

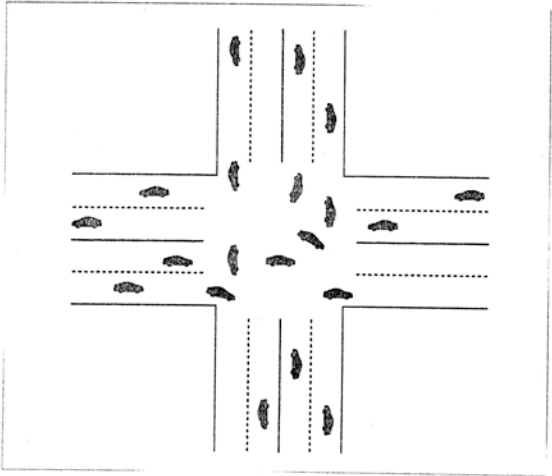
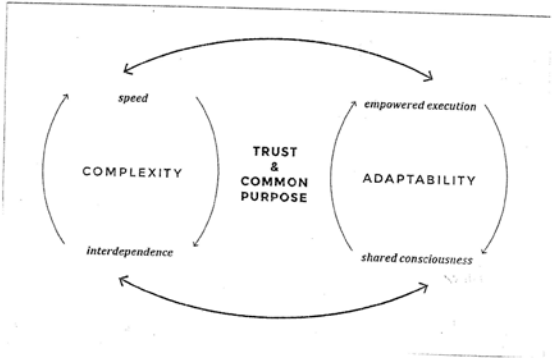
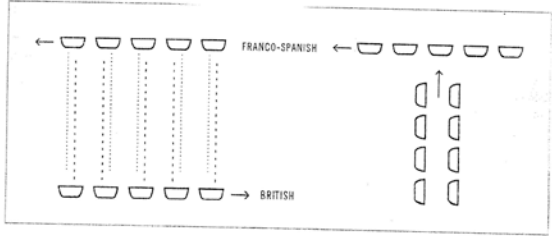
Salzburg Global Seminar Session 547  
SELECTED NEUROSCIENCE AND ART  
COLLABORATIONS  
(completed or in-progress)

- Wendy Sternberg and Nigel Osborne: music and peacebuilding
  - Wendy has directed peacebuilding work through arts-integrated education and humanitarian initiatives worldwide. Her group, Saffron Caravan, unites professional musicians from Iran, Afghanistan, Cuba, Morocco, Israel, India, and the United States for cross-cultural collaboration, performance and educational programs.
  - Nigel chairs the World Economic Forum on Culture. His musical compositions have been performed by the world’s leading orchestras and ensembles.
  - Wendy and Nigel have collaborated on events combining music and peacebuilding.
- Pireeni Sundaralingam and Bruce Adolphe: song cycle and/or opera
  - Pireeni is a poet, cognitive scientist and playwright. She has held national fellowships in both cognitive science and poetry. Her most recent play explores the Sri Lankan genocide.
  - Bruce is a composer, educator, performer and author whose music is performed worldwide. Bruce co-founded The Learning Maestros, a company dedicated to creating new works and related curricula that integrate music with other disciplines, including music, education, history and issues of social conscience.
  - Bruce and Pireeni are working on musical compositions that incorporate Pireeni’s texts (poetry and play) on the Sri Lankan genocide.

- Pireeni and Paul Sowden: research study of impact of art-science collaboration
  - Paul Sowden directs ILLUME, the Creativity Research Centre at Surrey University. His research has used a wide range of qualitative and quantitative measures. One of his interests is how creativity research can enhance creativity.
- Pireeni and Julie Bernstein: radio show on poetry, creativity and constraints
  - Julie Bernstein is a radio personality and author of books on creativity
  - Pireeni and Julie will explore the role of constraints (limitations of form and substance) on creativity.
- Patricia Leavy, Wendy and Pireeni: Oxford Handbook on Public Research Methods, ed. by Patricia with chapters by Wendy and Pireeni
  - Patricia has pioneered the use of Arts-Based Research (ABR) which investigates activities artistic activity by evaluating its therapeutic impact, how it affects people. She has advocated for qualitative research on the impact of the arts on psychology and well-being.
- Pireeni and Anna Abraham: research study on poets, imagination and cognition
  - Anna Abraham is a neuroscientist specializing on creativity and the brain. She has investigated divergent thinking, mental time travel, mental state reasoning, self-referential thought and the reality-fiction distinction. Her book on the Neuroscience of Creativity will be published by Cambridge University Press.
  - Anna and Pireeni are working on the cognitive neuroscience of poetry, and how it relates to what we know about in imagination and cognition.

- Kal (Kevin) Kallaugher and Bruce Adolphe: tunes and ‘toons
  - Kal is a world-renowned political cartoonist.
  - In their joint performances, Kal and Bruce have explored cross-modal improvisation, cartoons and musical improvisation
- Rebecca Kamen and Steven Fowler: poetry, visual art, neuroscience
  - Rebecca is a sculptor and lecturer on the interaction of art (particularly sculpture) and science. Her focus is on the observer of art and music, and the impact of artistic experience on the observer. (Compare Patricia’s work on Arts Based Research.)
- Steven Fowler, Noah Hutton, Ben Ehrlich, Malinda McPherson: poetry, arts, music, neuroscience
  - Steven is an avant-garde poet and artist working across poetry, fiction, music, visual art, installation and performance. His work explores physicality (embodiment), psychology and trauma.
  - Noah is a filmmaker and founder of The Beautiful Brain. He has curated and participated in numerous exhibitions and symposia around the world focusing on the brain and using filmmaking and other arts to explore it.
  - Ben is a writer and a contribution to The Beautiful Brain and a participating member of Neu Write, a collaborative working group for scientists and writers at Columbia University.
  - Malinda McPherson is a musician and neuroscientist who has focused on music and emotion.

- Paul Sowden and Mariale Hardiman: arts, education and neuroscience
  - Mariale, Vice Dean of the Johns Hopkins School of Education, directs its Neuro-Education Initiative, a cross-disciplinary program that brings research from neuroscience to educational programs.
- Anna Abraham and Harry Ballan: papers on music and multimodal imagery; music and time
- Pireeni and Harry: research on music and attentional systems
- Ben Folds and Harry: American Foundation for Arts and Science in Nashville – involves Vanderbilt University, music industry, healthcare industry
- Joan Koenig and Harry: book on music, language and early childhood education
  - Joan is the founder of a private music conservatory in Paris. The conservatory has acted as a laboratory for innovative learning and cultural entrepreneurship partnership for almost 30 years.



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