

NHLBI Inter-PEN Quarterly Newsletter

Bibliography by PEN of past articles

<http://www.nhlbi-pen.net/default.php?pag=news>

Spotlight On

Spring 2011

Fayad/Langer: Zahi A. Fayad (Mt. Sinai) and Robert S. Langer (MIT)

Winter 2010

Wooley: Yuefei Shen (WUSTL)

Fall 2009

Weissleder: Stanley Y. Shaw (MGH/Harvard)

Summer 2009

Wooley: Yongjian Liu (WUSM)

Spring 2009

Bao: Michael E. Davis (Emory)

Winter 2009

Smith: Hui Xie (Burnham)

December 2008

Bao: Murthy, Niren (Emory/GA Tech)

Weissleder: Scott A. Hildebrand (MGH/Harvard)

August 2008

Smith: Guohui Wu (UCSB)

May 2008

Weissleder: Jason R. McCarthy (MGH/Harvard)

Wooley: Eric Pressly (UCSB)

February 2008

Bao: Gang Bao (Emory/GA Tech)

November 2007

Wooley: Daniel P. Schuster (WUSTL)

Weissleder: Matthias Nahrendorf (MGH/Harvard)

August 2007

Smith: Jean-Luc Fraikin (UCSB)

May 2007

Wooley: Pamela K. Woodard (WUSTL)

Wooley: Samuel I. Achilefu (WUSTL)

Hot Emerging Topics

Spring 2011

Bao: Michael E. Davis

Fayad/Langer: Omir C. Farokhzad and Ira Tabas

Weissleder: Peter Libby and Jason R. McCarthy

Welch/Wooley: Carolyn L. Cannon and James C. Sacchettini

Winter 2010

Bao: Charles D. Searles

NHLBI Inter-PEN Quarterly Newsletter

Bibliography by PEN of past articles

<http://www.nhlbi-pen.net/default.php?pag=news>

Weissleder: Scott A. Hildebrand

Wooley: Karen L. Wooley, Carolyn L. Cannon, Wiley J. Youngs

Fall 2009

Bao: Sheng Tong, Sijan Hou, Gang Bao

Weissleder: Hakho Lee

Wooley: Craig J. Hawker and Pamela K. Woodard

Summer 2009

Bao: W. Robert Taylor

Smith: Norbert O. Reich

Weissleder: Hakho Lee

Wooley: Steven L. Brody

Spring 2009

Bao: Young-sup Yoon

Smith: Jeffrey W. Smith

Weissleder: Scott A. Hildebrand, Matthias Nahrendorf, Jason R. McCarthy

Wooley: Samuel I. Achilefu

Winter 2009

Bao: Niren Murthy

Smith: Jeffrey W. Smith

Weissleder: Ralph Weissleder

Wooley: Ke Zhang, Huafeng Fang, Gang Shen

December 2008

Bao: Hanjoong Jo

Smith: Gaurav Sharma, David T. Valenta

Weissleder: Scott A. Hildebrand, Jason R. McCarthy

Wooley: Ke Zhang, Huafeng Fang, Gang Shen

August 2008

Bao: Charles D. Searles

Smith: Jeffrey W. Smith

Weissleder: Jason R. McCarthy and Farouc Jaffer

Wooley: Pamela K. Woodard

Awards/Appointments

Spring 2011

Bao: Gang Bao, Michael E. Davis, Don P. Giddens, Shuming Nie

Fayad/Langer: David Cormode, Kevin D. Costa

Weissleder: Jason R. McCarthy, Hakho Lee

Welch/Wooley: Craig J. Hawker, Yongjian Liu, Michael J. Welch

Winter 2010

Bao: Allison Dennis, May Wang, Mark M. Goodman

Weissleder: Peter Panizzi

NHLBI Inter-PEN Quarterly Newsletter

Bibliography by PEN of past articles

<http://www.nhlbi-pen.net/default.php?pag=news>

Wooley: Jasmine N. Hunt, Ke Zhang, Guorong Sun, Zicheng Li, Kyle S. McCommis, Ashley Fiamengo
Fall 2009

Bao: Hongwei Duan

Weissleder: Ralph Weissleder

Wooley: Jean M. J. Fréchet

Summer 2009

Bao: Nick Willet, Allison M. Dennis

Smith: Erkki Ruhoslahti, Matthew V. Tirrell

Weissleder: Jayeeta Bhaumik

Wooley: Karen L. Wooley, Jean M. J. Fréchet, Carolyn L. Cannon, Pamela K. Woodard

Spring 2009

Bao: none

Smith: Zaverio M. Ruggeri

Weissleder: Matthias Nahrendorf

Wooley: Karen L. Wooley, Jean M. J. Fréchet, Yongjian Liu, Ritu Shrestha, Dana R. Abendschein, Gang Shen

Winter 2009

Bao: Niren Murthy, Xiaoping Hu

Smith: Samir Mitragotri, Erkki Ruoslahti, Matthew Tirrell, Joseph Zasadzinski

Weissleder: Ralph Weissleder

Wooley: Michael J. Welch, Craig J. Hawker, Pamela K. Woodard, Carolyn J. Anderson

Emory/Georgia Tech

- *Spring 2011 – Volume 5, Issue 1*
 - “Small Radiolabeled-Molecule Drug Discovery” by Mark M. Goodman
- *Winter 2010 – Volume 4, Issue 1*
 - “Transplanting cells that replenish blood vessels can also restore nerve function in an animal model of diabetic neuropathy” by Jin-Ok Jeong, Mee-Ohk Kim, Hyongbum Kim, Min-Young Lee, Sung-Whan Kim, Masaaki Ii, Jung-uek Lee, Jiyeon Lee, Yong Jin Choi, Hyun-Jai Cho, Namho Lee, Marcy Silver, Andrea Wecker, Dong-Wook Kim, Young-sup Yoon
- *Fall 2009 – Volume 3, Issue 4*
 - “Partial Carotid Ligation is a Model of Acutely Induced Disturbed Flow, Leading to Rapid Endothelial Dysfunction and Atherosclerosis” by Hanjoong Jo, Douglas Nam, Amir Rezvan, Chih-Wen Ni, David G. Harrison, Don P. Giddens
- *Summer 2009 – Volume 3, Issue 3*
 - “Drug delivery to the heart: Polymers and target nanoparticles” by Michael E. Davis
- *Spring 2009 – Volume 3, Issue 2*
 - “Nanoparticles in Arterial Blood Flow: Where Do They Go” by Donald P. Giddens, Jin Suo, Habib Samady, W. Robert Taylor, Michael C. McDaniel
- *Winter 2009 – Volume 3, Issue 1*
 - “New Approaches for Molecular MRI based on Iron Oxide Nanoparticles” by Xiaoping Hu

NHLBI Inter-PEN Quarterly Newsletter

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- *December 2008 – Volume 2, Issue 4*
 - “A New Class of Near-Infrared-Emitting Quantum Dots Tunable by Lattice Strain” by Andrew M. Smith and Shuming Nie
 - PEN “Spotlight On” – Niren Murthy
- *August 2008 – Volume 2, Issue 3*
 - “Quantifying changes in ploy-A tail of eNOS mRNA using molecular beacons” by Charles D. Searles, Jr., and Gang Bao
- *May 2008 – Volume 2, Issue 2*
 - “Discovery of novel biomarkers regulating flow-dependent atherosclerosis” Seth Brodie, Amy Mowbray, Sarah Tressel, Chih-Wen Ni, Manu Platt and Hanjoong Jo
- *February 2008 – Volume 2, Issue 1*
 - “QUANTUM DOT – FLUORESCENT PROTEIN FRET PROBES” By Gang Bao
 - “PEN Spotlight On: Principal Investigator, Gang Bao”
- *November 2007 – Volume 1, Issue 4*
 - “Imaging and Tracking of Bioconjugated Quantum Dots in Living Cells” By Gang Ruan, Amit Agrawal and Shuming Nie
- *August 2007- Volume 1, Issue 3*
 - “Use of Quantum Dots to Evaluate Atherosclerotic Disease Presence and Activity” by W. Robert Taylor, Don Giddens, Shuming Nie and Gang Bao.
- *May 2007- Volume 1, Issue 2*
 - ““Development of New Drug Delivery Vehicles and Imaging Contrast Agents” by Niren Murthy, Gang Bao.
- *February 2007 - Volume 1, Issue 1*
 - “Correlation between Hemodynamic Shear Stress and VCAM-1 Expression in Mouse Aorta”, by Gang Bao.

Burnham/UCSB/Scripps

- *Summer 2009 – Volume 3, Issue 3*
 - “Towards All-electronic Biomolecular Sensing: Measurements Using a Debye-layer Transistor” by Jean-Luc Fraikin and Andrew N. Cleland
- *Spring 2009 – Volume 3, Issue 2*
 - “Increasing the stability of multifunctional micellar nanoparticles” by Mark Kastantin, Badriprasad Ananthanarayanan, and Matthew V. Tirrell
- *Winter 2009 – Volume 3, Issue 1*
 - “Targeting micelles to plaques” by Erkki Ruoslahti, Jeffrey W. Smith
- *December 2008 – Volume 2, Issue 4*
 - “Targeting Ongoing Arterial Thrombosis With Platelet-specific Microparticles” by Zaverio M. Ruggeri, Jennifer N. Orje, Sheryl A. Harvey, Samir Mitragotri and Jeffrey W. Smith.
- *August 2008 – Volume 2, Issue 3*

NHLBI Inter-PEN Quarterly Newsletter

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- “Toward Imaging of Active Thrombi” By Jeffrey W. Smith
- “PEN Spotlight On: UCSB Postdoctoral Scholar, Guohu, Ph.D.”
- *May 2008 – Volume 2, Issue 2*
 - “Gold nanoshells - optically triggered nano-“sonicator” for liposomal drug delivery” By Guohui Wu and Joseph A. Zasadzinski
 - “Meet Our PEN – The Burnham Institute, University of California Santa Barbara and The Scripps Institute”, layout by Eileen A. Cler (WUSTL), photographs forwarded by Jim Lee (Burnham).
- *February 2008 - Volume 2, Issue 1*
 - “Development of Molecular Switch for Type I Collagen” by Lester J. Lambert, Jeffrey W. Smith and Francesca M. Marassi.
- *August 2007- Volume 1, Issue 3*
 - “PEN Spotlight On: UCSB Graduate Student, Jean-Luc Fraikin” by James Lee.
- *May 2007- Volume 1, Issue 2*
 - “All-electronic sensing: Developing tools for a non-optical world” by Andrew N. Cleland, Jeffrey W. Smith.
- *February 1 2007 - Volume 1, Issue 1*
 - “Engineering Shape of Polymeric Microparticles for Drug Delivery” by Julie Champion, Samir Mitragotri, Jeffrey W. Smith.

MGH/Harvard/MIT/Brigham and Women’s

- *Spring 2011, Volume 5, Issue 1*
 - “Detection of Macrophages in Aortic Aneurysms by Nanoparticle Positron Emission Tomography Computed Tomography” By Jason R. McCarthy and Ralph Weissleder
- *Winter 2010, Volume 4, Issue 1*
 - “Binding Affinity and Kinetic Analysis of Targeted Small Molecule-Modified Nanoparticles¹” By Carlos Tassa, Jason R. McCarthy and Ralph Weissleder
- *Fall 2009, Volume 3, Issue 4*
 - “Oxazine Conjugated Nanoparticle Detects *In Vivo* Hypochlorous Acid and Peroxynitrite Generation” By Jason R. McCarthy and Ralph Weissleder
- *Summer 2009, Volume 3, Issue 3*
 - “Multimodal Nanoagents for the Detection of Intravascular Thrombi¹” By Jason McCarthy and Ralph Weissleder
- *Spring 2009, Volume 3, Issue 2*
 - “Molecular Imaging of Innate Immune Cell Function in Transplant Rejection” By Jason McCarthy and Ralph Weissleder
- *Winter 2009, Volume 3, Issue 1*

NHLBI Inter-PEN Quarterly Newsletter

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- “Simplified syntheses of complex multifunctional nanomaterials” By Jason McCarthy and Ralph Weissleder
- *December 2008, Volume 2, Issue 4*
 - “Chip-NMR biosensor for detection and molecular analysis of cells” By Jason McCarthy and Ralph Weissleder
 - PEN “Spotlight On” – Scott A. Hilderbrand
- *August 2008, Volume 2, Issue 3*
 - “Pertubational profiling of nanomaterial biologic activity” By Jason McCarthy and Ralph Weissleder.
- *May 2008 – Volume 2, Issue 2*
 - “A Fluorescent Probe for the Detection of Myeloperoxidase Activity in Atherosclerosis-Associated Macrophages” By Jason McCarthy and Ralph Weissleder
 - “PEN Spotlight On: Principal Investigator, Jason McCarthy”
- *February 2008 – Volume 2, Issue 1*
 - “Nanoparticle PET-CT Imaging of Macrophages in Inflammatory Atherosclerosis” by Jason McCarthy and Ralph Weissleder.
 - “Meet Our PEN – MGH, Harvard, MIT, Brigham and Women’s Hospital”, layout by Eileen A. Cler (WUSTL), photographs forwarded by Jason McCarthy (Harvard).
- *November 2007 – Volume 1, Issue 4*
 - “Fluorescence Tomography and Magnetic Resonance Imaging of Myocardial Macrophage Infiltration in Infarcted Myocardium *In Vivo*” by Jason McCarthy, Ralph Weissleder
- *August 2007- Volume 1, Issue 3*
 - “Dual Channel Optical Tomographic Imaging of Leukocyte Recruitment and Protease Activity in the Healing Myocardial Infarct” by Jason McCarthy, Ralph Weissleder.
- *May 2007- Volume 1, Issue 2*
 - “Job Opportunities with the four PENs: Center for Molecular Imaging Research, Postdoctoral Fellow” by Jason R. McCarthy, Ralph Weissleder.
 - “Proteolytic and osteogenic activities in early aortic valve disease” by Jason McCarthy, Ralph Weissleder
- *February 2007 - Volume 1, Issue 1*
 - “Noninvasive imaging of atherosclerotic VCAM-1 expression using targeted Nanoparticles” by Matthias Nahrendorf, Ralph Weissleder.
 - “Photodynamic Therapy Agent for the Treatment of Atherosclerosis” by Jason R. McCarthy, Ralph Weissleder.
 - “Job Opportunities with the four PENs: Center for Molecular Imaging Research, Postdoctoral Fellow” by Jason R. McCarthy, Ralph Weissleder.

WUSTL/TAMU/UCSB/UCB/UTSW

- *Spring 2011 Volume 5, Issue 1*

NHLBI Inter-PEN Quarterly Newsletter

Bibliography by PEN of past articles

<http://www.nhlbi-pen.net/default.php?pag=news>

- Front cover design – Eileen A. Cler
- “Introducing ... Principal Investigator of the Administrative Center, Robert J. Gropler, M.D., Washington University School of Medicine”, compiled by Eileen A. Cler,
- “A Word from our Program Coordinator” – Eileen A. Cler
- “Multi-functional Trackable Dendritic Scaffolds and Delivery Agents” by Roey J. Amir, Lorenzo
- “Meet Our PEN” – Broad Institute, Brigham and Women’s Hospital, Massachusetts General Hospital, Massachusetts Institute of Technology, Harvard University - Headshot photographs by Eileen A. Cler and some provided by local PEN; graphic design by Eileen A. Cler
- “Hot Emerging Topics” with input from each PEN - layout by Eileen A. Cler, photographs from either Eileen A. Cler or submitted by each PEN
- Back cover - “5th Annual Inter-PEN Meeting” by Eileen A. Cler
- *Winter 2010 Volume 4, Issue 1*
 - Cover article – Karen L. Wooley
 - “Shell crosslinked nanoparticles carrying silver antimicrobials as therapeutics” by Yali Li, Khadijah Hindi, Kristin M. Watts, Jane B. Taylor, Ke Zhang, Zicheng Li, Yun Lin, David A. Hunstad, Carolyn L. Cannon, Wiley J. Youngs, Karen L. Wooley
 - “Meet Our PEN” – Broad Institute, Brigham and Women’s Hospital, Massachusetts General Hospital, Massachusetts Institute of Technology, Harvard University - Headshot photographs by Eileen A. Cler and some provided by local PEN; graphic design by Eileen A. Cler
 - “Hot Emerging Topics” with input from three of the four PENs - layout by Eileen A. Cler, photographs from either Eileen A. Cler or submitted by each PEN.
- *Fall 2009 Volume 3, Issue 4*
 - “A Word from our Program Coordinator” by Eileen A. Cler
 - “Acetalated Dextran (Ac-Dex): A Biocompatible, Tunable, and Degradable Material for Therapeutic Applications” by Jessica L. Cohen, Kyle E. Broaders, Tristan T. Beaudette, Eric M. Bachelder, and Jean M. J. Fréchet
 - “Meet Our PEN” – Emory/Georgia Tech - Headshot photographs by Eileen A. Cler and some provided by local PEN; graphic design by Eileen A. Cler
 - “Hot Emerging Topics” with input from three of the four PENs - layout by Eileen A. Cler, photographs from either Eileen A. Cler or submitted by each PEN.
 - “Cross-Training – Radiolabeling experiment with newly synthesized SCKs” – Text by Charles R. Glaus; Photography and design by Eileen A. Cler
 - “Fourth Annual Inter-PEN Meeting in Boston, Massachusetts, on July 24-25, 2009”, photography and graphic design by Eileen A. Cler.
- *Summer 2009 Volume 3, Issue 3*
 - Cover Article “Register Now – 4th Annual Inter-PEN Meeting” by Eileen A. Cler
 - “Free Radical Polymer with Tunable and Selective Bio- and Chemical Degradability” by Jos M. J. Paulusse, Roey J. Amir, Richard A. Evans and Craig J. Hawker.

NHLBI Inter-PEN Quarterly Newsletter

Bibliography by PEN of past articles

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- “Hot Emerging Topics” with input from each of the four PENs - layout by Eileen A. Cler, photographs from either Eileen A. Cler or submitted by each PEN.
- “Fifth Annual Intra-PEN Meeting in Saint Louis, Missouri, on July 24-25, 2009”, photography and graphic design by Eileen A. Cler.
- *Spring 2009 Volume 3, Issue 2*
 - Cover Article “Webcast from NIH NanoWeek 2009” by Eileen A. Cler
 - “Photonic, pH-Responsive Shell-Crosslinked Nanoparticle Probes for Optical Imaging and Monitoring” by Nam S. Lee and Karen L. Wooley.
 - “Meet Our PEN” – Burnham/Scripps/UCSB – ~30 headshot photographs and graphic design by Eileen A. Cler
 - “Hot Emerging Topics” with input from each of the four PENs - layout by Eileen A. Cler, photographs from either Eileen A. Cler or submitted by each PEN.
- *Winter 2009 Volume 3, Issue 1*
 - Cover Article “Introducing a new ‘Awards’ segment” by Eileen A. Cler
 - “Synthetic Nanoparticles for noninvasive imaging of angiogenesis” by Adah Almutairi, Raffaella Rossin, Monica Shokeen, Aviv Hagooly, Ashwin Ananth, Dana R. Abendschein, Carolyn J. Anderson, Michael J. Welch, Jean M. J. Fréchet and Karen L. Wooley.
 - “Meet Our PEN” – Emory/Georgia Tech – ~50 headshot photographs and graphic design by Eileen A. Cler
 - “Hot Emerging Topics” with input from each of the four PENs - layout by Eileen A. Cler, photographs from either Eileen A. Cler or submitted by each PEN.
- *December 2008 Volume 2, Issue 3*
 - Cover Article “Third Annual Inter-PEN Meeting” by Eileen A. Cler
 - “Cationic shell-crosslinked knedel-like nanoparticles (cSCKs) for highly efficient DNA and PNA delivery” by Ke Zhang, Huafeng, Gang Shen, John-Stephen A. Taylor and Karen L. Wooley.
 - “Meet Our PEN” – Emory/Georgia Tech – ~50 headshot photographs and graphic design by Eileen A. Cler
 - “Hot Emerging Topics” with input from each of the four PENs - layout by Eileen A. Cler, photographs from either Eileen A. Cler or submitted by each PEN.
 - Community Outreach – “The WU-Centered PEN Collaborates with ACS-YCC for a “Chemistry Career Night” Event
 - “Third Annual Inter-PEN Meeting in Atlanta, Georgia, on October 10-11 at Callaway Gardens”, two-page spread (graphic design layout and photographs) by Eileen A. Cler.
- *August 2008 – Volume 2, Issue 3*
 - Cover Article “Details for the Upcoming Third Annual Inter-PEN Meeting” by Eileen A. Cler
 - “SCK nanoparticles as therapeutic delivery agents” By Andreas Nyström, Zhiqiang, Xu, Jinqi Xu, Sheila A. Stewart, Jeffrey Leonard and Karen L. Wooley

NHLBI Inter-PEN Quarterly Newsletter

Bibliography by PEN of past articles

<http://www.nhlbi-pen.net/default.php?pag=news>

- “Meet Our PEN” – all 55 people on the UCB, UCSB and WUSTL PEN, layout and photographs by Eileen A. Cler (WUSTL).
- “Fourth Annual Intra-PEN Meeting in Saint Louis, Missouri, on July 11-12, 2008”, photography and graphic design by Eileen A. Cler.
- “Hot Emerging Topics” with input from each of the four PENs - layout by Eileen A. Cler, photographs from either Eileen A. Cler or submitted by each PEN.
- Community Outreach – “How to ‘See’ Invisible Things: A Dynamic Light Scattering experiment for 2nd grade students”, article by Kenya T. Powell, photography and editing by Eileen A. Cler.
- *May 2008 – Volume 2, Issue 2*
 - “Fluorescent lifetime of NIR dyes for structural analysis of serum albumin” By Mikhail Y. Berezin, Hyeran Lee, Walter Akers, Gregory Nikiforovich, Samuel Achilefu
 - “PEN Spotlight On: Ph.D. Candidate, Eric Pressly – Silver Award”
 - Community Outreach - “The Chemistry of Fireworks” By Kenya T. Powell (text) and Eileen A. Cler (photographs and editing).
- *February 2008 - Volume 2, Issue 1*
 - “Biodegradable pH sensing dendritic nanoprobe for near infrared fluorescence lifetime and intensity imaging” by Adah Almutairi, Mikhail Y. Berezin, Samuel Achilefu and Jean M. J. Fréchet
 - “Meet Our PEN” – MGH, Harvard, MIT, Brigham and Women’s Hospital, layout by Eileen A. Cler (WUSTL), photographs forwarded by Jason McCarthy (Harvard).
 - Community Outreach – “LEGO Lords” 2007, Science Education and Robotics Team”, article and photographs by Eileen Cler.
- *November 2007- Volume 1, Issue 4*
 - “*In vivo* evaluation of novel PEGylated Nanoparticles for Imaging and Drug Delivery” by Eric D. Pressly, Raffaella Rossin, Aviv Hagooly, Ken-ichi Fukukawa, Benjamin W. Messmore, Karen L. Wooley, Michael J. Welch, and Craig J. Hawker
 - “Second Annual Intra-PEN Meeting in Santa Barbara, California, on October 19-21, 2007” two-page spread (layout and photographs) by Eileen A. Cler.
 - “Meet Our PEN – Emory / Georgia Tech”, Layout by Eileen A. Cler, Photographs by Eileen Cler, Emory University and The Georgia Institute of Technology.
 - “Reflections of the Second Annual Inter-PEN Meeting” by Eileen A. Cler
- *August 2007- Volume 1, Issue 3*
 - “Targeting Platelet Cells for Prevention of Thrombosis” by Ashley Mynar, Craig J. Hawker, Jeffrey W. Smith, Zaverio M. Ruggeri.
 - “PEN Spotlight On: WUSTL Senior Investigator, Pamela K. Woodard” by Eileen A. Cler with references from Mallinckrodt Institute of Radiology, *Focal Spot* magazine, Spring 2007.
 - “⁶⁴Cu-C-ANF Natriuretic Peptide (NP) Fragment as a PET Tracer for Atherosclerotic Plaque Molecular Imaging” by Raffaella Rossin, Dana R. Abendschein, Jie Zheng, Geoffrey E. Woodard, Kyle McCommis, P. McQuade, Michael J. Welch, Pamela K. Woodard.

NHLBI Inter-PEN Quarterly Newsletter

Bibliography by PEN of past articles

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- “Third Annual Intra-PEN Meeting in Saint Louis, Missouri, on July 6-7, 2007” two- spread (layout and photographs) by Eileen A. Cler.
- “Meet Our PEN – WUSTL/UCSB/UCB” , Layout and photographs by Eileen A. Cler
- *May 2007- Volume 1, Issue 2*
 - “PEN Spotlight On: WUSTL Senior Investigator Samuel Achilefu, Ph.D.” by Eileen Cler with references from Mallinckrodt Institute of Radiology, *Focal Spot* magazine, Winter 2006/2007.
 - “Labeling of Polymer Nanostructures for Medical Imaging” by Jinqi Xu, Guorong Sun, Raffaella Rossin, Aviv Hagooly, Zicheng Li, Ken-ichi Fukukawa, Benjamin W. Messmore, Dennis A. Moore, Craig J. Hawker, Michael J. Welch and Karen L. Wooley.
 - “Reflections on the American Chemical Society National Meeting, Spring 2007 and the Arthur M. Sackler Colloquia by the National Academy of Sciences” by Monica Shokeen, Carolyn Anderson.
 - “Second Annual Nanotechnology and the Life Sciences” two-page spread of photographs by Eileen A. Cler.
 - “2nd Annual Inter-PEN Meeting; Santa Barbara, California, October 19-21, 2007” by Eileen A. Cler.
- *February 2007 - Volume 1, Issue 1*
 - “The First Annual Inter-PEN Conference October 6-8, 2006 Washington University Saint Louis, Missouri” by Karen L. Wooley
 - “*In vivo* evaluation of new ⁶⁴Cu-labeled nano-structured materials” by R. Rossin, E.D. Pressly, K. Fukukawa, B.W. Messmore, A. Hagooly, K.L. Wooley, C.J. Hawker, M.J. Welch.
 - “NanoKids 2006. “Science Education and Outreach: WASHINGTON UNIVERSITY AND BEYOND” by Kenya T. Powell.
 - “Program of Excellence in Nanotechnology (PEN): *Skills Development Component*” by Monica Shokeen, Carolyn J. Anderson.
 - “LOOKING BACK ... OCTOBER 2006” by Eileen A. Cler

NHLBI

- *February 2007 - Volume 1, Issue 1*
 - “Nanotechnology at NHLBI” by Denis Buxton
- *May 2007- Volume 1, Issue 2*
 - “NHLBI Releases Strategic Plan” by Denis Buxton
- *November 2007- Volume 1, Issue 2*
 - 2nd Annual Inter-PEN Meeting by Denis Buxton