Projects

# Papers

1. Pacheco, J. M., Santos, F. C., Souza, M. O., & Skyrms, B. (2009). Evolutionary dynamics of collective action in N-person stag hunt dilemmas. *Proceedings of the Royal Society B: Biological Sciences*, *276*(1655), 315-321.
2. Santos, F. C., & Pacheco, J. M. (2011). Risk of collective failure provides an escape from the tragedy of the commons. *Proceedings of the National Academy of Sciences*, *108*(26), 10421-10425.
3. Vasconcelos, V. V., Santos, F. C., Pacheco, J. M., & Levin, S. A. (2014). Climate policies under wealth inequality. *Proceedings of the National Academy of Sciences*, *111*(6), 2212-2216.
4. Hilbe, C., Šimsa, Š., Chatterjee, K., & Nowak, M. A. (2018). Evolution of cooperation in stochastic games. *Nature*, *559*(7713), 246-249.
5. Weitz, J. S., Eksin, C., Paarporn, K., Brown, S. P., & Ratcliff, W. C. (2016). An oscillating tragedy of the commons in replicator dynamics with game-environment feedback. *Proceedings of the National Academy of Sciences*, *113*(47), E7518-E7525.
6. Santos, F. C., Pacheco, J. M., & Lenaerts, T. (2006). Evolutionary dynamics of social dilemmas in structured heterogeneous populations. *Proceedings of the National Academy of Sciences*, *103*(9), 3490-3494.

Interesting but more difficult & time extensive:

1. Pacheco, J. M., Santos, F. C., & Chalub, F. A. C. (2006). Stern-judging: A simple, successful norm which promotes cooperation under indirect reciprocity. *PLoS computational biology*, *2*(12), e178.
2. van den Berg, P., & Wenseleers, T. (2018). Uncertainty about social interactions leads to the evolution of social heuristics. *Nature Communications*, *9*(1), 2151.

# Ideas