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## Minnies 2013 semifinal candidates

August 27, 2013 --

Below is a list of the candidates for the 2013 edition of the Minnies, *AuntMinnie.com's* campaign to recognize the best and brightest in medical imaging. This year's campaign features 205 candidates in 15 categories.

To view and vote in our new Best Radiology Image category, visit our [Facebook page!](#)

### **Most Influential Radiology Researcher**

Dr. Elizabeth Arleo, Weill Cornell Medical College  
Dr. William Black, Dartmouth College  
Dr. Kavitha Chinnaiyan, William Beaumont Hospital  
Dr. Stephen Duffy, University of London  
Dr. Richard Duszak, Harvey L. Neiman Health Policy Institute  
Dr. Geraldine McGinty, American College of Radiology  
Diana Miglioretti, PhD, University of California, Davis  
Dr. James Min, Weill Cornell Medical College  
Dr. Satoshi Minoshima, PhD, University of Washington  
Dr. Michael Poon, Stony Brook University  
Dr. Mathias Prokop, Radboud University Nijmegen  
Dr. U. Joseph Schoepf, Medical University of South Carolina  
Dr. Per Skaane, University of Oslo  
Dr. Aaron Sodickson, PhD, Brigham and Women's Hospital  
Dr. Max Wintermark, University of Virginia

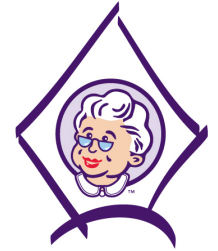
### **Most Effective Radiology Educator**

Dr. Stephen Amis Jr., Montefiore Medical Center  
Dr. Leonard Berlin, NorthShore University HealthSystem  
Dr. George Bisset III, Texas Children's Hospital  
Dr. Keith Dreyer, PhD, Massachusetts General Hospital  
Dr. Howard Forman, Yale University  
Dr. Bruce Hillman, *Journal of the American College of Radiology*  
Dr. David Hirschorn, Staten Island University Hospital  
Dr. Karen Horton, Johns Hopkins University  
Dr. Gilbert Jost, Mallinckrodt Institute of Radiology  
Dr. Ella Kazerooni, University of Michigan  
Dr. Jonathan Lewin, Johns Hopkins University  
Dr. Adrian Mizzi, Mater Dei Hospital  
Dr. Bruce Rosen, PhD, Massachusetts General Hospital  
Dr. Geoffrey D. Rubin, Duke University  
Dr. Michael Steigner, Brigham and Women's Hospital  
Dr. László Tabár, Falun Central Hospital  
Dr. Carolyn Van Dyke, Cleveland Clinic  
Dr. Robert Wagner, Loyola University

### **Most Effective Radiologic Technologist Educator**

Scott Cupp, Hospital of the University of Pennsylvania  
Peter Horbenko, NorthShore University HealthSystem  
Robert Jones, Stanford University  
Dr. Mark King, Ohio State University  
Myke Kudlas, American Society of Radiologic Technologists  
Donna Thaler Long, Ball State University  
Jonathan Mazal, Rad-Aid International  
Stan Olejniczak, Mayo Clinic, Jacksonville, FL  
Laura Pierce, Duke University  
Rebecca Sajdak, Loyola University  
Kyle Thornton, City College of San Francisco

### **Most Effective Radiology Administrator/Manager**



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Bill Algee, Columbus Regional Hospital  
Mark Brown, West Georgia Health  
Rachel Giliotti, St. Vincent's Medical Center  
W. Daryle Heath, University of Mississippi Medical Center  
Brenda Izzi, University of California, Los Angeles  
Renee Lauck, Kaweah Delta Medical Center  
Carlos Vasquez, Franciscan St. Elizabeth Health

### **Best Radiologist Training Program**

American College of Radiology Radiology Leadership Institute, Reston, VA  
Brigham and Women's Hospital, Boston, MA  
Cleveland Clinic Foundation, Cleveland, OH  
Dartmouth College, Hanover, NH  
Duke University, Durham, NC  
Emory University, Atlanta, GA  
Johns Hopkins University, Baltimore, MD  
Mallinckrodt Institute of Radiology, St. Louis, MO  
Massachusetts General Hospital, Boston, MA  
Mayo Clinic, Rochester, MN  
MD Anderson Cancer Center, Houston, TX  
Medical University of South Carolina, Charleston, SC  
New York University, New York, NY  
Stanford University, Stanford, CA  
University of California, San Diego, San Diego, CA  
University of California, San Francisco, San Francisco, CA  
University of Michigan, Ann Arbor, MI  
University of Minnesota, Minneapolis, MN  
University of Pennsylvania, Philadelphia, PA  
University of Pittsburgh, Pittsburgh, PA  
University of Utah, Salt Lake City, UT  
University of Virginia, Charlottesville, VA  
University of Washington, Seattle, WA  
Vanderbilt University, Nashville, TN  
Weill Medical College/Cornell University, New York, NY  
Yale University, New Haven, CT

### **Best Radiologic Technologist Training Program**

Ball State University, Muncie, IN  
Hospital of the University of Pennsylvania, Philadelphia, PA  
Johns Hopkins University, Baltimore, MD  
Mayo Clinic, Jacksonville, FL  
Miami Dade College, Miami, FL  
Midlands Technical College, Columbia, SC  
New York University, New York, NY  
Ohio State University, Columbus, OH  
Palm Beach State College, Lake Worth, FL  
SUNY Upstate Medical University, Syracuse, NY  
Thomas Jefferson University, Philadelphia, PA  
University of Minnesota, Minneapolis, MN

### **Most Significant News Event in Radiology**

American Board of Radiology replaces written exam with radiology core exam  
CT lung screening gets U.S. Preventive Services Task Force endorsement  
Expansion of breast density notification laws  
French court convicts radiation oncologists in radiation overdose case  
New Medicare hospital outpatient rates would cut CT, MRI payments  
Radiology prepares for implementation of Obamacare  
St. Barnabas Hospital backs down from plan to close radiologist training program  
U.S. Centers for Medicare and Medicaid Services relents on PET coverage, will pay for 3 follow-up scans

### **Biggest Threat to Radiology**

Competition to local practices from teleradiology and national radiology groups  
Concerns about CT radiation dose  
Decline in Medicare and third-party reimbursement rates  
Declining job market for radiology professionals  
Implementation of Obamacare and accountable care organizations  
Increased use of medical imaging by physicians in other specialties (turf battles)  
Use of recalled questions on radiology board exams

### **Hottest Clinical Procedure**

Automated breast ultrasound  
Cardiac CT angiography  
CT lung cancer screening  
Digital breast tomosynthesis  
Molecular breast imaging  
MRI/ultrasound fusion prostate biopsies  
PET for Alzheimer's disease with new radiopharmaceuticals  
PET/MRI  
Virtual colonoscopy

### **Scientific Paper of the Year**

Associations between routine coronary computed tomographic angiography and reduced unnecessary hospital admissions, length of stay, recidivism rates, and invasive coronary angiography in the emergency department triage of chest pain. Poon M et al, *Journal of the American College of Cardiology*, August 6, 2013. For *AuntMinnie.com*'s coverage of this paper, [click here](#).

The cost of breast cancer screening in the Medicare population. Gross CP et al, *JAMA Internal Medicine*, February 11, 2013. For *AuntMinnie.com*'s coverage of this paper, [click here](#).

Does iterative reconstruction in chest CT mean goodbye to chest radiographs? A comparison of diagnostic information, radiation dose, and time consumption between ultralow-dose CT and conventional chest radiography. Aalokken T et al, RSNA meeting, November 2012. For *AuntMinnie.com*'s coverage of this paper, [click here](#).

Impact of a continuous quality improvement initiative on appropriate use of coronary computed tomography angiography. Results from a multicenter, statewide registry, the Advanced Cardiovascular Imaging Consortium. Chinnaiyan KM et al, *Journal of the American College of Cardiology*, September 25, 2012. For *AuntMinnie.com*'s coverage of this paper, [click here](#).

Peri-implant gas following air travel to high altitude. Lewin JM, *Plastic and Reconstructive Surgery*, March 2013. For *AuntMinnie.com*'s coverage of this study, [click here](#).

Portrayal of radiology in a major medical television series: Does it influence the perception of radiology in the general population? Heye T et al, European Congress of Radiology, March 2013. For *AuntMinnie.com*'s coverage of this study, [click here](#).

Prospective trial comparing full-field digital mammography (FFDM) versus combined FFDM and tomosynthesis in a population-based screening programme using independent double reading with arbitration. Skaane P et al, *European Radiology*, August 2013. For *AuntMinnieEurope.com*'s coverage of this study, [click here](#).

Psychological effect of chronic exposure to high magnetic field on MRI technologists. Mishah N et al, European Congress of Radiology, March 2013. For *AuntMinnie.com*'s coverage of this study, [click here](#).

Summary of the evidence of breast cancer service screening outcomes in Europe and first estimate of the benefit and harm balance sheet. Paci E et al, *Journal of Medical Screening*, September 13, 2012. For *AuntMinnieEurope.com*'s coverage of this study, [click here](#).

Trends in the utilization of medical imaging from 2003 to 2011: Clinical encounters offer a complementary patient-centered focus. Dodoo MS et al, *Journal of the American College of Radiology*, July 2013. For *AuntMinnie.com*'s coverage of this paper, [click here](#).

The use of computed tomography in pediatrics and the associated radiation exposure and estimated cancer risk. Miglioretti D et al, *JAMA Pediatrics*, August 1, 2013. For *AuntMinnie.com*'s coverage of this paper, [click here](#).

Why are fewer women selecting a career in radiology? A national survey of Canadian medical students. Zener R et al, American Roentgen Ray Society meeting, April 2013. For *AuntMinnie.com*'s coverage of this paper, [click here](#).

### **Best New Radiology Device**

3D breast biopsy option for Affirm device, Hologic  
Acuson Freestyle ultrasound scanner, Siemens Healthcare  
AlluraClarity interventional radiology system, Philips Healthcare  
Aquilion One Vision 640-slice CT scanner, Toshiba America Medical Systems  
DX-D 35C wireless flat-panel digital radiography detector, Agfa HealthCare  
FDR Go portable digital radiography system, Fujifilm Medical Systems USA  
FibroScan ultrasound elastography system, Echosens  
ImagePilot Aero digital radiography system, Konica Minolta  
Leggera wireless digital radiography panel, Viztek  
Noblus ultrasound scanner, Hitachi Aloka Medical  
Optima MR360 Advance 1.5-tesla MRI scanner, GE Healthcare  
Signos RT handheld ultrasound scanner, Signostics  
Sonialvision G4 radiography/fluoroscopy system, Shimadzu  
Trillium Oval 3-tesla MRI scanner, Hitachi Medical Systems America  
Vector+ SPECT/PET preclinical imaging system, MILabs  
Verity extremity CT scanner, Planmed  
Versa HD radiation therapy system, Elekta

XGEO CG80 digital radiography system, Samsung Electronics  
ZS3 premium ultrasound scanner, Zonare

### **Best New Radiology Software**

3Di PACS software, Shina Systems  
ACR Select, National Decision Support Company  
DoseTrack radiation dose monitoring software, Sectra  
EchoInsight image analysis software, Epsilon Imaging  
ElementMU meaningful use software, ImagingElements  
Image Share image sharing software, DICOM Grid  
Imagine Intelligence business analytics software, Imagine Software  
Impax CV12 cardiovascular PACS software, Agfa HealthCare  
IMR (iterative model reconstruction) CT dose reduction software, Philips Healthcare  
IQQA-Liver Multimodality 3D liver viewing software, EDDA Technology  
JiveX Mobile PACS software for mobile devices, Visus  
M-Vu computer-aided detection software, VuCOMP  
Matrix Volumetric Analytics software, Intrinsic Medical Imaging  
MediPics image exchange software, Accelarad  
MedTree QDS clinical decision-support software, HealthHelp  
MIDAS structured reporting software, Spintech Oceania  
MobileCT Viewer image review application for iPad, Nephosity  
Montage Search and Analytics software, Montage Healthcare Solutions  
MyVue patient portal software, Carestream Health  
Nuage cloud-based PACS software, Intelrad Medical Systems  
RaySafe S1 dose management software, Unfors RaySafe  
Report Accelerator software, Imorgon  
Synapse vendor-neutral archiving software, Fujifilm Medical Systems USA  
syngo.Ultrasound Breast Analysis software, Siemens Healthcare  
TouchPACS software suite, Touch Medical Solutions  
Universal Viewer image viewing software, GE Healthcare  
Vision Tools Workspace PACS and reporting software, MillenSys  
Workflow Box image processing software, Mirada Medical

### **Best New Radiology Vendor**

[Blackford Analysis](#)  
[Densitas](#)  
[Montage Healthcare Solutions](#)  
[National Decision Support Company](#)  
[Nephosity](#)  
[Quantason](#)  
[SaferMD](#)  
[Signostics](#)

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### **Best Radiology Mobile App**

[ContrastTx](#) (iOS)  
[Diagnostic Radiology](#) (iOS)  
[iRadiology](#) (iOS)  
[My Imaging Records](#) (iOS)  
[OsiriX HD](#) (iOS)  
[RadCompanion](#) (iOS)  
[Radiation Passport](#) (iOS)  
[Radiology 2.0: One Night in the ED](#) (iOS)  
[Radiology Assistant](#) (iOS)  
[Radiology Toolbox Pro](#) (iOS)  
[Radiology Tutor](#) (Android, iOS)  
[Radiopaedia](#) (iOS)  
[radRounds](#) (iOS)  
[RadSnap](#) (iOS)  
[Surgical Radiology](#) (iOS)

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