

Anastasiya Kopteva

Undergraduate Research Assistant

Laboratory for Non-Invasive Brain-Machine Interface Systems
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Objective

My passion is to help foster and collaborate in multidisciplinary work across a diverse group of people to help solve problems in the community, and push the boundaries of known knowledge.

Education

2013- BS- University of Houston, Houston, TX
Bachelor of Science in Marketing
Minors: Dance, Creative Work

Professional Experience

2015- Research Assistant, University of Houston.
2016- Teaching Assistant, SPAN3308 University of Houston.
2015 PR and Marketing Intern, Ars Lyrica Houston
2014-2016 Pharmacy Technician, CVS Pharmacy
2014-2016 Dancer, Suchu Dance
2016 Choreographer, Opera Leggera
2013 Logo Designer, Triumvir Corp.
2012-2013 Pharmacy Technician Intern, Walgreens
2011-2012 Shadowed Clear Lake Regional Hospital Personnel

Professional Society Membership

Student member: IEEE, SFN

Leadership Experience

2016- CotA Connects Chair
2016- IEEE Houston Section: Engineering in Medicine & Biology Society, Social Media, Young Professionals.
2016- IEEE-UH: PR Chair
2015- Brain on Art research student leader.
2015- Russian United Student Society (RUSS), Vice President
2014-2015 University Dance Theatre (UDT), Historian

Fellowships, Honors, and Awards

2016 Travel Grant a2ru
2016 Travel Grant IEEE- Future Leaders Forum
2016 Leadership in Innovation and Creativity, 31st Annual Campus Leader Awards, University of Houston
2016 Summer Undergraduate Research Fellowship (SURF), University of Houston
2015 National Science Foundation Research Experience for Undergraduates (NSF REU) Fellowship
2015 Dean's List
2015 Holocaust March of Remembrance Scholarship, Defender Award
2013 Academic Excellence Scholarship
2013 Discus Awards Scholarship

Other Skills

Programming Languages: MATLAB, Java, LaTeX.
Languages: Spanish, English, French.
2013-2015 Cougar Dancesport. 4th place Salsa Open competition.
2009-2014 Three intramural Basketball Championships, Tec de Mty.

Research Interests

Interdisciplinary Work, Brain-Computer Interfaces, Computational Neuroscience, Machine Learning, Neuroaesthetics, Rehabilitation Engineering.

Selected Invited Talks and Presentations

Presenter. Your Brain on Art: Understanding the Brain in Creative Action and Context, Presenter, Museum of Fine Arts, Houston, TX. 2016. Houston Arts Partners. Alley Theater, Houston, Texas. 2016. Graduate and Professional Student Orientation, University of Houston. Houston, TX. 2016.
Presenter. 2016 International Conference on Mobile Brain-Body Imaging and the Neuroscience of Art, Innovation, and Creativity, Cancun, Mexico.
Presenter. Art, Mind, and Science conference, by FIRST-MD. San Antonio, TX. 2016.
Guest speaker. Course The Future of Neuroscience, Rice University. Houston TX. 2015.
Presenter. Innovation Festival - USPTO, Smithsonian Museum of American History. Washington, DC. 2015.

Publications

Poster Publications

1. Longitudinal Assay of Artist's Creative Process using MoBI Technology, Mélanie Guirette, **Anastasiya E. Kopteva**, Jesus G. Cruz-Garza, Jo Ann Fleischhauer, Jose L. Contreras-Vidal. Houston Methodist Research Institute. Houston, Texas, USA. August 2016.
2. How does the brain experience art? Part A: Behavioral Findings, Aya Hasan, Stephanie Andrieu, David G. Gonzalez-Sanchez, **Anastasiya E. Kopteva**, Jesus G. Cruz-Garza, Jose L. Contreras-Vidal. Houston Methodist Research Institute. Houston, Texas, USA. August 2016.
3. The Creative Brain in Action and in Context: A Longitudinal Assay of the Creative Process using MoBI Technology, **Anastasiya E. Kopteva**, Jesus G. Cruz-Garza, Jo Ann Fleischhauer, Mélanie Guirette, Jose L. Contreras-Vidal. 2016 International Conference on Mobile Brain-Body Imaging and the Neuroscience of Art, Innovation, and Creativity. Cancun, Mexico. July 2016.
4. The Exquisite Corpse: EEG Features Associated with Art Improvisation, Jesus G. Cruz-Garza, **Anastasiya E. Kopteva**, Andrew Y. Paek, Jose L. Contreras-Vidal. 2016 International Conference on Mobile Brain-Body Imaging and the Neuroscience of Art, Innovation, and Creativity. Cancun, Mexico. July 2016.
5. Comparison of MoBI System Performance in an Unconstrained Museum Setting, Andrew Y. Paek, **Anastasiya E. Kopteva**, Jose L. Contreras-Vidal. 2016 International Conference on Mobile Brain-Body Imaging and the Neuroscience of Art, Innovation, and Creativity. Cancun, Mexico. July 2016.