

NIMBioS Investigative Workshop – Evolution and Warfare Schedule

Wednesday, 16 September

- 9:00 Introductions
- 9:15 Richard Wrangham “Evolutionary approaches to understanding decentralized warfare: some kick-off points from a primatological perspective” (review talk)
- 9:50 Sergey Gavrilets “Models of between-group conflicts in evolutionary biology” (review talk)
- 10:25 Break
- 11:00 Roman Sheremeta “Behavior in group contests: A review of experimental research” (review talk)
- 11:35 Neil Johnson “Trenches to terminals: Generative models of decentralized physical and cyber warfare” (review talk)
- 12:10 General discussion
- 12:30 Lunch
- 14:00 Kim Hill “Conspecific violent death in Ache and Hiwi hunter-gatherers”
- 14:25 Rob Walker “Body counts in lowland South American violence”
- 14:50 Mark Allen “Was there warfare before the Holocene?”
- 15:15 Break
- 15:45 Lance R. Blyth “Usable violence’: A historian’s view of evolution and warfare”
- Lightning Talks:*
- 16:10 Kristy Crouse “Exploring the relationship between territory size and mortality from intergroup aggression: An agent-based model”
- 16:15 Elizabeth Hobson “Dynamics of aggression provide insight into social cognition”
- 16:20 Ben Johannes “Ritual modes and resource extraction in warfare”
- 16:25 Matthew Zimmerman “Group-structured cultural selection is necessary to explain human warfare”
- 16:30 Joanna J. Bryson “Cooperation and competition in contemporary populations, an evolutionary explanation”
- 16:35 Hannes Rusch “Insights from the study of war hero biographies”
- 16:40 General discussion
- 17:30 Reception

Thursday 17 September

- 9:00 Rose McDermott “Individual differences in physical aggression and its influence on foreign policy and moral decision making”
- 9:25 Dominic Johnson “The evolution of strategy: Adaptive advantages of psychological biases in war”
- 9:50 Mike Mesterton-Gibbons “Models of winner and loser effects”
- 10:15 Break

10:45 Michael McCullough "Do disinterested third parties really punish norm violators? A new look at an old question"

11:10 Polly Wiessner "Reducing the costs of collection action: A case study from the Enga of Papua New Guinea"

11:35 Mikael Puurtinen "Collective action experiments in group-structured populations"

12:00 General discussion

12:30 Lunch

14:00 Vera Mironova "Grievances in civil war participation: Micro-level evidence from Syria"

14:25 Barbara Walter "Why rebel groups sometimes cooperate and fight during civil wars"

14:50 Aaron Clauset "The developmental dynamics of terrorist organizations"

15:15 Break

15:45 Anthony Lopez "Immaterial causes of war: A taste for revenge?"

Lightning Talks:

16:10 Tassie Katherine Hirschfeld "Unlocking warlord source code: Can behavioral ecology predict the evolution of violent conflict among non-state actors?"

16:15 Marika Landau-Wells "Threat perception as a cause of war"

16:20 Sarah Usher "Political transformation and the misconception of stability"

16:25 Robert Böhm "The psychology of participating in violent intergroup conflict"

16:30 Valerio Capraro "Social setting, intuition, and experience in lab experiments interact to shape cooperative decision-making"

16:35 David Pietraszewski "A grammar of coalitional violence: Cognitive adaptations for representing social contingency"

16:40-17:30 General discussion

Friday 18 September

9:00-9:25 Jim Sidanius "The theory of gendered prejudice and intergroup-conflict: An evolutionary and social dominance perspective"

9:25-9:50 Naficy Siamak "Siding with the Egg"

9:50-10:15 Erica Chenoweth "Government crackdowns, mass killings, and the trajectories of violent and nonviolent uprisings"

10:15-10:45 break

10:45-11:10 Anna Simons "The projection of menace among 'elite' males"

11:10-11:35 Michael Wilson "Warlike cousins: Intergroup aggression in chimpanzees"

11:35-12:00 Luke Glowacki "The role of inter-individual differences and social network structure in the emergence of collective violence"

12:00-12:30 Final discussion

12:30-2:00 Lunch