Chris J. Dallmann

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Research Interests	Motor control, proprioception, descending pathways, *Drosophila*
Education	**PhD Neuroscience** (summa cum laude), 01/2019 Bielefeld University, Bielefeld, Germany **MSc Neurobiology and Behavior**, 10/2013 Bielefeld University, Bielefeld, Germany **BSc Biomimetics**, 02/2011 University of Applied Sciences Bremen, Bremen, Germany
Employment and Research Experience	**University of Würzburg**, Würzburg, Germany Postdoctoral fellow, Advisor J. M. Ache, 05/2023–Present **University of Washington**, Seattle, WA Postdoctoral fellow, Advisor J. C. Tuthill, 04/2018–04/2023 **Bielefeld University**, Bielefeld, Germany Graduate researcher, Advisor J. Schmitz, 11/2013–03/2018 Research assistant, Advisor M. O. Ernst, 07–09/2013 Research assistant, Advisor J. Schmitz, 10/2012–04/2013 **University of California at Berkeley**, Berkeley, CA Visiting Student Researcher, Advisor R. J. Full, 07–09/2012 and 10/2009–03/2010 **University of Applied Sciences Bremen**, Bremen, Germany Research assistant, Advisor A. B. Kesel, 03–09/2011
Fellowships and Awards	Marie Sklodowska-Curie Postdoctoral Fellowship, 2023–2025 German Research Foundation Postdoctoral Fellowship, 2020–2022 Raymond and Beverly Sackler Postdoctoral Scholarship, 2018–2020 Best Talk Award, Arthropod Neuroscience Network Meeting, 2016 German National Scholarship, 2013 PROMOS Travel Scholarship, 2012
Publications	18 peer-reviewed publications 1 manuscript in review, 1 manuscript in preparation >680 citations, h-index = 14 [Google Scholar] [ORCID 0000-0002-4944-920X]

Selected Publications	**Dallmann CJ**, Luo Y, Agrawal S, Mamiya A, Chou GM, Cook A, Sustar A, Brunton BW, Tuthill JC (2025). Selective presynaptic inhibition of leg proprioception in behaving *Drosophila*. Nature 647, 445-453.
	Dallmann CJ*, Karashchuk P*, Brunton BW, Tuthill JC (2021). A leg to stand on: computational models of proprioception. Curr. Opin. Physiol. 22, 100426. *Co-first authors.
	Dallmann CJ, Hoinville T, Dürr V, Schmitz J (2017). A load-based mechanism for inter-leg coordination in insects. Proc. R. Soc. B 284, 20171755.
Invited Talks	International Congress for Neuroethology, 07/2026 University of Cologne, Seminars in Neuroscience, 11/2024 Arthropod Neuroscience Network, 01/2024 Society for Integrative and Comparative Biology Annual Meeting, 01/2023 University of Würzburg, Würzburg Insect Research Colloquium, 07/2022
Selected Conferences	Computing Cords, Janelia Research Campus, Ashburn, VA, 10/2025, Talk Circuits for Movement, Rungset Kyst, Denmark, 06/2024, Talk Society for Neuroscience Annual Meeting, Washington, D.C., 11/2023, Poster Motor Control: Spinal Circuits and Beyond, St. Andrews, UK, 06/2023, Talk
Mentoring	Currently co-supervising 1 PhD thesis and two MSc theses
	Previously co-supervised 1 PhD thesis, 2 MSc theses, 2 BSc theses, 3 rotation students; supervised 1 research assistant
Teaching	**Guest lecture** on neural control of movement, MSc course “Neurogenetics of Behavior”, University of Würzburg, Fall 2025
	Guest lecture on connectomics, BSc course “Neurobiology”, University of Würzburg, Fall 2023/2025
	Guest lecture on proprioception, BSc course “Neurobiology”, University of Washington, Fall 2021
	Teaching Assistant, MSc courses “Control of Behavior” and “Behavior/ Neural Mechanisms”, Bielefeld University, Fall 2014/2015/2016
	Teaching Assistant, BSc courses “Locomotion” and “Marine Biology Field Trip”, University of Applied Sciences Bremen, Spring 2011
Professional Development	Leadership Certificate, University of Würzburg
Service	Reviewing: Curr. Biol., Curr. Opin. Neurobiol., J. Exp. Biol., J. Neurophysiol., Bioinspir. Biomim., Sci. Rep., COSYNE
	Meeting organization: NeuroDoWo 2016
Recent Outreach	Public talk with Q&A, Unibund Würzburg, 11/2024 Public talk with Q&A, Brain Awareness Week, Würzburg, 03/2024