Research:
“Improving the Patient Experience in Breast Cancer Diagnostic Procedures: Defining Opportunities for Design Intervention”

Charlotte Lux
M.A. in industrial design

Einstein published a paper in 1935 in which he critiqued quantum theory, saying that it was an incomplete description of physical reality. His criticism came as a great shock to physicists working in this field, including Erwin Schrödinger, Werner Heisenberg, Niels Bohr, and Max Born. In the wake of the paper, Schrödinger began correspondence (in German) with many of these physicists, including Einstein.

Much of this correspondence has remained untranslated, tucked away in various archives. Professor Bacciagaluppi and I have discovered (in the documents) a wealth of information regarding these foundational debates on what is now one of history’s most successful and most mysterious theories.

Research:
“A Summer of Quantum History and Philosophy”

Elise Crull
Ph.D. in history and philosophy of science

Crull performed research for her dissertation on quantum decoherence and the nonexistence of a classical world and for a book she’s working on with Senior Lecturer Guido Bacciagaluppi from the University of Aberdeen (Scotland) on the “Einstein Paradox” and the 1935 debate on nonlocality and incompleteness.

Research:
“War, Peace, and Religious Advocacy: The Debate Over the Iraq War”

Morrissey researches how adversaries used their religious beliefs to justify their stances on violence before the Iraq War. He interviewed people about cultural beliefs and environment, personal histories, and their positions within society to gain insight into the factors influencing their religious advocacy.

Research:
“Democracy, Conflict, and Civil Society: Examining the Microdynamics of Transitional Justice”

Laura Taylor
Ph.D. in psychology and peace studies

If we understand the processes through which political violence affects people, we can identify ways to protect them and create opportunities for them to become active members in conflict transformation and transitional justice in their own communities.

Taylor traveled to Colombia to research how and why political violence affects individuals differently and, specifically, what the relationships are between violence, mental health, civic participation, and attitudes toward transitional justice and democracy amid the ongoing violence in Colombia.

Research:
“Investigate religion’s ability to both support and criticize government plans to go to war. Religion can do either of these, and I try to figure out which aspects of religion tend to predict the position it will take on war as well as describe how it supports either viewpoint.”

Christopher Morrissey
Ph.D. in sociology

My dissertation explores the important theoretical question of religion’s ambivalence toward violence and peace, while simultaneously offering practical insights useful to those interested in working for a more peaceful world.

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