Annie G. West, PhD – 1 Page

Professional experience

Marie Curie Postdoctoral Research Fellow *University of Edinburgh, Scotland* 03/02/2025-present

Research Fellow *Genomics Aotearoa | University of Auckland, New Zealand* 14/02/2022-29/11/2024

Research Assistant *University of Otago, New Zealand* 11/10/2021-10/12/2021

Certifications: Carpentries Instructor Training 2022

Education

PhD Microbial Ecology *School of Biological Sciences, University of Auckland, NZ* 2017-2022

MSc First Class *School of Biological Sciences, University of Waikato, NZ* 2015-2017

BSc Biological Sciences *School of Biological Sciences, University of Waikato, NZ* 2012-2014

Fellowship awards

MSCA European Postdoctoral Fellowship (2023 funding call)

Relevant publications [ORCID iD: 0000-0002-2252-3828]

1. **West, A.G.**, Ayriss, N., Hoggard, M., Digby, A., Eason, D., Uddstrom, L., Chatterton, J., Kākāpō Recovery Team, Handley, K.M., Urban, L. & Taylor, M.W. (2025). Elusive aetiology of exudative cloacitis in the critically endangered kākāpō. *New Zealand Journal of Zoology, 52*(2). doi: 10.1080/03014223.2024.2427719
2. **West, A.G**., Digby, A., Santure, A.W., Guhlin, J.G., Dearden, P., Kākāpō Recovery Team, Taylor, M.W. & Urban, L. (2023). Capturing species-wide diversity of the gut microbiota and its relationship with genomic variation in the critically endangered kākāpō. *Molecular Ecology*, *32*(15), 4224-4241. doi:10.1111/mec.16999
3. **West, A.G.**, Digby, A., Kākāpō Recovery Team, Kākāpō Aspergillosis Research Consortium & Taylor, M.W. (2023). The mycobiota of faeces from the critically endangered kākāpō and associated nest litter. *New Zealand Journal of Zoology*, 1-22. doi:10.1080/03014223.2023.2170428
4. **West, A.G.**, Digby, A., Lear, G., Kākāpō Recovery Team, Kākāpō Aspergillosis Research Consortium & Taylor, M.W. (2022). Influence of management practice on the microbiota of a critically endangered species: a longitudinal study of kākāpō chick faeces and associated nest litter. *Animal microbiome*, *4*(1), 55. doi:10.1186/s42523-022-00204-w
5. **West, A.G.**, DeLaunay, A., Marsh, P., Perry, E.K., Jolly, M., Gartrell, B.D., Digby, A. & Taylor, M.W. (2022). Gut microbiota of the threatened takahē: biogeographic patterns and conservation implications. *Animal microbiome*, *4*(1), 11. doi:10.1186/s42523-021-00158-5
6. **West, A.G.**, Waite, D.W., Deines, P., Bourne, D.G., Digby, A., McKenzie, V.J. & Taylor, M.W. (2019). The microbiome in threatened species conservation. *Biological Conservation*, *229*, 85-98. doi:10.1016/j.biocon.2018.11.016

Funding and awards 20 in total worth >$400k, curated selection below

UoA School of Biological Sciences Early Career Researcher Award 2023

Genomics Aotearoa Grant (RF) - Environmental Microbiomes: Viruses and Prokaryotes [$352,082] 2023

Kate Edger Educational Charitable Trust Dame Dorothy Winstone Doctoral Award [$16,000] 2020

Todd Foundation Award for Excellence [$12,000] 2018

Graduate Women New Zealand Postgraduate Fellowship [$10,000] 2017

Professional engagement

New Zealand Microbiological Society **Executive Committee Member** 2022-2024

UoA Faculty of Science Research Fellow **Committee Member (Co-Chair)** 2022-2024

UoA SBS **Research Committee** – Communications Portfolio 2022-2024

Co-convenor of the **Genomics Aotearoa Postdoc and Affiliates Group** 2022-2024

Teaching and supervision

I have been involved in lecturing and tutoring in the following courses/workshops (primarily based at The University of Auckland): National Annual Metagenomics Summer School Workshop (co-convenor); lecturer for BIOSCI701 (MSc course in Computational Genomics); instructed numerous Data Carpentries courses; presented several invited guest lectures in Molecular and Microbial Ecology.
Co-Supervised: 2 MSc students, 1 Fulbright Research student, 1 Honours student.
Mentored: 2 PhD students and 3 MSc students.