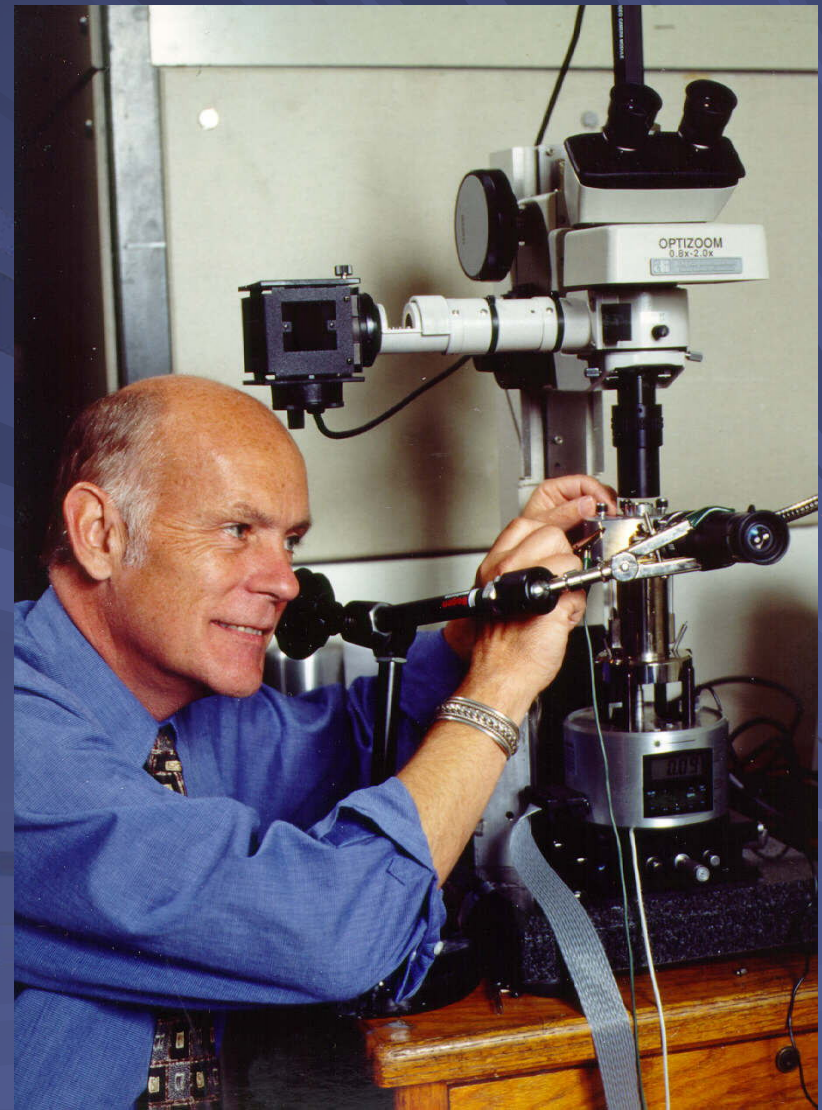


Rosalyn W. Berne
CAREER: Ethics, Meaning, and Belief
in the Development of Nanotechnology

Investigating the
interests,
fantasies,
dreams,
motivations,
and beliefs
of principal
investigators
of the nanoscale.

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Smalley.jpg



Research Goals

- Discerning how ethics are understood and incorporated into nanotechnology research and development.
- Formulating an ethical framework of analysis for nanotechnology development.
- Encouraging deliberation about ethics among researchers and their students.

Grounded Theory Methodology

Primary Sources of Data

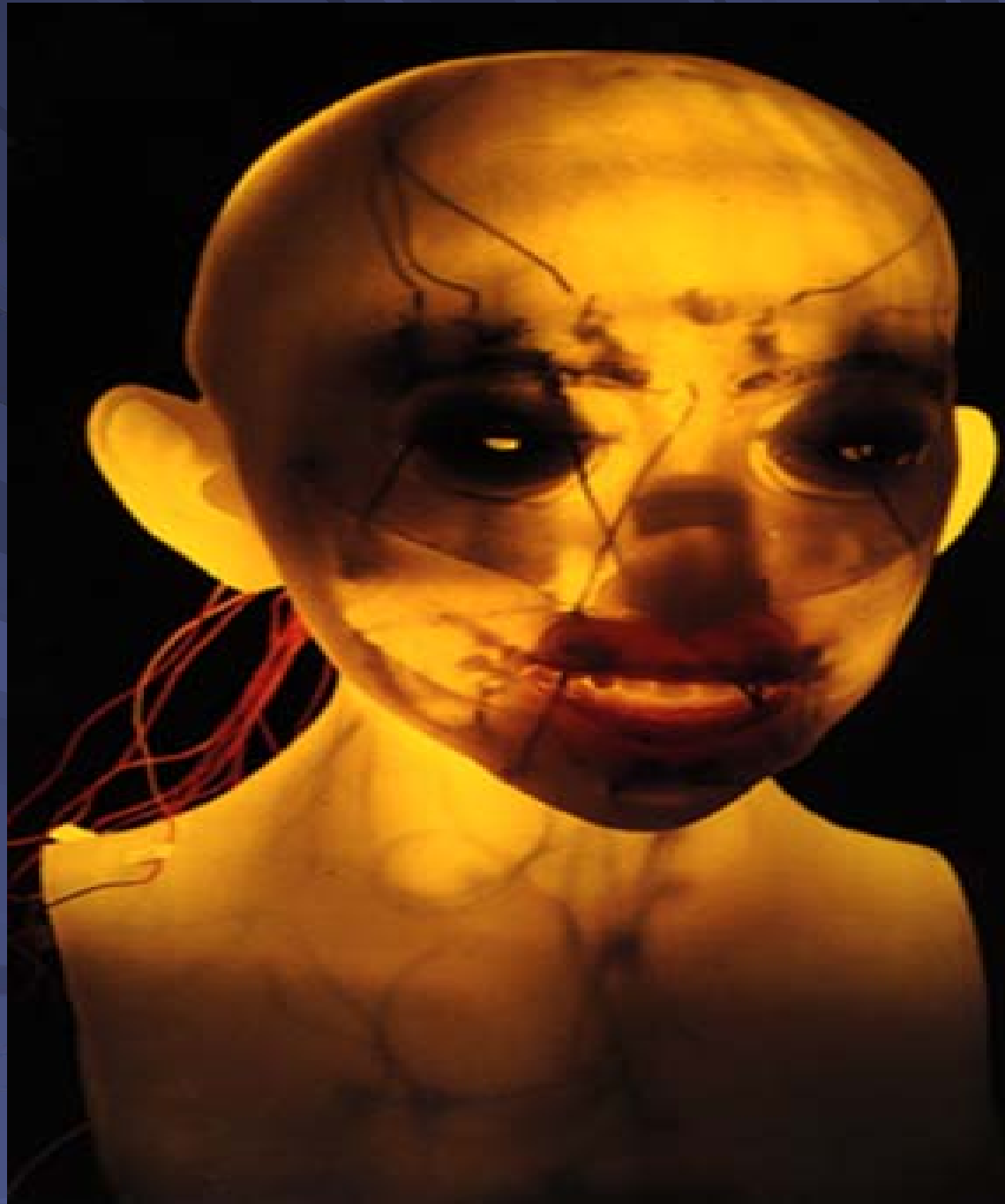
- Private, biannual conversations
- Group meetings and laboratory work
- Journal Articles
- Professional Meeting Presentations
- Fictional Short Stories

Emergent Research Question

How to actively engage
the moral
imagination in
considering the
convergence of

nano-bio-information
technologies and
cognitive sciences

towards the
conscientious pursuit
of a highly
technological future?



Nanotechnology and the Moral Imagination

Writing of Science Fiction short stories by principal investigators and their graduate students as:

- Data for analysis and study
- Resource for teaching and discourse