MARIYA KOPYNETS

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Education

University of California San Diego | Cognitive Neuroscience, B.S. Degree |2013-2016

- Pell Grant & Cal Grant
- Relevant Courses: Modeling and Data Analysis, Statistical Analysis; Programming MATLAB; Usability and Information Architecture; Interaction Design; Calculus and Analytic Geometry for Science and Engineering majors I-III; Linear Algebra; Distributed Cognitions; Cognitive Neuroscience; Systems Neuroscience; Neuroanatomy and Physiology; Cognitive Neuropsychology; Learning, Memory and Attention; Sensation and Perception; Brain Damage and Mental Function; Drugs, Brain, Mind and Culture; Language; The Cell; Organismic and Evolutionary biology; The Evolution of Human Diet; Organic Chemistry; Biochemical Techniques Lab
- Neurobiology of Disease Workshop: Human Brain Malformations: From Genetics to Therapeutics | SFN
- Epigenetics Lab-Independent Study course: Immunobloting, Immunofluorescent-Staining, PCR intro; Data Mining from UCSD Health Systems Database; statistical evaluations; Making buffers, solutions; assay solutions for required osmolarity (pH).

Berkeley City College | Global Studies and Social & Behavior Studies, A.A. Degree | 2010-2013

- AWARDS: Peralta College Foundation Scholarship, Wanda Garcia Memorial Scholarship, Henry Fort Memorial Book Scholarship, Membership at Phi Theta Kappa Honors Society.

Work Experience

The Salk Institute | Cellular Neurobiology Laboratory | 2013-2015 Laboratory Skills

- Cell culture, Immunoblotting, Striatum dissection technique, HPLC.
- Short-terms and long-term individual and team-based experiments.
- Behaviour essays: OpenField, Rotorod, Cylinder, Tremor, Rotometer, Morris Water Maze.
- Statisical evaluations using softwares: Prism, Histology evaluations using: ImageJ.
- Intraperitonial injections, Subcutanious injections, oral gavage.
- Developed a database for tracking and managing cell lines used for cell culture.

Honorary Presentations

- Poster presentation at the Society for Neuroscience 45 Annual Meeting | Chicago | 2015
- Poster Presentation at the National Cognitive Science Conference | San Diego | 2016
- Poster Presentation at the Bioengineering Lab Expo | San Diego | 2016
- Oral presentation at the Salk Education outreach "Career in Science" panel | San Diego | 2015
- Oral Presentation at the 28th Annual UCSD Undergraduate Research Conference | 2015

Publications

- Prior, M., Goldberg J., Chandramouli, C., Farrokhi, C., Kopynets, M., Roberts, A., Schubert, D., *Selecting for Neurogenic Potential as an Alternative for Alzheimer's Drug Discovery,* Alzheimer's & Dementia 2016 (1-9). Web. http://www.alzheimersanddementia.com/article/S1552-5260(16)30117-0/abstract.

Leadership Skills

- D&P Bioinnovations | Operations Director | 2015-Present
- D&P Bioinnovations | Presenter at the Global TiEcon 2016 Conference | May 2016
- D&P Bioinnovations | Presenter at the Draper Demo Day | September 2016
- Foundation for the International Medical Relief of Children | Vice President | 2013-2014
- BisouBisouHaiti.org | Web developer/ *Anatomy & Nutrition* course instructor | Summer 2015
- Global Studies Club | President | Berkeley City College | 2011-2012
- FULBRIGHT Scholars Orientation Coordinator | Berkeley City College-UC Berkeley | 2012
- Bartók Béla Music School | Applied Music Specialty Degree: Piano & Violin | 1995-2002

From: Ukraine

Resident: San Diego

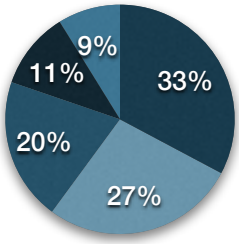
Languages

- English,
- Russian,
- Ukrainian,
- Hungarian,
- Polish,
- learning French

Software Skills

Neurons in Action, PsychoPy

Other Skills



- Analytical Thinking
- Curiosity
- Innovativeness
- Efficiency & Rationality
- Flexibility