

Eva Vasiljevic

Curriculum vitae

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Madison, WI 53703

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EDUCATION

Ph.D. Population Health **University of Wisconsin, Madison**
Expected 2021 **Department of Population Health Sciences**
Advisor: Corinne Engelman, Ph.D.

Master of Public Affairs **University of Wisconsin, Madison**
Expected 2019 **Robert M. La Follette School of Public Affairs**

B.A. **University of Wisconsin, Madison**
2009 Majors: Biology and French
Certificate: Global Cultures

PROFESSIONAL APPOINTMENTS

NIA Pre-Doctoral **University of Wisconsin, Madison**
Trainee **Center for Demography of Health and Aging**
2016 - Present National Institute on Aging Training Grant (Population, Life Course
and Aging): T32 AG00129

RESEARCH POSITIONS

Project Assistant **University of Wisconsin, Madison**
2015 - 2016 **Department of Population Health Sciences**
Nature of work: Genetic and environmental architecture of Vitamin D
deficiency
Mentor: Corinne Engelman, Ph.D.

Project Assistant **University of Wisconsin, Madison**
2015 - 2016 **Department of Pediatrics**
Nature of work: Carrier frequency and incidence of Zellweger Spectrum
Disorder
Mentor: Mei Baker, M.D., Ph.D.

Research Specialist
2013 - 2015

University of Wisconsin – Madison
Department of Ophthalmology and Visual Sciences
Department of Genetics

Nature of Work: Genetic basis of retinal and neural degeneration in *D. melanogaster*, phototransduction, protein synthesis and trafficking
Mentor: Nansi Jo Colley, Ph.D.

Associate Research Specialist
2009 - 2013

University of Wisconsin – Madison
Department of Ophthalmology and Visual Sciences
Department of Genetics

Nature of Work: Genetic basis of retinal and neural degeneration in *D. melanogaster*, phototransduction, protein synthesis and trafficking
Mentor: Nansi Jo Colley, Ph.D.

PUBLICATIONS

Vasiljevic E, Ye Z, Pavelec DM, Darst BF, Engelman CD, Baker MW. Carrier frequency estimation of Zellweger Spectrum Disorder using ExAC database and bioinformatics tools. (Submitted to *Genetics in Medicine*)

Engelman CD, Darst BF, Bilgel M, **Vasiljevic E**, Kosciuk RL, Jedynak BM, Johnson SC. The effect of rare variants in TREM2 and PLD3 on longitudinal cognitive function in the Wisconsin Registry for Alzheimer's Prevention. *Neurobiol. Aging*. 2017 Dec; <https://doi.org/10.1016/j.neurobiolaging.2017.12.025>

Rosenbaum EE, **Vasiljevic E**, Cleland SC, Flores C, Colley NJ. The Gos28 SNARE mediates intra-Golgi transport of rhodopsin and is required for photoreceptor survival. *J. Biol. Chem.* 2014 Nov; 289(47):32392-409.

Rosenbaum EE, **Vasiljevic E**, Brehm KS, Colley NJ. Mutations in four glycosyl hydrolases reveal a highly coordinated pathway for rhodopsin biosynthesis and N-glycan trimming in *Drosophila melanogaster*. *PLoS Genet.* 2014 May; 10(5), e1004349.

Rosenbaum EE, Brehm KS, **Vasiljevic E**, Gajeski A, Colley NJ. *Drosophila* GPI-mannosyltransferase 2 is required for GPI anchor attachment and surface expression of chaoptin. *Vis Neurosci.* 2012 May; 29(3):143-56.

Rosenbaum EE, Brehm KS, **Vasiljevic E**, Liu CH, Hardie RC, Colley NJ. XPORT-dependent transport of TRP and rhodopsin. *Neuron.* 2011 Nov; 72(4):602-15.

PRESENTATIONS

Vasiljevic E, Ye Z, Darst BF, Engelman CD, Baker MW. Carrier frequency estimation of Zellweger Spectrum Disorder using ExAC database and bioinformatics tools. *Global Foundation for Peroxisomal Disorders Scientific Conference*. Washington, D.C. July 13 - 14, 2017. (Poster)

Vasiljevic E, Ye Z, Darst BF, Engelman CD, Baker MW. Carrier frequency estimation of Zellweger Spectrum Disorder using ExAC database and bioinformatics tools. *United Leukodystrophy Foundation Scientific Symposium*. Minneapolis, MN. July 27 - 28, 2017. (**Invited speaker**).

AWARDS

2016	T32 Grant, National Institute on Aging, National Institutes of Health
2015	Outstanding New Student Scholarship
2006	Germaine E. Mercier Scholarship
2006	Laurent Karim Makward Scholarship
2006	Study Abroad Alumni Award
	William F. Vilas Grant
	National SMART Grant

WORKSHOPS OR SHORT COURSES ATTENDED

2018	Software Carpentry University of Wisconsin, Madison Topics: Bash programming, Python programming, Git version control
2017	Advanced Psychometrics Methods Workshop University of California, Davis Theme: Genetics of Cognitive Aging Friday Harbor, Washington
2017	Introduction to Next-Generation Sequencing Data Analysis Biotechnology Center, University of Wisconsin, Madison
2017	Linux Basics for Next-Generation Sequencing Data Analysis Biotechnology Center, University of Wisconsin, Madison

MEMBERSHIP

2015 - Present	Catalysts for Science Policy Student Organization University of Wisconsin, Madison
2014 - Present	The McPherson Eye Research Institute University of Wisconsin, Madison

ACADEMIC SERVICE

Student Representative 2017 – Present	Curriculum Committee Department of Population Health Sciences University of Wisconsin, Madison
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Student Representative
2016 - 2017
Population Health Steering Committee
Department of Population Health Sciences
University of Wisconsin, Madison

Planning Committee Member
2015 – 2016
Prospective Student Welcome Day
Department of Population Health Sciences
University of Wisconsin, Madison

SKILLS

Programming Languages R, Bash, Beginner level Java, Beginner level Python
Software SAS, PLINK, GCTA, ANNOVAR, Cranefoot, PRSice
Languages French, Serbo-Croatian
Laboratory Immunocytochemistry, Electron Microscopy, Confocal Microscopy, Light and Phase-Contrast Microscopy, Western Blotting