

# Russell Dinnage

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Research Fellow

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## Some stuff about me

- I poisoned myself doing research.
- I was the first woman to win a Nobel prize
- I was the first person and only woman to win a Nobel prize in two different sciences.

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## Education

1889-91 **Informal studies**, *Flying University*, Warsaw, Poland.

1893 **Master of Physics**, *Sorbonne Université*, Paris, France.

1894 **Master of Mathematics**, *Sorbonne Université*, Paris, France.

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## Nobel Prizes

1903 Nobel Prize in Physics. Awarded for her work on radioactivity with Pierre Curie and Henri Becquerel







1911 Nobel Prize in Chemistry. Awarded for the discovery of radium and polonium

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## Publications

1. Bromham, L., Skeels, A., Schneemann, H., Dinnage, R., & Hua, X. (2021). There is little evidence that spicy food in hot countries is an adaptation to reducing infection risk. *Nature Human Behaviour*.
2. Warren, D., Matzke, N., Cardillo, M., Baumgartner, J., Beaumont, L., Turelli, M., Glor, R., Huron, N., SimNANANANAes, M., Iglesias, T., Piquet, J., & Dinna, R. (2021). ENMTools 1.0: An r package for comparative ecological biogeography. *Ecography*.
3. Ritchie, A., Hua, X., Cardillo, M., Yaxley, K., Dinnage, R., & Bromham, L. (2021). Phylogenetic diversity metrics from molecular phylogenies: Modelling expected degree of error under realistic rate variation. *Diversity and Distributions*.
4. Li, D., Dinnage, R., Nell, L., Helmus, M., & Ives, A. (2020). Phyr: An r package for phylogenetic species-distribution modelling in ecological communities. *Methods in Ecology and Evolution*.
5. Dinnage, R., Skeels, A., & Cardillo, M. (2020). Spatiophylogenetic modelling of extinction risk reveals evolutionary distinctiveness and brief flowering period as threats in a hotspot plant genus. *Proceedings of the Royal Society B*.
6. Dinnage, R., Simonsen, A., Barrett, L., Cardillo, M., RaisbeckNANABrown, N., Thrall, P.,

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- & Probe, S. (2019). Larger plants promote a greater diversity of symbiotic nitrogen-fixing soil bacteria associated with an Australian endemic legume. *Journal of Ecology*.
7. Warren, D., Matzke, N., Cardillo, M., Baumgartner, J., Beaumont, L., Huron, N., Sim-NANANANAes, M., & Dinna, R. (2019). ENMTools (software package). URL: <https://Github.Com/Danlwarren/ENMTools>. Doi.
  8. Cardillo, M., Dinnage, R., & McAlister, W. (2019). The relationship between environmental niche breadth and geographic range size across plant species. *Journal of Biogeography*.
  9. Warren, D., Beaumont, L., Dinnage, R., & Baumgartner, J. (2019). New methods for measuring enm breadth and overlap in environmental space. *Ecography*.
  10. Simonsen, A., Dinnage, R., Barrett, L., Prober, S., & Thrall, P. (2017). Symbiosis limits establishment of legumes outside their native range at a global scale. *Nature Communications*.
  11. Cadotte, M., Livingstone, S., Yasui, S., Dinnage, R., Li, N., Marushia, R., Santangelo, J., & S, W. (2017). Explaining ecosystem multifunction with evolutionary models. *Ecology*.
  12. Bromham, L., Dinnage, R., & Hua, X. (2016). Interdisciplinary research has consistently lower funding success. *Nature*.
  13. Dinnage, R. (2013). Phylogenetic diversity of plants alters the effect of species richness on invertebrate herbivory. *PeerJ*.
  14. Cadotte, M., Dinnage, R., & Tilman, G. (2012). Phylogenetic diversity promotes ecosystem stability. *Ecology*.
  15. Dinnage, R., Cadotte, M., Haddad, N., Crutsinger, G., & Tilman, D. (2012). Diversity of plant evolutionary lineages promotes arthropod diversity. *Ecology Letters*.
  16. Dinnage, R. (2009). Disturbance alters the phylogenetic composition and structure of plant communities in an old field system. *PLoS One*.
  17. Johnson, M., Dinnage, R., Zhou, A., & Hunter, M. (2008). Environmental variation has stronger effects than plant genotype on competition among plant species. *Journal of Ecology*.
  18. Abrams, P., Rueffler, C., & Dinnage, R. (2008). Competition-similarity relationships and the nonlinearity of competitive effects in consumer-resource systems. *The American Naturalist*.