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## Graduate Student Awards

The Society presented Gold and Silver Graduate Student Awards at the 2007 MRS Spring Meeting to graduate students who authored or co-authored symposium papers that exemplified significant and timely research. The Graduate Student Award Finalists' Special Talk Sessions were held on Tuesday, April 10. On Wednesday evening during the Plenary Session/Award Ceremony, all finalists were presented with either Gold or Silver Awards.



### Gold Award Winners

**Yasuyuki Hikita**, University of Tokyo  
L5.6: Magnetic Field Dependence of the Schottky Barrier Height at Manganite/Titanate Heterointerfaces

**Jeffrey J. Peterson**, University of Rochester  
DD5.5: Parity-Forbidden Transitions in PbSe Nanocrystals

**Fang Qian**, Harvard University  
EE2.13/DD3.13: Multicolor Nanolasers from Individual Multi-Quantum-Well Nanowire Heterostructures

**Kevin Sivula**, University of California, Berkeley  
Z1.4: Optimizing Materials for Bulk-Heterojunction Polymer:Fullerene Photovoltaics

**Peter R. Stone**, University of California, Berkeley  
K4.6: Compositional Tuning of Ferromagnetism in  $Ga_{1-x}Mn_xP$  and  $Ga_{1-x}Mn_xP$ -Based Quaternary Alloys

### Silver Award Winners

**Mohammad Reza Abidian**, University of Michigan  
U7.2: Aligned Conducting Polymer Nanotubes for the Controlled Release of Neurotrophins and Contact Guidance of Regenerating Neurons

**Alejandro L. Briseno**, University of Washington  
N28.8: Squares, Lines, and Circles, A Soft Lithography Approach for Patterning Organic Semiconductor Transistors

**Jason D. Clapper**, The University of Iowa  
Q6.9: Structure-Property Relationships of Biomaterials Photopolymerized within Nanostructured Lyotropic Liquid Crystals

**Shadi A. Dayeh**, University of California, San Diego  
EE10.28: Field-, Diameter-, and Surface State-Dependent Transport Behavior in Semiconductor Nanowires

**Parijat P. Deb**, Purdue University  
DD13.8: Schottky, p-n Junction and Light-Emitting Diodes Employing (In,Ga)N Nanorod Heterostructures

**Suresh K. Donthu**, Northwestern University  
DD11.11: Tailoring Internal Microstructure of Functional Inorganic Nanopatterns

**Nagarajan Kalyanasundaram**, University of Illinois, Urbana-Champaign  
GG3.7: Atomistic Origins of Surface Evolution and Electronic Structure Modification Due to Ion Bombardment

**Matthew T. Lloyd**, Cornell University  
Photovoltaic Performance of Solution-Processed Oligoacene:Fullerene Bulk Heterojunctions

**Dipak Paramanik**, Institute of Physics, India  
GG4.4: Time Evolution of Nanodots Created on InP(111) Surfaces by keV Irradiation

**Manu Shamsa**, University of California, Riverside  
I15.2: Thermal Conductivity of Nanocrystalline and Microcrystalline Diamond Films, Effects of the Nitrogen Doping and Boundary Scattering

**Carey M. Tanner**, University of California, Los Angeles  
H7.9: Engineering of Epitaxial  $f\text{-}Al_2O_3$  (111) Gate Dielectrics on 4H-SiC (0001)

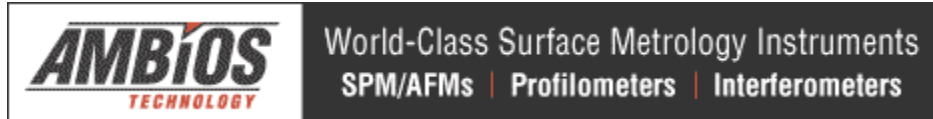
**Elon Terrell**, Carnegie Mellon University  
C6.4: An Approach to Modeling Particle-Based and Contact-Based Wear in CMP

**Evan L. Williams**, Arizona State University  
O6.46: Highly Efficient Excimer-Based Phosphorescent White Organic Light-Emitting Diodes

**Alexander D. Wissner-Gross**, Harvard University  
I11.6: Electrofreezing of Water by Ion-Modified Diamond Surfaces

**Yu Yang**, University of Illinois, Urbana-Champaign  
D3.6: Analysis and Simulation of CVD and Super-Conformal CVD on High-Aspect-Ratio Features

**Jing Zhao**, Northwestern University  
V7.8: Localized Surface Plasmon Resonance Biosensors for Substrate Binding to Cytochrome P450 Proteins



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