62-72. 2022.

NASCIMENTO, E.C.C. SILVA, E. SIQUEIRA-BATISTA, R. *In love with machines: the bioethical debate about sexual automation*. RBD: Revista Bioetica y Derecho, 181-202, 2021.

ANDREON, F. M., NAS, E., Antônio ,V. E. , et. All. Andróides sonham com ovelhas elétricas? Leituras neuro (bio) éticas de Westworld / *Do Androids dream with electric sheeps? Westworld neuro(bio) ethical readings*. (Article accepted: Revista Neurociências, ISSN 0104-3579 e ISSNe 1984-4905)

NAS, E., SIQUEIRA-BATISTA, R. Construção do saber médico: crítica ético-política. / *Construction of medical knowledge: ethical-political criticism*. Revista Bioetica, 29, pp. 251-256. 2021.

NAS, E. *Bioethics of Nonpresence: body, philosophy, and machines*. Amazon Books. 2021. ISBN: 9798712501151. Available at:
<https://www.amazon.com/gp/product/B08X4D3N4F>

NAS, E. Inteligencia Artificial: uma discussao bioetica dos sistemas de informacao / *Artificial Intelligence: a bioethical discussion of information systems*. In: Caminhos da Bioetica V. 3. (ed. CASTRO, J.C. & NIEMAYER-GUIMARAES, M., BATISTA, R. S.). p. 52-74. Editora Unifeso, 2021.

NAS, E., Batista, R.S., Silva, E., Gomes, A. P., Brandao, A. S., Costa, A. S., Schramm, F., Guimaraes, R., Rego, S., Marinho, S. O uso de robos e a pandemia de COVID-19: Questoes Bioeticas./ *The use of robots and the COVID-19 pandemics: bioethics questions*. Essay. COVID-19 Observatory. Oswaldo Cruz Foundation (FIOCRUZ). 2020. Available at: <https://portal.fiocruz.br/documento/ensaio-o-uso-de-robos-e-pandemia-de-covid-19-questoes-bioeticas>

NAS, Elen. Arte Eletronica: elo perdido. / *Electronic Art: the missing link*. Amazon Books, 2020. ISBN: 9798623592989. Available at:
<https://www.amazon.com/dp/B0863TWDSN>



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Motta; Machado; Gomes; NAS, Elen; Silva; Goldschmidt; SIQUEIRA-BATISTA. *COVID-19 Pandemic: How Artificial Intelligence can help us.* Brazilian Applied Science Review. , v.4, p.2904 - 2915, 2020.

NASCIMENTO, E. C. C. Reflexoes Bioeticas na Era da Inteligencia Artificial. / *Bioethical Reflections in the Era of Artificial Intelligence.*

In: Caminhos da Bioetica. (ed. CASTRO, J.C. & NIEMAYER-GUIMARAES, M. Editora Unifeso. p. 345-362, 2019).

NASCIMENTO, E. C. C.; SIQUEIRA-BATISTA, R. *The brain and the robot: bioethical implications in transhumanism.* CIÊNCIAS & COGNIÇÃO (UFRJ). , v.23, p.237 - 242, 2018.

NASCIMENTO, E. C. C.; SILVA, E.; SIQUEIRA-BATISTA, R. *The 'use' of sex robots: a bioethical issue.* Asian Bioethics Review. , v.10, p.231 - 240, 2018.

NASCIMENTO, E.C.C.; LOPES, J. *Interface Design For Ludic Experiences With New Technologies: The Case Of Open-Source Software Reactivision In Sound Interactions.* 12º Congresso Brasileiro de Pesquisa e Desenvolvimento em Design. Belo Horizonte: Blucher Design Proceedings. 2016.

FORTHCOMING WORKS

NAS, E. Sociedade autômata: a máquina no controle /*Automata society: the machine in control.* In: DEUS EX MACHINA: Fronteiras Bioéticas das Neurociências, Inteligência Artificial, Nanotecnologia e Robótica (DEUS EX MACHINA: bioethical frontiers of neurosciences, artificial intelligence, nanotechnology, and robotics). (ed. Nas, E. Motta, O., Silva, E, Batista, R.S.). Book Project in Progress.

NAS, E. SPARROW, R. Bioética, Tecnologias Emergentes e Ética das Virtudes / *Bioethics, Emerging Technologies and Virtue Ethics.* In: DEUS EX MACHINA: Fronteiras Bioéticas das Neurociências, Inteligência Artificial, Nanotecnologia e Robótica (DEUS EX MACHINA: bioethical frontiers of neurosciences, artificial intelligence, nanotechnology, and robotics). (ed. Nas, E. Motta, O., Silva, E, Batista, R.S.). Book Project in Progress.

NAS, E. BOWKER, G.C.. Biopolítica e os valores ocultos nos sistemas tecnológicos. /*Biopolitics and The Values Hidden in Technological Systems.* In: DEUS EX MACHINA: Fronteiras Bioéticas das Neurociências, Inteligência Artificial, Nanotecnologia e Robótica (DEUS EX MACHINA: bioethical frontiers of neurosciences, artificial intelligence, nanotechnology, and robotics). (ed. Nas, E. Motta, O., Silva, E, Batista, R.S.). Book Project in Progress.



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NAS, E. *Sorting Things Out? An interview with Geoffrey Charles Bowker.* Engaging Science, Technology and Society. (Approved. Publication Review in Progress).

AS, E. *NFT Latin America: a Russian doll as a Revolution inside revolutions.* Draft in Progress, 2022. Available at:

https://www.academia.edu/69978547/NFT_Latin_America_a_Russian_doll_as_a_Revolution_inside_Revolutions

CONFERENCE PRESENTATIONS

NAS, Elen. *How can we Co-Create the Metaworld?* Mozilla Festival, at Decolonized AI Futures. March 2022.

NAS, Elen. *How Arts can Help the Resistance Through Thought.* Conference Shifting the Geography of Reason XIX, organized by the Caribbean Philosophical Association, June 18-19, 2021. Theme: Black Lives Matter, Black American Resistance Through Thought. Online.

NAS, E., COSSA, J. Cosmo-uBuntu and Bioethics: the social responsibility of Artificial Intelligence. Conference Presentation. Session: *Ubuntu and Social Justice Education.* Comparative and International Education Society (CIES). April, 2021.

NAS, Elen; Mauro Pinheiro; Denise Filippo; Fernando Reisz

2019. *Design Experience and proactive stimulus in the IHC through Music,* Powers of Sound, I International Conference of Sonorities Research, Federal University of Santa Catarina (UFSC) 2019

NAS, E. ; TEFFE, C. S. *Big Data e FakeNews,* 2018. Jornada de Biotica PPGBIOS. UERJ. 2018

NAS, E. *Donna Haraway e o Pos Humanismo.* Palestra. Nucleo de Inclusao Social; Instituto de Filosofia e Ciencias Sociais (IFCS/ UFRJ).

NASCIMENTO, E. C. C., LOPES, J. *The Artist as a Scientist: Sound Performance, Aesthetics, Hybrids and Cyborgs,* Conference Arts and Society, UCLA, 2016.

NASCIMENTO, E. C.C. (Elen Nas). *The Experimental Culture of Interface and Design.* Conference Design Principles and Practices, Puc-Rio 2015.

POSTER PRESENTATIONS



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Orloviski, M.L., Siqueira-Batista, R., Nascimento, E.C.C., Motta, O. S., Silva, E. *The use of Artificial Intelligence as support for Bioethical decisions on end-life patients.* Academic Integration Symposium, Universidade Federal de Vicoso (UFV), 2020.

Andreon, F.M., NASCIMENTO, E. C. C., Batista, R.S. *Mathematical and Computational Modeling of Consciousness: Preliminary Notes.* IV SEMAT. UFV. 2018

TEACHING EXPERIENCE

Debates Contemporâneos em Ética e Bioética (Contemporary Debates on Ethics and Bioethics), Guest Teacher, 2021. FACULDADE DINÂMICA DO VALE DO IPIRANGA PROGRAMA DE PÓS-GRADUAÇÃO EM ENSINO DE CIÊNCIAS – PROCISA

Life at Femtosecond, Guest Teacher, Sping 2020. University of California - Irvine

Design and New Technologies, Teaching Assistant, 2015. Pontifical Catholic University Rio de Janeiro

ARTWORKS

[Robota Dreams](#), Short Movie Director
2020

[Prego Amor](#), Sound Object & Performance, Suburbia Festival, Rio de Janeiro
2019

[Lirismo na Rua](#), Invisible Theatre/Urban Performance, Rio de Janeiro
2016

[Pictogramas Sonoros Interativos](#), Experimental Interface Lab (LIFE), Arts and Design Department of Pontifical Catholic University (DAD/PUC-Rio)
2015

[Lirismo na Rua, Performance, Drawings in Old Music Score Panels and Sound Art](#)
[Exibition](#), Galeria Quirino Campofiorito, Niteroi, Rio de Janeiro
2014



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Sew Pearls in Water Molecules, Underwater Essay, Rio de Janeiro
2013

Em dias de maré cheia acordo com o sol pra conversar cedinho com a lua, VideoPerformance, Cabo Frio, RJ
2012

Pictogramas Sonoros Interativos, Science House from the Federal University of Rio de Janeiro (Casa da Ciencia/UFRJ)
2011

Limite-Fronteiras, Performance, Galeria Tramas, Rio de Janeiro
2011

Nails Harp (Harpa de Pregos), Sound Sculpture with Pedal Harp Performance
2011

Voice, Performance, Nova Arte Contemporânea, Casa França Brasil, Rio de Janeiro
2011

Yemaninja, Digital Performance, Plano B Lapa, Rio de Janeiro
2010

Sereia Lab: Instalação Sonora em Escamas Sensoriais, Multimedia Interactive Sound Installation and Performance, Caixa Cultural Galleries in Rio de Janeiro and São Paulo
2009

Sereia Lab DJ & Voice Performance, Fosfobox Club, Rio de Janeiro
2008

Blue, Performance & Sound Design, Tannuri Atelier, Rio de Janeiro
2008

Nackt Berlin, Performance, Berlin
2007



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Jabá, O filme, Short Movie Director
2006

O Íntimo Espaço de Fora, Guest Performer, Cacilda Becker Theatre, Rio de Janeiro
2006

VOLUNTEER AND SERVICE

WWOOF USA (World Wide Opportunities on Organic Farms).

2021: Immersive experience for the understanding of the food supply challenges and its relations with sustainability.

Citizen Home (Casa Ser Cidadao, Santa Cruz, Rio de Janeiro), Lecture and Debate.
2013

Science Home (Casa da Ciencia/ UFRJ). Discovery Club. Workshop with elementary students: electronic and interactive, sound art with augmented reality. 2012.

Socio Psychoanalytical Studies Center (CESOP): Instructions for Citizenship
2001- 2005

Teaching marginalized groups and communities in Rio de Janeiro City and State.

PUBLIC SELECTIONS

Lyricism in the streets, Funded by Rio de Janeiro City Government, Culture Department: Olympics Fomentation Competition. Performance-Art for Popular Expressions. 2016

Lyricism in the streets, Funded by Niteroi City Government, Culture Department : Fine Arts Occupation Competition. Solo Exhibition (Panels drawn in music score with interactive sound installation). 2014

Sereia Lab: Multimedia and Sound Installation, Funded by Brazilian Federal Bank (CAIXA): Fine Arts Occupation Competition for Caixa Cultural. 2009.



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PROFESSIONAL ACTIVITIES

Member of NEURO-I-SELF, research group of Universidade Federal de São Paulo on Neuroethics - social, legal, philosophical and ethical implications.

<https://sites.google.com/view/neuroetica-americalatina/grupo-neuro-i-self>

Member of BrainniaC, a network of researchers in the areas of Neuroscience, Nanotechnology, Artificial Intelligence and cognition. <http://www.brainniac.ufv.br/>

Member of Editorial Board: Social Education Research; The Design Collection.

Affiliations: Posdoctoral Researcher at ArtSciLab from the School of Arts, Technology and Emerging Communications (ATEC), at University of Texas Dallas (UTD).

Languages: Fluent in Portuguese, English and Spanish; Reads in French.

OTHER PROFESSIONAL ACTIVITIES

2010 – 2013

Approvals of Self-Designed Cultural Projects for Culture Fomentation Law (Rio de Janeiro State, Culture Department; Brazilian Government, Ministry of Culture).

2005 – 2010

Elaboration and participation in projects of visual arts and electronic music with a various collective of artists and solo exhibitions with the skills: art director, sound designer, film director, performer, solo artist. Participation in free-software movements and workshops of Theremin (Hangar, Barcelona), Processing (Brazilian College of High Studies/ UFRJ), Arduino (National School of Industrial Design/UERJ), and Pure Data (Plan B, Lapa, Rio de Janeiro).

2000- 2005

Voluntary teacher for marginalized communities on History and Sociology topics with special attention to human rights, citizenship, and environment.

Commissioned musical performance presentation for dance performance shows theatre and events.

‘90s

Teacher for music workshops: singing technique and musical perception.

Awarded singer in two Festivals; music solo presentations in Rio de Janeiro, cities of Germany, Northern Europe, and England.



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Note

1 - I started to sign academic works with my full name (Elen Cristina Carvalho Nascimento) or first and last name (Elen Nascimento). I also have a 'social name' (Elen Nas) from my artistic works, and now I sign all publications as Elen Nas.