

New Jersey Inventors Hall of Fame 2011 Award Winners



Graduate Student Award

- Milan Begliarbekov..... High Frequency RLC Circuit in Graphene Nanoribbon Quantum Dots
- Komlan Egoh..... Multi-Criteria Optimization for Relaying in Multi-hop Wireless Ad Hoc and Sensor Networks
- Andrew Ihnen..... Inkjet Printing and Patterning of Explosive Materials
- Eric Stroud..... Necromes for the Control of Invasive Sea Lamprey and for Reduction of Unwanted Shark Catch in Commercial Fisheries

Research Support Related To:

Advancement of Invention Award

- Dr. Rainer Martini..... Physics/Engineering Physics and Science Integration

Research & Entrepreneurial Leadership:

Innovators Award

- Dr. Thomas Nosker..... Use of Recycled Plastics for Structural Building Forms
- Dr. Gordon Thomas..... Optics, Electronics, New Materials and Complex Recognition Spectroscopy

Innovative Research Related To:

Inventor of the Year Award

- Dr. Dorin Comaniciu..... Robust Methods in Computer Vision and Medical Imaging Analytics – US Patent #7072494
- Dr. Pal Maliga..... Genetics and Molecular Biology - Method for Stably Transforming Plastids of Multicellular Plants – US Patent #5451543
- Dr. Daniel Murnick..... Analytical Methods and Apparatus (in Detection of Carbon 14) – US Patent #7616305
- Gianluca Paladini..... A Memory Efficient Shear – Warp Voxel Projection Algorithm – US Patent #6570952
- Dr. David Seifer..... Mullerian Inhibiting Substance Levels and Ovarian Response – US Patent #72415777
- Dr. Navnit Shah..... Multiple Inventions and Innovations Enhancing the Science of Drug Delivery

Patented Technology Related To:

Inductees into the NJ Inventors Hall of Fame Award

- Arthur A. Gertzman..... Novel Formulations of Synthetic Bone Graft Materials, Malleable Paste for Filling Bone Defects
- Dr. Lynn Schneemeyer - Pioneer Status..... Discovery and Development of Novel Crystalline Materials for Optical Communications Applications
- Dr. John Siekierka..... Research and Development for Anti-Inflammatory Drug and Delivery Device

Lifetime Patent and Technology Achievement Related To:

Nobel Laureate Inductees

- Charles Pedersen..... 1987 Nobel Prize Laureate in Chemistry for Discovery of Crown Ethers
- Dr. Arno Penzias..... 1978 Nobel Prize Laureate in Physics for Discovery of Cosmic Microwave Background Radiation
- Dr. Robert Wilson..... 1978 Nobel Prize Laureate in Physics for Discovery of Cosmic Microwave Background Radiation

Trustees Award:

- Dr. Jeong Kim President and Chief Executive Officer of Bell Laboratories for optical communications achievements and for leadership in drastically reducing the amount of energy needed to communicate an intelligible signal