2009 Physician/Scientist/Pharmacist Abstract Awards

Track-specific, symposium-based SNM Young Investigator Awards

- **Cardiovascular Council Young Investigator Award Symposium** (must submit to a category in the Cardiovascular Track for consideration)
- **Neurosciences Young Investigator Award Symposium** (must submit to a category in the Neurosciences Track for consideration)
- **Computer & Instrumentation Council Young Investigator Award Symposium** (must submit to a category in the Instrumentation & Data Analysis Track for consideration)
- **Nuclear Oncology Council Young Investigator Award** (must submit to a category in the Oncology-Basic OR Oncology-Clinical Diagnosis Track for consideration)
- **Radiopharmaceutical Sciences Council Young Investigator Award Symposium** (must submit to a category in the Radiopharmaceutical Chemistry Track for consideration)

Freestanding, non-symposia SNM Young Investigator Awards

- **Molecular Imaging Center of Excellence Young Investigator Award (NEW)** (must submit under Physician/Scientist/Pharmacist program for consideration)
- **Correlative Imaging Council Walter Wolf Young Investigator Award** (must submit under Physician/Scientist/Pharmacist program for consideration)
- **Pediatrics Young Investigator Award** (must submit to Pediatrics category in the General Clinical Specialties Track for consideration)

Freestanding SNM Abstract Awards

- **Siemens Award for Excellence in Practice-Based Research** (must submit to Operations/Practice-Based/Outcomes Research category for consideration)
- **Berson Yalow Award** (must submit as Physician/Scientist/Pharmacist for consideration)
- **Young Professionals Committee (YPC) Awards** (must submit as Physician/Scientist/Pharmacist for consideration)

Technologist and Technologist Student Abstract Awards

- **SNMITS Cardiovascular Council Award** (must submit as Technologist for consideration)

Travel Awards for SNM/SNMTS Abstracts

- **SNM Travel Awards** (Post-doctoral and clinical trainee must be Presenting Author for consideration)
- **Technologist Travel Awards** (Technologist must be Presenting Author for consideration)
- **Technologist Student Travel Awards** (Technologist Student must be Presenting Author for consideration)
Track-specific, symposium-based SNM Young Investigator Awards

**Young Investigator Award Symposia (General Information)**
SNM, in association with SNM Councils, sponsors competitions for the best scientific abstracts submitted to categories within the Cardiovascular, Neurosciences, Computer & Instrumentation, Oncology, and Radiopharmaceutical Chemistry tracks. These prestigious, well-attended, 90-minute award symposium sessions, designated as Young Investigator Award Symposia, include 6-7 oral presentations, each 12 minutes in duration (10 minutes for presentation + 2 minutes for discussion).

The objectives of these Young Investigator Awards Symposia are to:
1. identify promising young investigators working in cardiovascular sciences, neurosciences, nuclear oncology, computer & instrumentation, or radiopharmaceutical sciences
2. assist in furthering the abstract presenter’s professional career, as well as strengthening the theory and practice of these subspecialties in nuclear medicine and molecular imaging and therapy.

**How to Apply for Young Investigator Awards**
All applicants must be currently enrolled or within five [5] years of a completed certified training program. All former first-prize winners are ineligible. To be considered, submitting authors must check the awards box located in the online abstract submitter. SNM Scientific Program Committee members will determine abstract acceptance to a Young Investigator Award symposium based on a rating scale. Final candidates are notified, and award recipients will be expected to appear at the respective Council Business Meetings during the SNM Annual Meeting to receive their certificate and monetary reward(s).

**Cardiovascular Young Investigator Award Symposium**
SNM-sponsored symposium and competition, in association with the SNM Cardiovascular Council, for the best scientific abstracts on basic or clinical cardiovascular nuclear medicine, designated as the SNM Cardiovascular Young Investigator Award. The objectives of the award are to identify promising young investigators working in cardiovascular nuclear medicine. All applicants must be currently enrolled in or within five (5) years of a completed certified training program (there is no age limit). To qualify, authors must check the provided award box during online abstract submission.

- All applicants must submit abstract to one of the two categories in the Cardiovascular Track, and indicate their desire to be considered for this award during online submission.
- No separate submission is necessary.
- All former first-prize winners are ineligible.
- All applicants must select “Oral or Poster” as the presentation type during submission.
- Monetary prizes are offered and received by the presenting author for this award.

**Brain Imaging Council (Neurosciences) Young Investigator Award Symposium**
SNM-sponsored symposium and competition, in association with the SNM Brain Imaging Council, for the best scientific abstracts on Neurosciences nuclear medicine, designated as the SNM Neurosciences Young Investigator Award. The objectives of the award are to identify promising young investigators working in Neurosciences nuclear medicine. To qualify, authors must check the provided award box during online abstract submission.

- Applicants must be medical students, residents, fellows or graduate students, or be within 2 years of completing a Ph.D. or certified nuclear medicine training program (there is no age limit).
- No separate submission is necessary. Applicants should submit an abstract to one of the three (3) categories within the Neurosciences Track and indicate their desire to be considered for this award. The abstract must be original research, not previously published or presented.
- All applicants are encouraged to submit supporting data, to allow a better evaluation of their work.
• All former first-prize winners are ineligible.
• All applicants must choose “Oral or Poster” as the presentation type.
• Presenters for the Neurosciences Young Investigators Symposium platform session will be selected on the basis of their submitted abstracts. The award winners will be selected after the symposium from among the presenters.
• Monetary prizes are offered and received by the presenting author for this award.

**Computer and Instrumentation Council Young Investigator Award Symposium**

SNM-sponsored symposium and competition, in association with the SNM Computer and Instrumentation Council, for the best scientific abstracts on Computer & Instrumentation research in nuclear medicine, designated as the SNM Computer & Instrumentation Young Investigator Award. The objectives of the award are to identify promising young investigators working in instrumentation and data analysis pertaining to nuclear medicine. To qualify, authors must check the provided awards box during online abstract submission. Entry is open to medical students, residents, fellows, graduate students, post-doctoral fellows and those with less than two years experience as a faculty member.

- Abstracts must be submitted to categories within the Instrumentation and Data Analysis Track.
- All applicants must be currently enrolled or within five (5) years of a completed certified training program.
- All former first-prize winners are ineligible.
- All applicants must select “Oral or Poster” as the presentation type during submission.
- Monetary prizes are offered and received by the presenting author for this award.

**Nuclear Oncology Council Young Investigator Award Symposium**

SNM-sponsored symposium and competition, in association with the SNM Nuclear Oncology Council, for the best scientific abstracts on Nuclear Oncology related topics in nuclear medicine, is designated as the SNM Nuclear Oncology Young Investigator Award.

The objectives of the award are to identify promising young investigators working in Nuclear Oncology related fields in nuclear medicine. To qualify for consideration to this award, authors must click the awards checkbox during online abstract submission.

Requirements and guidelines:

- Applicants must be medical students, residents, fellows or graduate students, or be within 2 years of completing a Ph.D. or certified nuclear medicine training program (there is no age limit).
- No separate submission is necessary. Applicants should submit an abstract to one of the categories within the Oncology Track to be considered for this award. The abstract must be original research, not previously published or presented.
- All applicants are encouraged to submit supporting data (references, table, and/or image), to allow a better evaluation of their work. Supporting data is not to be published.
- Applicants submitting more than one abstract, in contention for other SNM YI awards, may win only one award.
- All applicants must choose “Oral or Poster” as the Presentation Type; abstracts submitted as “Poster Only” or accepted as poster presentations will not be considered.
- Seven (7) finalists (abstract presenters) will be included in the the Nuclear Oncology Young Investigators Symposium platform session during the SNM Annual Meeting, selected on the basis of their submitted abstracts. The award winners will be selected after the symposium, and will be announced during the Nuclear Oncology Council business meeting.
- Monetary prizes are offered and received by the presenting author for this award.
Radiopharmaceutical Sciences Council Young Investigator Award Symposium

During the SNM Annual Meeting, three (3) Radiopharmaceutical Sciences Council (RPSC) Young Investigator Awards will be given to qualified applicants for submitting and presenting the top (judged) abstracts in the Radiopharmaceutical Chemistry Track.

How to Apply: Applicants must be either a graduate student, a postdoctoral fellow with less than six years since receiving her/his Ph.D., or a junior faculty 35 years of age or younger by the start date of the SNM Annual Meeting. Prior year award recipients are not eligible for the award. Interested applicants should check the appropriate box located in SNM’s online abstract submitter to request consideration for the award. The abstract must be original research, never published nor previously presented. The abstract should be prepared using SNM abstract submission guidelines.

Submitters of the top seven (7) scored abstracts in the Radiopharmaceutical Chemistry Track, which are designated for consideration of the award, will be selected as finalists. After notification, the finalists should e-mail or fax a copy of their curriculum vitae to the Chair of the RPSC Awards Committee for confirmation of eligibility. The finalists (scheduled presenting author) will be required to make an oral presentation at the SNM meeting for further consideration. The seven finalists will present their research at a special RPSC Young Investigator Award Symposium held at the SNM meeting. Presenting applicants will be critiqued during the oral presentations by a committee comprised of RPSC Officers/Board Members, and Radiopharmaceutical Chemistry Track sub-chairs. The RPSC Young Investigator Award recipients will be announced at the SNM meeting, in an e-mail communication with RPSC membership, and on the RPSC Web pages.

Freestanding, non-symposia SNM Young Investigator Awards

Molecular Imaging Center of Excellence Young Investigator Award

SNM-sponsored competition, in association with the SNM Molecular Center of Excellence, for the best scientific abstracts on basic or clinical molecular imaging, designated as the SNM Molecular Imaging Center of Excellence Young Investigator Award. The objectives of the award are to identify promising young investigators working in molecular imaging. All applicants must be currently enrolled in or within five (5) years of a completed certified training program (there is no age limit). To qualify, authors must check the *consider for Molecular Imaging Center of Excellence young investigator award* box during online abstract submission for the SNM Annual Meeting.

- The abstract must be original research, not previously published or presented elsewhere.
- No separate submission is necessary.
- All former first-prize winners are ineligible.
- Author(s) must select “Oral or Poster” as the presentation preference during abstract submission; abstracts with “Poster Only” presentation preference will not be considered.
- Monetary prizes and certificates are offered.
- The Presenting Author of the abstract will be the recipient of monetary prizes and certificates.

Correlative Imaging Council Walter Wolf Young Investigators Award

The SNM Correlative Imaging Council established the Walter Wolf Young Investigator Award in 2006 in honor of Walter Wolf, Ph.D., Distinguished Professor of Pharmaceutical Sciences and Chair of the Biomedical Imaging Science Initiative at the University of Southern California. Dr. Wolf, who is also a Past President of the Correlative Imaging Council, has been a leader in the field of pharmacokinetic imaging and drug development.
This award recognizes a young investigator for originality, scientific methodology, and overall contribution to Molecular Imaging or Therapy through original research showing the importance and value of correlative imaging in all fields of medicine. The award recipient (presenting author) will receive a certificate + monetary prize.

NOTE: This is a freestanding award, and thus is not part of an awards symposium. There will be a single award winner for the best correlative imaging abstract, as evaluated by qualified SNM committee members across categories. The award will be presented at the Correlative Imaging Council Business Meeting during the SNM Annual Meeting, and will be recognized by the Moderator of the scientific session for which it was accepted.

To be considered for the Walter Wolf Award:

- Investigators must submit to the Physician/Scientist/Pharmacist program. This award is not track- or category-specific. Abstracts submitted to any track/category within the Physician/Scientist/Pharmacist program are eligible for consideration.

- Investigators must choose “Oral or Poster” as the designated presentation type. “Poster Only” submissions, as well as abstracts accepted as posters, will not be considered.

- Investigators are encouraged to submit supporting data to allow better evaluation of their work by SNM peer review teams. Supporting data may include 1 table, and/or 1 image, and/or a set of references. Supporting data is neither publishable nor reproducible, and is used solely for the purpose of conducting abstract reviews by a qualified team of experts in the field.

- Investigators must be a pharmacist, physician, scientist, technologist, or allied health professional in-training, and less than 10 years in practice.

- Investigators may be considered for multiple awards, but only one award will be given per investigator. The lead investigator (Presenting Author/Award Recipient) must be designated at the time of abstract submission.

- The winner of this award must be able to provide a power point presentation of his/her abstract to the Correlative Imaging Council board members at the SNM Annual Meeting.

Pediatrics Council Young Investigator Award Symposium
This SNM-sponsored competition, in association with the SNM Pediatrics Council, offers young investigators the opportunity to receive an award for the best scientific abstract submitted to the Pediatric category.

The objective of the SNM Pediatrics Council Young Investigator Award is to identify promising young investigators working in Pediatric nuclear medicine, Pediatric molecular imaging and therapy of Pediatric disease. Only a single winner will be chosen. A monetary award, certificate, and 1-year FREE membership to SNM Pediatrics Council are included as prizes.

NOTE: This is a freestanding award, and thus is not part of an awards symposium. There will be a single award winner for the best pediatrics abstract, as evaluated by qualified SNM committee members within the Pediatrics category. The award will be presented at the Pediatrics Council Business Meeting during the SNM Annual Meeting, and will be recognized during a Pediatrics scientific session.

To be considered for the Pediatrics Council YI Award:
- Authors must check the "Pediatric Council Young Investigator Award" during online abstract submission.
- Abstracts must be submitted to the Pediatrics category, located within the General Clinical Specialties track.
- Applicants must choose "Oral or Poster" as the desired presentation type. "Poster Only" submissions will not be considered.
- Applicants are encouraged to submit supporting data to allow better evaluation of their work by SNM peer review teams. Supporting data may include 1 table, and/or 1 image, and/or a set of references. Supporting data is not publishable nor reproducible, and is used solely for the purposes of peer reviews by a qualified team of experts in the field.
- Entry is open to presenting authors currently enrolled in or within five (5) years of a completed certified training program.
- The abstract must be original research, not previously published or presented as a full paper.

Freestanding SNM Abstract Awards

(NEW) Siemens Award for Excellence in Practice-Based Research

The purpose of the SNM-Siemens Award for Excellence in Practice-Based Research is to encourage interested authors to submit abstracts that demonstrate the economic value of molecular imaging including nuclear medicine in the daily patient management process and, ultimately, improved patient outcomes. This is especially important as many of our emerging applications and their utilization are limited by valid research studies and their impact on reimbursement and other factors.

To be considered for this new award, abstracts must be submitted to the Operations/Practice-Based/Outcomes Research category, under the General Clinical Specialties track. These papers should contain research objectives and/or results that evaluate the potential for SPECT and PET and other molecular imaging based technology including:

- reducing costs for payers while increasing or maintaining quality of patient care
- limiting costs for lengthy non-effective treatments
- utilizing hybrid devices in a true dual modality use (e.g. PET/CT versus stand-alone CT)
- better utilization of resources (real-estate, operators, etc)
- case-based studies that may be used to address issues related to reductions in reimbursements (e.g. DRA-related reductions)

This award is an SNM initiative with Siemens acting as the official grantor. SNM intends to seek, evaluate, publish, and subsequently present, to an international audience, innovative practice-based investigations concerning the economic pressures and potential business solutions explored via scientific research.

Abstracts submitted for this award will undergo the same submission, review and session assignment processes as other SNM tracks and categories. The SNM Scientific Program Committee will be responsible for evaluating the content of submitted abstracts to determine their eligibility for this award, and will consequently select the winning presentations. A committee will select the key papers, and identify the award winners after the oral presentations are made.

Siemens Molecular Imaging commits to a restricted fund for this initiative. The award recipient (presenting author) will receive a certificate + monetary prize. All abstract candidates selected for this
session hosting the Siemens Award for Excellence in Practice-Based Research will receive a monetary prize and a certificate, following the SNM Annual Meeting.

- **First Place**: Amount TBD + certificate (awarded to presenting author)
- **Second Place**: Amount TBD + certificate (awarded to presenting author)
- **Third Place**: Amount TBD + certificate (awarded to presenting author)
- **Honorable Mentions**: Four Honorable Mentions (amount TBD) will be awarded.

This award recognizes an investigator for originality, scientific methodology, and practical applications. Abstract must contain scientific examination on the economic value of practice- or evidence-based research in the field of Nuclear Medicine and Molecular Imaging and Therapy.

**Eligibility Criteria:**

- Investigators must submit to the Operations/Practice-Based/Outcomes Research category within the General Clinical Specialties track. This award is category-specific; only those abstracts submitted (or re-categorized) to this category will be considered.

- Investigators must choose “Oral or Poster” as the designated presentation type. “Poster Only” submissions, as well as abstracts accepted for poster presentation, will not be considered.

- Investigators are encouraged to submit supporting data to allow better evaluation of their work by SNM peer review teams. Supporting data may include 1 table and/or 1 image, and/or a set of references. Supporting data is neither publishable nor reproducible, and is used solely for the purpose of conducting abstract reviews by a qualified team of experts in the field.

- Investigators can be within any profession associated with Nuclear Medicine and/or Molecular Imaging and Therapy. It is not required that the Presenting Author be a physician, scientist or pharmacist in order to submit an abstract for the Operations/Practice-Based/Outcomes Research category.

- Investigators may be considered for multiple awards, but only one award will be given per investigator. The lead investigator (Presenting Author/Award Recipient) must present the abstract during the Siemens Award for Excellence in Practice-Based Research session to receive monetary prize and certificate.

- Recipients of the Siemens Award for Excellence in Practice-Based Research will be announced during the Monday Plenary (June 16) in New Orleans, Louisiana.

**Berson-Yalow Award**
The Berson-Yalow Award celebrates the contributions of Solomon A. Berson, MD, and Rosalyn S. Yalow, PhD (Nobel Laureate 1977), who pioneered the principle of the competitive binding assay and used it to develop the field of radioimmunoassay, a mainstay of early nuclear medicine. Thus, this award recognizes outstanding original work that involves competitive binding or isotope dilution principles applied to a clinical problem.

If your abstract involves these concepts, for example, as a correlation between competitive binding or indicator dilution in vitro with competitive binding or indicator dilution in vivo, it will be considered for this award.

The Scientific Program Committee acts as the selection committee for determining the winner of the Berson-Yalow Award. The contact author of the winning abstract is notified by SNM between late-April and early-May. Other benefits to receiving this award include:
A monetary prize + certificate offered to the award recipient (Presenting Author); the award is presented to the scheduled award recipient at the Radiopharmaceutical Sciences Council Business Meeting during the SNM Annual Meeting.

The award winning abstract is recognized by the session moderator/co-moderator during the scientific session to which it has been assigned.

The award winning abstract is published in the *Abstract Book Supplement to the Journal of Nuclear Medicine* (June issue).

To be considered for this scientific abstract award, click “Apply” in the Award Section (Step 4) when submitting your abstract online. You must submit your abstract under the Physician/Scientist/Pharmacist abstract program to be considered for this award.

**Young Professional Committee (YPC) Award**

This is an SNM-sponsored competition, in association with the SNM Young Professionals Committee (YPC) for the best research-based presentation on basic science or clinical topics, designated as the SNM Young Professionals Committee Award. The main objectives of the YPC awards are to foster quality research by young professionals and to identify promising young professionals in their respective areas.

To be considered for this abstract award, click the “Young Professionals Committee award” radio button when submitting your abstract. You must submit your abstract under the Physician/Scientist/Pharmacist abstract program to be considered for this award. Submitting authors have the option to apply for both the Young Investigator and Young Professionals Committee Awards, but cannot receive BOTH awards.

**Eligibility Requirements:**

- Applicants must be medical students, residents, fellows, graduate or undergraduate students OR young physicians or scientists less than 10 years out of training. MDs, MD-candidates, PhDs, and PhD-candidates are eligible.
- All former first-prize winners are ineligible.

**Submission Requirements:**

- Submit the abstract to the most appropriate Physician/Pharmacist/Scientist Category.
- Abstracts must be submitted as “Oral or Poster” presentation preference. Abstracts submitted as “Poster Only” will not be considered for this award.
- Check the “Young Professionals Award” box when submitting your abstract online.
- No separate submission is necessary.
- Authors can be considered for both Young Investigator Awards and Young Professional Awards. To be considered for a Young Investigator Award, follow the specific submission instructions provided for these awards.

**Review Process and Abstract Presentation:**

- Abstracts will be evaluated by Scientific Program Committee (SPC) review teams.
- If abstract is “accepted” for presentation, the presentation format, oral or poster, will be designated by the SPC chairpersons.
- If selected for an oral presentation, the abstract will be presented during the respective scientific session, with abstracts covering similar topics. There will be no separate Young Professionals oral session.

**Awards:**

- Award-winning abstracts will be presented at the annual Young Professionals Committee Luncheon, held during the Annual Meeting.
Monetary prizes are offered for the following YPC awards:

For Best Clinical Presentation

- 1st Prize = monetary prize + plaque
- 2nd Prize = monetary prize + plaque
- 3rd Prize = monetary prize + plaque

For Best Basic Science Presentation

- 1st Prize = monetary prize + plaque
- 2nd Prize = monetary prize + plaque
- 3rd Prize = monetary prize + plaque
SNMTS – Technologist Abstract Awards

You must submit your abstract as a Technologist to be considered for this award. Presenting author MUST be a certified technologist in a nuclear medicine program in order to receive the award.

**Cardiovascular Council Outstanding Technologist Abstracts Award**
Presented by the Cardiovascular Council to Technologists with outstanding oral abstract presentations related to Cardiovascular Research.

To be considered for this scientific abstract award, click “Apply” in the Award Section (Step 4) when submitting your abstract online. You must submit your abstract under the Technologist abstract program to be considered for this award. Presenting authors MUST be a certified technologist in a nuclear medicine program in order to receive the award.

**Cardiovascular Council Abstract Awards**
First Place (monetary prize + certificate)
Second Place (monetary prize + certificate)
Third Place (certificate only)

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SNMTS Educator’s Track – Technologist Student Abstract Awards
Presenting author MUST be a technologist student in a nuclear medicine program in order to receive the award. You must submit the abstract as a Technologist Student to be considered for this award by the selection committee. Monetary prizes and certificates are given to the Presenting Author of the abstract.

**Technologist Student Abstract Awards**
First Place (monetary prize + certificate)
Second Place (monetary prize + certificate)
Third Place (no monetary award; certificate only)
TRAVEL AWARDS FOR SPC and SNMTS ABSTRACTS

Scientific Program Committee (physicians/scientists) and SNM Technologist Section (technologists/technologist students) will continue to offer travel grants to assist with travel expenses for nuclear medicine technologists and technologist students, as well as postdoctoral and clinical trainees who will be presenting their accepted abstracts at the upcoming SNM Annual Meeting.

**IMPORTANT:** SNM, SNMTS, and SNMTS Student Travel Awards are not applied for during abstract submission. Applications for travel awards must be submitted to the SNM Development Office after abstract acceptance notifications have been sent to corresponding authors on:

- **February 27** for Technologists and Technologist Students
- **March 31** for Physicians/Scientists/Pharmacists

Further information for authors interested in applying for travel awards will be posted on the SNM Abstracts website at [www.snm.org/abstracts](http://www.snm.org/abstracts) on March 31, 2009.

The SNM supports education and research in nuclear medicine and molecular imaging through competitive grants and awards funded by the Education and Research Foundation (ERF) for the SNM and the SNMTS Professional Development and Education Fund (PDEF). For more information on ERF-sponsored awards and grants, please go to the SNM Grants, Awards, and Scholarships page at: [www.snm.org/grants](http://www.snm.org/grants).

**SNMTS Professional Development and Education Fund (PDEF)**

Organized by the Society of Nuclear Medicine Technologist Section (SNMTS), the Professional Development and Education Fund (PDEF) supports the advancement and practice of nuclear medicine technology through activities that:

- Ensure an adequate supply of qualified nuclear medicine technologists
- Encourage research studies, publications, and papers in nuclear medicine technology that promote the development of best-practice techniques
- Advance the educational background of clinical nuclear medicine instructors, practicing nuclear medicine technologists, and those just entering the field
- Advance the education and research programs of SNMTS