

# Stanford

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## Hanon Mcshea

Ph.D. Student in Earth System Science, admitted Autumn 2018

### Publications

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#### PUBLICATIONS

- **The effectiveness of selection in a species affects the direction of amino acid frequency evolution.** *bioRxiv : the preprint server for biology*  
McShea, H., Weibel, C., Wehbi, S., Goodman, P., James, J. E., Wheeler, A. L., Masel, J.  
2024
- **The protein domains of vertebrate species in which selection is more effective have greater intrinsic structural disorder.** *bioRxiv : the preprint server for biology*  
Weibel, C. A., Wheeler, A. L., James, J. E., Willis, S. M., McShea, H., Masel, J.  
2024
- **nQMaker: estimating time non-reversible amino acid substitution models.** *Systematic biology*  
Dang, C. C., Minh, B. Q., McShea, H., Masel, J., James, J. E., Vinh, L. S., Lanfear, R.  
2022
- **Reconstructing the evolutionary history of nitrogenases: Evidence for ancestral molybdenum-cofactor utilization.** *Geobiology*  
Garcia, A. K., McShea, H., Kolaczowski, B., Kacar, B.  
2020