Navigating a New Course in Education & Research Funding...
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Funding the Next Generation of Great Discoveries…

One of our field’s greatest discoverers, Albert Einstein once said: “It is every man’s obligation to put back into the world at least the equivalent of what he takes out of it”. This is exactly how I view our work. Philanthropy provides a remarkable place to stand as we seek, in effect, to change medicine for the better. Our endowment is the obvious vehicle by which we seek to achieve this. Our ability to provide financial support to many talented people doing novel work is at the center of our foundation’s activity.

Since its inception over 40 years ago, the ERF has helped launch careers exclusively in the fields of nuclear medicine and molecular imaging by providing early and essential financial support that 1) allows physicians, scientists and technologists to conduct pilot research and 2) makes it possible for students and trainees to expand their knowledge base through educational activities or rigorous academic study. Donors to the ERF are, as Einstein espoused, paying it forward every day.

Over the years, our donors have helped the ERF become a global leader as a private philanthropic source of financial support focused exclusively on education and research programs in nuclear medicine and molecular imaging. In the coming years, we will seek to expand our reach and influence and help jump-start the work of the next wave of great innovators around the world who are seeking to discover the next promising diagnostic or therapeutic. We believe that without pilot research funding, physicians, scientists and technologists will either be forced to leave the field or never enter the field at all in order to “follow the money” to other areas.

The ERF is the only safe harbor for pilot funding and support of previously untested research in the field. For more than four decades, the vast majority of the ERF’s support for grants and awards has been given to the Society of Nuclear Medicine and Molecular Imaging (SNMMI). With the ERF’s review and approval, the SNMMI then dispenses designated grants, awards, and/or scholarships to applicants who are the best and brightest physicians, scientists, technologists, and students in our field. In fact, the ERF is the largest single contributor of educational and research awards to the SNMMI. And we seek to hold this position for many years to come.

Through the SNMMI, our Special Projects Funds, or Permanently Restricted Funds, the ERF has donated since its founding almost $6 million to the field to make strategic investments in great minds. The ERF’s current endowment is nearly $10 million. It is essential that we establish an even larger endowment to ensure a steady and secure stream of investments to foster the next generation of great discoveries and health care advances. Our goal is to expand this endowment to at least $20 million so that the ERF can provide $1 million a year in critical funding (5% of the endowment annually) in perpetuity.

My promise to you is simple: the ERF will continue to faithfully perform its primary fiduciary duty to donors with its commitment to stewardship and financial integrity. We will ensure that our donors’ gifts are invested carefully and spent wisely to honor donor wishes -- and in accordance with the ERF’s mission -- to navigate a new path for the art and science of medical imaging and therapy.

Peter S. Conti, MD, PhD
ERF President
Our Donors

ERF Giving Clubs

The donors listed on the following pages support the ERF and its mission through gifts to the Annual Fund, the Paul Cole Scholarship Fund, the Robert Lull, MD Memorial Fund and the Molecular Imaging Campaign. The ERF is deeply grateful for our donors’ generosity and trust in the Foundation and its work.

ERF Donor Club Legend

In recognition of gifts received between October 1, 2011 - April 30, 2013.
Becquerel and Curie Donors are recognized for their lifetime giving since October 1, 2004.

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2012 Mitzi & William Blahd, MD Pilot Research Grant

Joyita Dutta, PhD
Massachusetts General Hospital

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- The Estates of Benedict Cassen and Mary Wiley Balfour Cassen
- Covidien
- Robert E. Henkin, MD, FACNM, FACR - in memory of Renae Henkin
- Samuel P. Mandell Foundation

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- Carlos Bekerman, MD, ABNM
- Robert F. Carretta, MD, FACNM
- Puneet Chandak, MD
- Hazem H. Chehabi, MD, FACNM
- The Dr. Michael J. Welch Foundation
I genuinely appreciate your confidence in me. I uncovered new and developing nuclear medicine and molecular imaging practices and research through various presentations. I also networked with students, scientists, and physicians, and nurtured my own developing nuclear medicine interests. In short, the experience was invaluable.

I wholeheartedly thank the ERF for its generous assistance and recognition.

Jordan Hall
MedStar Washington Hospital Center
Washington, DC
In 2012 The Education and Research Foundation was pleased to announce the establishment of The Alexander Gottschalk Award for the best SNMMI abstract on Clinical Oncology PET presented by a MD of a country member of the ALASBMN (Latin-American Society of Biology and Nuclear Medicine). This $500.00 dollar award was established by Dr. Carlos Bekerman in memory of Dr. Gottschalk and is to be presented at the ERF Awardee Luncheon every year at the SNMMI Annual Meeting.

Dr. Carlos Bekerman announcing the inaugural winner of the 2012 Alexander Gottschalk Award - Dr. Francisca Redondo from Santiago, Chile.
2012 SNMMI Travel Award

The monetary award was entirely applied toward a rental vehicle that transported five students to Texas from Chicago, IL. for the SNMMI Annual Meeting. Looking back on my internship as a CNMT student, I am grateful to have had the opportunity to attend and present my research at a national level. Additionally, I was able to place first overall for my research topic.

Jeremy Musch, CNMT
Siemens Medical Solutions - Hoffman Estates, IL

Dr. Henkin presenting the Inaugural Robert E. Henkin Government Relations Fellowship Award to Dr. Erin Grady at the 2012 ERF Donor and Awardee Luncheon in Miami.

Friends of the ERF
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Angelo Avgeros
Arthur Brown Bainton, BSEE, MBE, CNMT
Cheryl Beegle
Dominique Blanc
Frank Bloe

2013 marked the first year of The Robert E. Henkin Government Relations Fellowship which was created to provide young professionals in nuclear medicine and molecular imaging direct personal exposure to government relations activities of the SNMMI, as well as the state and federal legislative and regulatory process. The Fellowship is also designed to provide gifted and highly motivated young nuclear and molecular imaging professionals with first-hand experience in the process of health policy development. Dr. Robert E. Henkin created this Endowed Award in memory of his late wife Renae Henkin.
Our Donors

2012 CMIIT Laboratory Professional Award

This award allowed me to travel to the Annual Meeting and present my research to a large and diverse audience of doctors and clinicians from all over the world. I am extremely grateful to the ERF that recognized non-Ph.D. lab professionals like me, who may not fall under the various categories for which awards are routinely conceptualized. This award has positively motivated me to work even harder to achieve my research goals.

Mrudula Pullambhatla
Johns Hopkins University

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Joseph Giardina, CNMT
Kelly Glazener
Christopher Michael Gleason, CNMT
Edwin G. Goldstein, MD, ABNM, ABR, BA
Helen Grachan-Fink

2012 SNMMI Travel Award

With this award I was able to give oral and poster presentations about my research for the first time at an annual meeting. Additionally, I attended lectures and discussed research involving new topics and tracers, as well as networked with others in the field. Lastly, I attended the board review course, which ultimately helped me pass my board exam in 2012.

Meena Kumar, M.D.
Stanford University Medical Center
Your funding enabled my presentation of two oral and two poster presentations. In addition to having an incredible opportunity to share the results of multiple research efforts I also gained valuable feedback from peers during and after the presentations.

Robert Doot, Ph.D.
University of Washington
School of Medicine

The scholarship significantly impacted my ability to achieve both my educational and professional goals. Having it to assist with my tuition, I was able to continue working as a full-time lead nuclear medicine technologist, as well as a full-time student. With the financial burden lifted, I was able to concentrate on the tasks ahead, such as completing studies and assisting three research projects at both Alegent Health and Creighton University. I cannot tell you how much this award means to me, I am honored and feel so fortunate. I sincerely thank you.

Scott Degenhardt, CNMT, BS, ARRT(N)
Bachelor's of Radiation Science (Nuclear Medicine)
University of Nebraska Medical Center

2012 SNMMI Travel Award

2012 SNMMITS Advanced Practitioner Award

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David Lilien, MD
Janet Lowe, CNMT, RT(R)(N)
Teresa Lucas
Jamshid Maddahi, MD
Michael Magee, MD
Stan Majewski, PhD
Please accept my sincerest appreciation for the SNMMITS Bachelor’s Degree Completion Scholarship you awarded me. I was honorably discharged from the US Navy in 1995 after serving almost 8 years. I worked several labor intense jobs trying to feed my family before the opportunity to attend college was realized. This scholarship assisted me in several ways. The first, and obvious is financially. This has also further motivated my educational goals. Upon graduating in May, I will begin working on my MBA. Please accept my heartfelt thanks and appreciation for this generous award. I will be forever grateful.
Friends of the ERF
Barry R. Paull, MD, ABNM, ABR
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Julie Price, PhD
Janet Reddin, PhD
James Reynolds
Susan K. Riesau, CNMT
Juan Rivera
Terry Roy, AS
Namat Saidi

2012 SNMIMITS Bachelor’s Degree Completion Scholarship

My long-term goals are simple: I want to work with the public and help people. I am currently working as a temporary Nuclear Medical Technologist at the University of Michigan in the Cardiovascular Center.

Thank you so much for awarding me this scholarship. It means more to me than you will ever know. It gave me the feeling that someone was there cheering me on. It’s humbling. Thank you.

Shannon Whitten, BS
Mercy College of Ohio

2012 marked the inauguration of The Drs. Tapan and Tuhin K. Chaudhuri Award for Best SNM Abstract Involving Breast Cancer Research. The Chaudhuri brothers established this award in memory of their two sisters who died of cancer – Professor Tandra R. Chaudhuri and Mrs. Tamasa R. Mallik. It will be presented annually to the primary investigator of the best paper in breast cancer research. The Chaudhuri brothers both specialize in nuclear medicine and believe the cure for breast cancer will come through such treatment modalities as radiolabeled monoclonal antibody therapy.
Our Donors

Friends of the ERF

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- Zheng Wang, PhD
- Mark R. Watts, CNMT, RT(N)
- Jennifer Williams
- Wendell Yiu Yap, MD
- Yongqiang Zhang, CNMT

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Abass Alavi, MD, and Steven Larson, MD, were each awarded the 2012 Benedict Cassen Prize for their independent research contributions in nuclear medicine

*University of Pennsylvania and Memorial Sloan-Kettering Cancer Center physicians honored for their contributions to the development and growth of the field*

Abass Alavi, MD, and Steven Larson, MD, known for their substantial research and contributions to the field of nuclear medicine, were awarded the Education and Research Foundation's Benedict Cassen Prize in 2012. This honor is given every two years to living scientists or physician/scientists whose work has led to major advances in basic or clinical nuclear medicine science.

“We had two very worthy recipients of the Cassen Prize,” stated Peter Conti, MD, PhD, FACNM. “We honored Dr. Alavi for his contributions in the development of modern imaging techniques, including positron emission tomography, as revolutionary tools for conducting basic science research and improving patient care. Dr. Larson was honored for his research and leadership, which have advanced nuclear medicine science, especially in the uses of radionuclides for diagnosis and treatment of cancer.”

During a special plenary session at SNMMI’s Annual Meeting, Alavi and Larson each presented a Cassen Award Lecture. Alavi’s presentation focused on the evolution and unparalleled contributions of FDG-PET imaging techniques over the past three decades, while Larson addressed advances in molecular imaging and therapy for prostate and thyroid cancer.
Trained in internal medicine, hematology and nuclear medicine, Dr. Alavi is currently a professor of radiology and director of research education at the University of Pennsylvania School of Medicine. He has conducted pioneering research in modern imaging techniques including PET, single-photon emission-computed tomography (SPECT), computed tomography (CT) and magnetic resonance imaging (MRI). "I am very honored to be recognized by such a prestigious prize," Alavi said. "I would like to share this great honor with my mentors, students and collaborators, without whom I could not have achieved this distinction. Ever since I entered medical school, I have searched for a specialty that would combine hard core sciences with the practice of medicine, and I found this combination best represented in the field of molecular imaging." During his career at the University of Pennsylvania, Alavi has been a prolific researcher, with his research activities supported primarily by the National Institutes of Health. He has published more than 900 scientific papers, more than 150 book chapters, editorials and reviews and 34 books, making him the most published and cited faculty member at the University of Pennsylvania. He has served in editorial positions for many journals and currently is the consulting editor for PET Clinics and Editor in Chief of Current Molecular Imaging and Advances in Bioscience and Biotechnology. Alavi has also mentored more than 140 trainees in nuclear medicine, some of whom are leaders in the field internationally.

Throughout his career, Dr. Larson has emphasized translating laboratory discoveries and radiotracer development into clinical research and advanced nuclear medicine practice. His PET research has emphasized treatment response assessment, especially in prostate cancer, thyroid cancer, esophageal cancer and breast cancer. "Since I was a student in the mid-1960s I have loved every minute of being a nuclear medicine physician and researcher. The combination of science and technology with patient care has made for an exciting career," noted Larson. "Over the years I have had the benefit of working with supportive institutions and wonderful mentors, including Henry Wagner, Jr., MD, Wil Nelp, MD, and Hedvig Hricak, MD, PhD. I am grateful to them and countless other colleagues with whom I’ve had the pleasure to work." Larson is an attending physician in the Department of Radiology at Weill Cornell University Medical Center and a professor in the Department of Radiology at Memorial Sloan Kettering Cancer Center. He is Chief of Nuclear Medicine Service, vice chair for Radiology Research, and Director of the Laurent and Alberta Gerschel Positron Emission Tomography Center. He is also the Donna & Benjamin M. Rosen chair in the Department of Radiology at Memorial Sloan Kettering Cancer Center in New York, NY.

The Cassen Prize, honors Benedict Cassen, whose invention of the rectilinear radioisotope scanner—the first instrument capable of making an image of radiotracer distribution in body organs of living patients—was seminal to the development of clinical nuclear medicine. Alavi and Larson are among the 12 individuals who have been presented this prestigious $25,000 award by the ERF for Nuclear Medicine and Molecular Imaging since 1994.
The SNMMI/SNMMITS Scholarships, Grants and Awards Program is funded by the Education and Research Foundation for Nuclear Medicine and Molecular Imaging. We are very proud of the 2012 award winners that represent the best and brightest of the future of the field.

2012 SNMMI/SNMMITS Scholarships, Grants & Award Programs funded by The Education & Research Foundation

2012 Alavi-Mandell Awards

Serial $^{18}$F-FDG PET Demonstrates Benefit of Human Mesenchymal Stem Cells in Treatment of Intracerebral Hematoma: A Translational Study in a Primate Model

Ming Feng, Hua Zhu, Zhaohui Zhu, Junji Wei, Shan Lu, Qin Li, Nan Zhang, Guilin Li, Fang Li, Wenbin Ma, Yihua An, Robert Chunhua Zhao, Chuan Qin and Renzhi Wang

Department of Neurosurgery of Peking Union Medical College Hospital, Chinese Academy of Medical Science and Peking Union Medical College, Beijing, China


Simultaneous PET and Multispectral 3-Dimensional Fluorescence Optical Tomography Imaging System

Changqing Li, Yongfeng Yang, Gregory S. Mitchell and Simon R. Cherry

Department of Biomedical Engineering, University of California, Davis, Davis, California


Radiation Dosimetry of $^{82}$Rb in Humans Under Pharmacologic Stress

Srinivasan Senthamizhchelvan, Paco E. Bravo, Martin A. Lodge, Jennifer Merrill, Frank M. Bengel and George Sgouros

Division of Nuclear Medicine, Russell H. Morgan Department of Radiology and Radiological Science, Johns Hopkins University, Baltimore, Maryland


Beta-cell Imaging: Opportunities and Limitations

Thomas C. Kwee, Sandip Basu, Babak Saboury, Drew A. Torigian, Ali Naji and Abass Alavi

Hospital of the University of Pennsylvania, Philadelphia, Pennsylvania

Incidental Diagnosis of Thrombus Within an Aneurysm on $^{18}$F-FDG PET/CT: Frequency in 926 Patients
Razi Muzaffar, Ganesh Kudva, Nghi C. Nguyen and Medhat M. Osman
Division of Nuclear Medicine, Department of Radiology, Saint Louis University, Saint Louis, Missouri

Transport of Selected PET Radiotracers by Human P-Glycoprotein (ABCB1) and Breast Cancer Resistance Protein (ABCG2): An In Vitro Screening
Nicolas Tournier, Héric Valette, Marie-Anne Peyronneau, Wadad Saba, Sébastien Goutal, Bertrand Kuhnast, Frédéric Dollé, Jean-Michel Scherrmann, Salvatore Cisternino, and Michel Bottlaender
CEA, I2BM, Service Hospitalier Frédéric Joliot, Orsay, France

Effect of Interferon-α Treatment on $^{68}$Ga-DOTA,Tyr3,Thre8]Octreotide Uptake in CA20948 Tumors: A Small-Animal PET Study
François-Xavier Hanin, Stanislas Pauwels, Anne Bol, Marleen Melis, Wout Breeman, Marion de Jong and François Jamar
Molecular Imaging and Experimental Radiotherapy Unit (MIER), Université Catholique de Louvain, Brussels, Belgium

Reproducibility of Serial Left Ventricle Perfusion, Volume, and Ejection Fraction Measurements Using Multiplexed Multipinhole SPECT in Healthy Rats and Rats After Myocardial Infarction
Jared H. Strydhorst, Frans H. Leenen, Terrence D. Ruddy and R. Glenn Wells
Division of Cardiology, University of Ottawa Heart Institute, Ottawa, Ontario, Canada

$^{11}$C-NS14492 as a Novel PET Radioligand for Imaging Cerebral α7 Nicotinic Acetylcholine Receptors: In Vivo Evaluation and Drug Occupancy Measurements
Anders Ettrup, Jens D. Mikkelsen, Szabolcs Lehel, Jacob Madsen, Elsebet Ø. Nielsen, Mikael Palner, Daniel B. Timmermann, Dan Peters and Gitte M. Knudsen
Neurobiology Research Unit, Copenhagen University Hospital, Rigshospitalet, Copenhagen, Denmark

Molecular Imaging with $^{11}$C-PD153035 PET/CT Predicts Survival in Non–Small Cell Lung Cancer Treated with EGFR-TKI: A Pilot Study
Xue Meng, Billy W. Loo, Jr., Li Ma, James D. Murphy, Xindong Sun and Jinming Yu
Department of Radiation Oncology, Shandong Cancer Hospital, Jinan, Shandong, China

PET of CXCR4 Expression by a $^{68}$Ga-Labeled Highly Specific Targeted Contrast Agent
Eleni Gourni, Oliver Demmer, Margret Schottelius, Calogero D’Alessandria, Stefan Schulz, Ingrid Dijkgraaf, Udo Schumacher, Markus Schwaiger, Horst Kessler and Hans-Jürgen Wester
Pharmaceutical Radiochemistry, Technische Universität München, Garching, Germany
MRI-Assisted PET Motion Correction for Neurologic Studies in an Integrated MR-PET Scanner

Ciprian Catana, Thomas Benner, Andre van der Kouwe, Larry Byars, Michael Hamm, Daniel B. Chonde, Christian J. Michel, Georges El Fakhri, Matthias Schmand and A. Gregory Sorensen

Athinoula A. Martinos Center for Biomedical Imaging, Department of Radiology, Massachusetts General Hospital, and Harvard Medical School, Charlestown, Massachusetts


In Vivo Imaging of Mineral Deposition in Carotid Plaque Using $^{18}$F-Sodium Fluoride PET/CT: Correlation with Atherogenic Risk Factors

Thorsten Derlin, Christian Wisotzki, Ulrich Richter, Ivayla Apostolova, Peter Bannas, Christoph Weber, Janos Mester and Susanne Klutmann

Department of Nuclear Medicine, University Medical Center Hamburg–Eppendorf, Hamburg, Germany


Correlation of Inflammation Assessed by $^{18}$F-FDG PET, Active Mineral Deposition Assessed by $^{18}$F-Fluoride PET, and Vascular Calcification in Atherosclerotic Plaque: A Dual-Tracer PET/CT Study

Thorsten Derlin, Zoltán Tóth, László Papp, Christian Wisotzki, Ivayla Apostolova, Christian R. Habermann, Janos Mester and Susanne Klutmann

Department of Nuclear Medicine, University Medical Center Hamburg-Eppendorf, Hamburg, Germany


Feasibility of $^{11}$C-Acetate PET/CT for Imaging of Fatty Acid Synthesis in the Atherosclerotic Vessel Wall

Thorsten Derlin, Christian R. Habermann, Zsolt Lengyel, Jasmin D. Busch, Christian Wisotzki, Janos Mester and László Pávics

Department of Nuclear Medicine, University Medical Center Hamburg-Eppendorf, Hamburg-Eppendorf, Germany


Hepatic Galactose Metabolism Quantified in Humans Using 2-$^{18}$F-Fluoro-2-Deoxy-D-Galactose PET/CT

Michael Sørensen, Kasper Sandager Mikkelsen, Kim Frisch, Ludvik Bass, Bo Martin Bibby and Susanne Keiding

PET Centre, Aarhus University Hospital, Aarhus, Denmark


Cost-Effectiveness of Routine $^{18}$F-FDG PET/CT in High-Risk Patients with Gram-Positive Bacteremia

Fidel J. Vos, Chantal P. Bleeker-Rovers, Bart Jan Kullberg, Eddy M.M. Adang and Wim J.G. Oyen

Department of Internal Medicine, Radboud University Nijmegen Medical Centre, Nijmegen, The Netherland


Bombesin Antagonist–Based Radioligands for Translational Nuclear Imaging of Gastrin-Releasing Peptide Receptor–Positive Tumors

Keelara Abiraj, Rosalba Mansi, Maria-Luisa Tamma, Melpomeni Fani, Flavio Forrer, Guillaume Nicolas, Renzo Cescato, Jean Claude Reubi and Helmut R. Maecke

Division of Radiological Chemistry, University Hospital Basel, Basel, Switzerland

PET with the $^{89}$Zr-Labeled Transforming Growth Factor-β Antibody Fresolimumab in Tumor Models
Department of Medical Oncology, University of Groningen and University Medical Center Groningen, Groningen, The Netherlands

Attenuation Correction Methods Suitable for Brain Imaging with a PET/MRI Scanner: A Comparison of Tissue Atlas and Template Attenuation Map Approaches
Ian B. Malone, Richard E. Ansorge, Guy B. Williams, Peter J. Nestor, T. Adrian Carpenter and Tim D. Fryer
Cavendish Laboratory, University of Cambridge, Cambridge, United Kingdom

In Vivo Long-Term Kinetics of Radiolabeled $N,N$-Dimethyltryptamine and Tryptamine
Arturo A. Vitale, Alicia B. Pomilio, Carlos O. Cañellas, Martín G. Vitale, Eva Maria Putz and Jorge Ciprian-Ollivier
PRALIB (CONICET, UBA), Facultad de Farmacia y Bioquímica, Universidad de Buenos Aires, Buenos Aires, Argentina

2012 Paul Cole Scholarships

The Paul Cole Scholarship is named in memory of Paul Cole, CNMT, who served as President of the SNM Technologist Section (SNMTS) in 1986 and who was known as a champion of education for technologists.

Fifteen $1,000 scholarships are awarded through a grant from the Education and Research Foundation for SNM.

**Bachelor Degree Program**
- Samantha Benavidez – Baptist Health Schools Little Rock/University of Central Arkansas
- Jennifer Berrios – Kent State University, Salem Campus
- Jarin Bjerke – Mayo School of Health Sciences
- Sydney Bryant – The Nuclear Medicine Institute at The University of Findlay
- Patricia Buch – Georgia Health Sciences University
- Sally Enriquez – University at Buffalo, SUNY
- Teri Fuller – Virginia Commonwealth University
- Rodney Hille – College of DuPage

**Associate Degree Program**
- Theresa Cole – Macomb Community College
- Elizabeth Hall – The University at Buffalo
- Rebecca Holstein – The Nuclear Medicine Institute at The University of Findlay

**Certificate Program**
- Mark Barrington – St. Vincent’s School of Nuclear Medicine Technology
- Laurel Campbell – Stonehill College
- Jessica Cox - William Beaumont Hospital School of Allied Health
- (Christopher) Bryce Gillman - British Columbia Institute of Technology

**Paul Cole Scholarship Certificate Program Recipient**

I am writing you this letter to thank you for your generosity. It is a great honor to be selected for this award. Your valuable contribution is very important toward the success of my future career. Without donors like you, many students – including myself – would be unable to pursue the career of their dreams.

Bryce Gillman - British Columbia Institute of Technology
2012 SNMMI Travel Awards

The SNMMI Travel Awards are designed to support students and postdoctoral or clinical trainees to attend the Annual Meeting of the SNMMI in order to present research that has been selected for inclusion in the scientific program of the annual meeting.

Twenty-three $1,000 awardees were selected for the 59th Annual SNMMI Meeting in Miami Beach, FL. Selection of recipients was based upon the abstract ranking, number of abstracts accepted, method of presentation (oral presentations are preferred), as well as the membership status of the applicant & recommender (active membership status is preferred).

Rianot Amzat, MD, MPH
Amit Bhoil, MD
Oscar Brouwer, MD
Chung Chan, PhD
Hongyoon Choi, MD
Robert Doot, PhD
Jordan P. Hall
Pedram Heidari, MD
Hao Hong, PhD
Gauri Khorjekar, MD
Arda Konik, PhD
Harshad Kulkarni, MD
Meena Kumar, MD
Zhaoefi Liu, PhD
M Reza Mirbolooki, MD, PhD
Yen Ng, MS
Bosky Ravindranath, PhD
Sampath Santhosh, MD
Abdel Tahari, MD, PhD
Nerissa Viola-Villegas, PhD
Hyun Suk Yoon
Yin Zhang
Lauren Zollinger, MD, MPH

2012 SNMMITS Travel and Student Travel Awards

The SNMMITS Travel & Student Travel Awards are designed to help support registration, travel, and accommodations towards the attendance of nuclear medicine technologists and NMT students who presented abstracts at the 59th SNMMI Annual Meeting in Miami Beach.

Twenty-nine $1,000 awardees were selected. Selection of recipients was based upon the abstract ranking given by the SNMMI Annual Meeting SNMMITS Abstract Reviewers.

Technologists
Go Akamatsu, MS
Tina Alden, B.Sc., RTNM
Jae Min Choi, KSNMT
Amanda Hayes, B.S., RT(R)(N)(CT), CNMT
Dawn Holley, CNMT, R.T.(N)(CT)
Gye Hwan Kim
Jung Soo Kim
Stephanie Krause, B.S., MPH, CNMT
Caroline Kuykendall, CNMT, PET
Kenta Miwa, MSC
Martin Schmitt, BS, CNMT, PET
Tanya Tupper, ARRT (N) CNMT PET

Students
Emam Albarnawi
Alexander Brock
Laurel Campbell
Justin B. Cole, CNMT
Kurt Hammann
Lindsay Henry, CNMT
Forest Hynes
Muhammed Jama
Allison Kluza
Kenny Chun Lai
Jonica Pape
Amber Parker, SNMT
Elise Piekrzyck
Allissa Rankin
Katelyn Schommer
Nicolette Stenzel, SNMT
Katie Tucker, ARRT(N), CNMT, PET

2012 SNMMITS Travel Award

Thanks to the award, I was able to attend the SNMMI Annual Meeting from Japan. Once again, I would like to extend my thanks for your support.

Go Akamatsu
2012 SNMMITS Sue Weiss Clinical Advancement Scholarships

In honor of Susan C. Weiss, SNMMITS Past President and former Executive Director of the Education and Research Foundation for SNM, this scholarship serves to support certified nuclear medicine technologists (CNMTs) who are pursuing clinical advancement through didactic educational programs.
- Jerome Loichinger, University of Cincinnati, Cincinnati, OH
- Jeffery Meden, BS, CNMT, NCT, University of Michigan, Ann Arbor

2012 SNMMITS Bachelor’s Degree Completion Scholarships

This scholarship serves to support current nuclear medicine technologists who are pursuing a Bachelor's degree related to their nuclear medicine careers.
- Scott McKee, Bachelor's of Science in Organization Management, Bethel College, Elkhart, Indiana
- Shannon Whitten, Bachelor's of Science in Medical Imaging, Mercy College of Ohio

2012 SNMMITS Advanced Practitioner Program Scholarships

This scholarship serves to support a student who is pursuing an advanced practitioner program to advance his/her career in nuclear medicine.
- Scott Degenhardt, CNMT, BS, ARRT(N), Bachelor's of Radiation Science (Nuclear Medicine), University of Nebraska Medical Center

2012 Mitzi & William Blahd, MD Pilot Research Grant

This pilot research grant is designed to help a basic or clinical scientists in the early stages of their career conduct research that may lead to further funding.
- Joyita Dutta, PhD, Massachusetts General Hospital
- Jeff Klenc, PhD, Emory University, Dept of Radiology and Imaging Sciences

2012 Bradley-Alavi Student Fellowships

The SNMMI Student Fellowships are designed to stimulate students’ interest in molecular imaging/nuclear medicine by supporting their full-time participation in clinical and basic research activities for three months (or less).
- Francis Deng - Massachusetts General Hospital, Boston, MA
- Elisa Franquet, MD - Beth Israel Deaconess Medical Center, Boston, MA
- Jordan Hall - MedStar Washington Hospital Center, Washington, DC
- Hans Kim - State University of New York Upstate Medical University, Syracuse, NY
- Yin Zhang - University of Wisconsin, Madison, WI

2012 Bradley-Alavi Student Fellowship

Francis Deng - Massachusetts General Hospital, Boston, MA
2012 SNMMITS Outstanding Educator
The purpose of this award is to recognize an SNMMITS member who has demonstrated outstanding service and dedication to the field of nuclear medicine technology.
- C. David Gilmore, MS, CNMT, RT(N), FSNMTS

2012 SNMMITS Outstanding Technologist
The purpose of this award is to recognize an SNMMITS member who has demonstrated outstanding service and dedication to the field of nuclear medicine technology.
- Elizabeth Hackett, RT(N), PET, RT(CT)

2012 CMIIT Laboratory Professional Awards
This award is designed to recognize innovative/novel and high-impact tools, techniques, and practices in molecular imaging developed by non-PhD laboratory professionals.
The Lab Professionals Contribution Award's purpose is to promote the innovative efforts and exemplary accomplishments by individuals in the lab who may not have the opportunity to receive recognition in other arenas. Nominations should focus on achievements in innovation with emphasis on how the achievement has advanced an area of molecular imaging.
- Tamara Anderson
- Jesse Parry
- Mrudula Pullambhatla
- Samir Saleh

2012 Council Young Investigator Awards
Cardiovascular Basic Science Council
1st Place – Balaji Tamarappoo – [18F]CP18, a novel PET tracer for detection of anthracycline-induced apoptosis and cardiotoxicity

2nd Place – Shelly HyaLei Zhang – First simultaneous measurement of myocardial perfusion on whole-body PET/MR

3rd Place – Arun Thukkani – In vivo detection of myocardial caspase-3 activity utilizing the radiolabeled isatin analog [18F]-WC-4-116

Cardiovascular Clinical Science Council
1st Place – Chi-Lun Ko – Effects of respiration on myocardial perfusion imaging with a CZT SPECT camera

2nd Place – Ali Namazian – “PET-defined myocardial sympathetic denervation in Parkinson syndromes: Clinical correlates and impact on survival

3rd Place – Abdel Tahari – Determination of absolute flow quantification: Comparison of different software packages and methods

2012 SNMMITS Susan C. Weiss Clinical Advancement Scholarship Recipient
The funding provided by the Susan C. Weiss Clinical Advancement Scholarship went directly into my November tuition payment. It helped to fund classes in Biostatistics, Spreadsheet Modeling, and The US Healthcare System. I can honestly say that my classes taught me topics that have DIRECTLY impacted my approach to research, and even more so, the understanding of the results.

Jeffery Meden, BS, CNMT, NCT, CCRA
University of Michigan, Ann Arbor
Nuclear Oncology Council

1st Place – Markus Hartenbach - FEC-PET/MRI in primary prostate cancer. Results of a prospective clinical trial

2nd Place – Camilla Bardram Johnbeck – Synergistic effect of combined treatment with 177Lu-DOTATATE and Everolimus in neuroendocrine tumors as monitored by 18F-FDG-PET: Studies in human neuroendocrine xenografts.

3rd Place – Jae Pil Hwang

Brain Imaging Council

1st Place – Rik Ossenkoppele - Increased parietal amyloid burden and metabolic dysfunction in Alzheimer’s disease with early onset

2nd Place – Ansel Hillmer - Quantitative analysis of [18F]nifene kinetics in the nonhuman primate.

3rd Place – Axel Rominger - Longitudinal assessment of cerebral amyloid-β deposition in APP-Swe mice with [18F] florbetaben PET

Computer and Instrumentation Council

1st Place – Yoann Petibon - MR-based motion compensation in simultaneous cardiac PET-MR

2nd Place – Mattijs Elschot - Quantitative comparison of PET and SPECT for imaging the yttrium-90 microsphere distribution after liver radioembolization

3rd Place – Si Chen – Four-dimensional PET image reconstruction with respiratory and cardiac motion compensation from list-mode data

Honorable Mentions

- Ida Nissen – Impact of partial volume corrections on quantitative brain PET studies
- Arda Konik – Comparison of three different methods of acquiring attenuation maps for SPECT in the presence of respiratory motion
- Mike Sattarivand – Symmetric geometric transfer matrix partial volume correction for PET imaging
- Chung Chan – Improved image reconstruction for dedicated cardiac SPECT with truncated projections

Radiopharmaceutical Council

1st Place – Julie Czupryna - In vivo pH detection using switchable 18F labeled Cerenkov probes

2nd Place – Yin Zhang – Dual-modality PET and optical imaging of CD105 expression in breast cancer

3rd Place – Kiel Neumann - New rapid fluorination process for the production of carrier free-F-18 6-[18F]FDA and 6-[18F]-L-DOPA

Correlative Imaging Council

Walter Wolf Young Investigator Award – H.J. Yoon
## Statement of Financial Position

### ASSETS

<table>
<thead>
<tr>
<th></th>
<th>2012</th>
<th>2011</th>
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</thead>
<tbody>
<tr>
<td><strong>CURRENT ASSETS</strong></td>
<td></td>
<td></td>
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<tr>
<td>Cash and cash equivalents</td>
<td>$1,545,997</td>
<td>28,978</td>
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<tr>
<td>Due from the Society of Nuclear Medicine and Molecular Imaging</td>
<td>2,436</td>
<td>7,612</td>
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<td>Pledges Receivable</td>
<td>31,500</td>
<td>22,245</td>
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<tr>
<td>Rent deposit</td>
<td>1,184</td>
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<tr>
<td>Accrued interest receivable</td>
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<td>19,300</td>
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<td><strong>Total Current Assets</strong></td>
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<tr>
<td><strong>OTHER ASSETS</strong></td>
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<tr>
<td>Investments</td>
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<td>7,381,156</td>
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<tr>
<td>Pledges receivable</td>
<td>56,350</td>
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<td><strong>Total Other Assets</strong></td>
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<td><strong>Total Assets</strong></td>
<td>$7,960,995</td>
<td>7,474,716</td>
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### LIABILITIES AND NET ASSETS

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<th>2012</th>
<th>2011</th>
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<td><strong>CURRENT LIABILITIES</strong></td>
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<td>Accounts payable and accrued expenses</td>
<td>$17,779</td>
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<td>Awards payable to the Society of Nuclear Medicine and Molecular Imaging</td>
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<td><strong>Total Current Liabilities</strong></td>
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<td><strong>NET ASSETS</strong></td>
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<td>Unrestricted</td>
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<td>Undesignated</td>
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<td>Board designated</td>
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<td>Quasi-endowment fund</td>
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<td><strong>Total Unrestricted Net Assets</strong></td>
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<td>Temporary restricted</td>
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<td>Permanently restricted</td>
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<td>1,927,711</td>
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<td><strong>Total Net Assets</strong></td>
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<td>7,343,904</td>
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<tr>
<td><strong>Total Liabilities and Net Assets</strong></td>
<td>$7,960,995</td>
<td>7,474,716</td>
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</table>
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