

Nanotechnology

Biotechnology

Information Technology &

Cognitive Science

Michael Strano, an associate chemical and biomolecular engineering professor who was not involved with the project, praised the group's work.

"Transfer printing is a way of making lithography much cheaper and more accessible, and they answered the question of just how small it can go," Strano said. "It's the first time individual molecules have ever been imprinted."

Rogers said the molds were so small, studying them became a problem.

"The hardest part wasn't necessarily creating the molds -- but once you do, how do you look at it to prove that you created them?" Rogers said.

To look at the patterns, the team collaborated with University experts in nanoimaging. Dow Corning, a leading silicon supplier, also assisted with and funded the project in hopes of using the technique in the future, Rogers said.

(C) 2005 Daily Illini via U-WIRE

## © 2005, YellowBrix, Inc.

HOME | ABOUT US | CONTACT US | MEDIA KIT | TERMS & CONDITIONS

CONDITIONS ©Small

©Small Times Media 2002, All Rights Reserved