

Kathryn Saunders

David Wishart

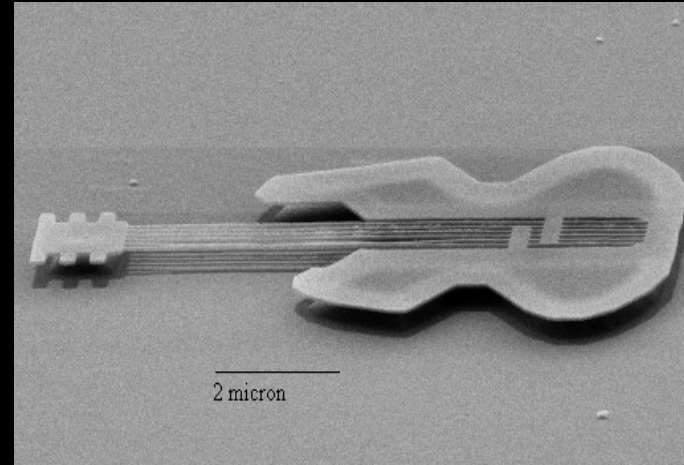
Inhabitable Skins: Nanoderm

David Wishart
*Dept. of Biological Sciences
and Dept. of Computing
Sciences
University of Alberta*

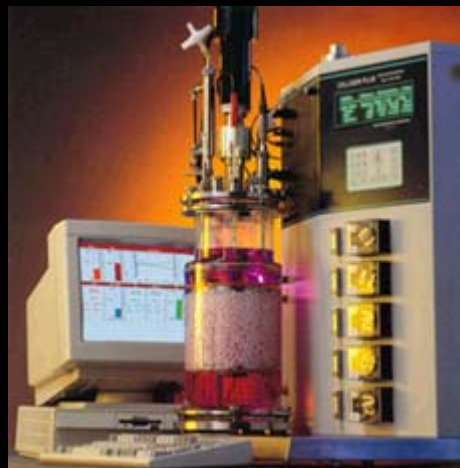


Nano and Micro Fabrication

top down:



bottom up:





nanoderm



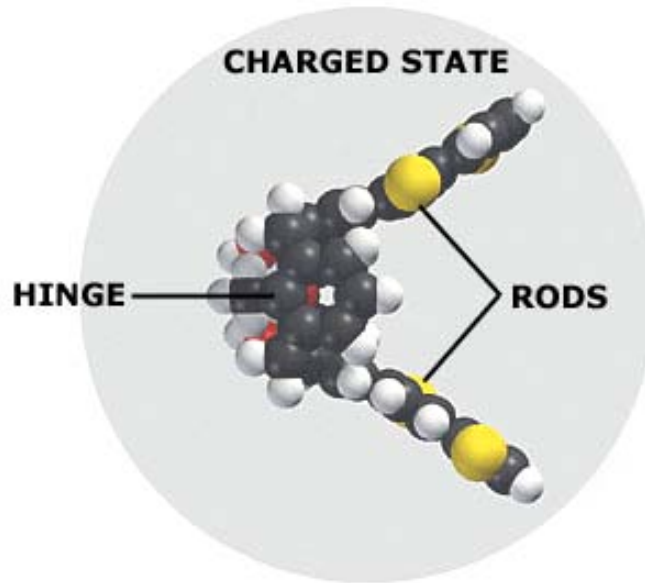
Dr. Miguel Nicolelis,
Duke University



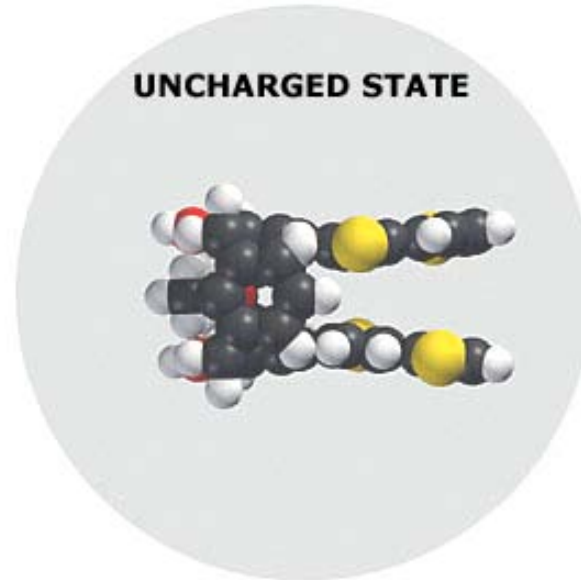


nanoderm

hinged proteins

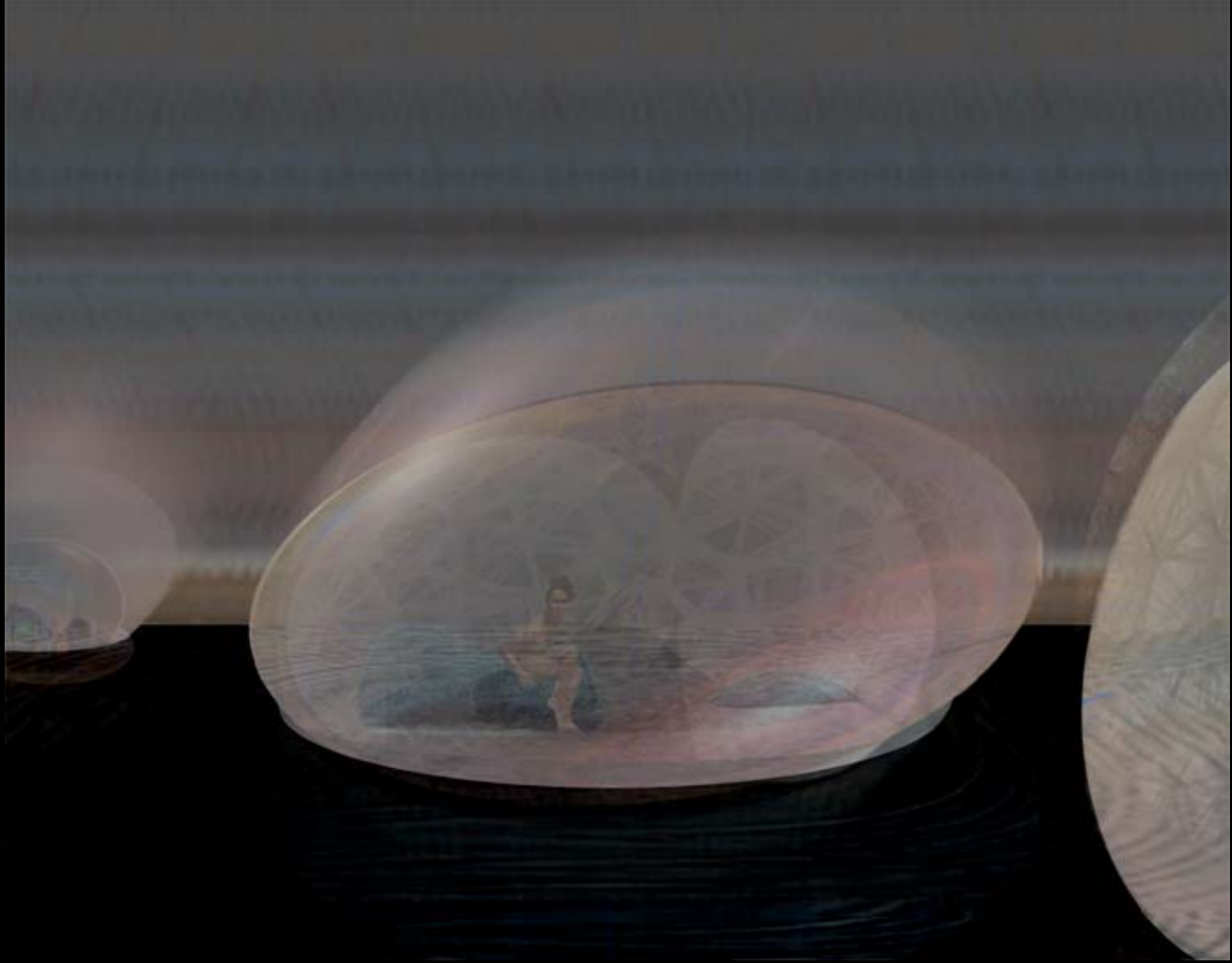


POLYMER EXPANDS



POLYMER CONTRACTS







CONSOLE

MEMORY ACTIVE

00.00.00

00.00.00

00.00.00

MEMORY ACTIVE



nanoderm



tattoos



nanofilm



hardening of film



manual interface option



dermisuit



aura



aura : engaged

