NJIT TECHNOLOGY AND SOCIETY FORUM SERIES

MOLECULAR MANUFACTURING, PRODUCTIVE NANOSYSTEMS AND DIGITAL NANOMEDICINE

SPEAKER **CHRIS PHOENIX**
Director of Research,
Center for Responsible Nanotechnology

NJIT CAMPUS CENTER BALLROOM
APRIL 5, 3:00 – 4:30 P.M.

"Molecular manufacturing will be extremely powerful, but very few people know what that really means. We must understand its projected impact on politics, economics, law, sociology, and the environment." That's what Chris Phoenix, director of research at the Center for Responsible Nanotechnology, says of the imperative to develop and apply such technology in a manner that safely provides the greatest benefits for society.

At NJIT, on April 5, Phoenix will share his perspective on an especially promising and challenging aspect of nanotechnology — the relationship between digital information processing and programmable, precise, and reliable fabrication of functional molecular structures. Because medicine is one of the most complex and important applications of nanotechnology, Phoenix will focus on this field in discussing the capabilities of molecular manufacturing.

Phoenix has studied nanotechnology for more than 15 years. He obtained his BS in symbolic systems and MS in computer science from Stanford University in 1991. From 1991 to 1997, he worked as an embedded software engineer at Electronics for Imaging. In 1997, he left the software field to concentrate on dyslexia correction and research. Since 2000, he has focused exclusively on studying and writing about molecular manufacturing. Chris is a widely published author in nanotechnology and nanomedical research, and he maintains close contacts with many leading researchers in the field.

The Center for Responsible Nanotechnology (CRN) is a non-profit research and advocacy organization concerned with the major societal and environmental implications of advanced nanotechnology. CRN promotes public awareness and education, and the crafting and implementation of effective policy to maximize benefits and reduce dangers. CRN seeks to engage individuals and groups to better understand the implications of molecular manufacturing and to focus on the real risks and benefits of the technology.

For More Information: Contact Jay Kappraff, kappraff@adm.njit.edu or 973-596-3490

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NJIT welcomes attendees from Essex County College, Rutgers-Newark,
the University of Medicine and Dentistry of New Jersey and Sigma Xi