

CATEGORICAL SEMINARS: SUNDAY, JUNE 11, 1995

CATEGORICAL SEMINARS: GENERAL OBJECTIVES

The first day of the Society's Annual Meeting has become an expansion of the program. A variety of courses are presented that provide a comprehensive and unique educational experience. The cost is low, the selection is wide and the courses are delivered by the recognized experts. They are not presentations of unconfirmed data but are to give working clinical practitioners a chance to hear the latest practical information about a specific topic.

This year the regular courses in nuclear cardiology, brain imaging, correlative imaging, pediatrics and radiopharmacy will be given with the newest information and techniques to be highlighted. Most of these courses have been changed in content. More specialized courses will deal with PET imaging of cancer and PET imaging of the heart. These two areas have the potential to spread into wide application with the development of alternative imaging techniques, less expensive PET cameras and wider commercial availability of 18-F FDG. The Computer Council will give specific advice in setting up networks within and between departments to move pictures and data to those who need them. The MIRD Committee will again give a course on using MIRD dosimetry methods.

The SNM and ACNP will provide an extremely useful program for those who will be involved in working with managed care. The speakers "have been through it" and will give specific information on problems and solutions.

The Categorical Courses are traditionally followed by users' meetings which can allow one to give direct feedback to suppliers and learn about the latest uses of the products. This portion of the annual program is relaxed, educational and fun. If you grow tired of one of the courses you can visit another without additional cost, and many do just that.

Robert W. Burt, MD

Associate Chair, Categorical Seminars

Rm 101 A B I & J Seminar I 8:30-3:00

Title: Brain SPECT

Sponsored by: The Brain Imaging Council

Organizer: Jack Juni, MD

Educational Objective: At the completion of this course, participants should be able to:

1. Accurately locate the major areas of the cerebral cortex and subcortex on brain SPECT images.
2. Describe the major functions associated with different areas of the human brain.
3. Discuss four indications for performing functional brain SPECT in the evaluation of cerebral vascular disease.
4. Describe the patterns of tracer distribution seen in SPECT studies of patients with partial complex seizure disorders.
5. Describe two patterns of tracer distribution in brain SPECT images of head trauma patients.
6. Describe the patterns of brain perfusion in cocaine abuse.

Rm 101 C D G & H Seminar II 8:30-2:30

Title: Cardiovascular Nuclear Medicine - 1995

Sponsored by: The Cardiovascular Council

Organizer: Raymond Taillefer, MD

Educational Objective: At the completion of the seminar, the attendees should be able to:

1. Identify available cardiac imaging agents and know individual advantages and shortcomings of each.
2. Choose proper methods for pharmacologic stress and performance of SPECT perfusion imaging including gated techniques.
3. Understand techniques for assessing myocardial viability and which to use in specific clinical situations.
4. Present information about the cost-effectiveness and risk stratification roles of nuclear cardiology.

Rm 102 A B & C Seminar III 8:30-2:30

Title: Quantitation of Myocardial Perfusion by PET and MRI

Sponsored by: Society of Nuclear Medicine

Organizer: Joseph A. Bianco, MD

Educational Objective: After attending this course, participants should be able to:

1. Discuss how myocardial perfusion can be measured by PET and MRI.
2. Discuss the values and limitations of the measurements of absolute versus relative coronary flows.
3. Describe instances where regional myocardial perfusion and regional wall motion can be measured and correlated.
4. Identify the clinical and physiologic significance of quantitation of myocardial perfusion.

Rm 102 D E & F Seminar IV 8:30-2:30

Title: Oligonucleotides as Radiopharmaceuticals

Sponsored by: The Radiopharmaceutical Science Council

Organizer: Donald J. Hnatowich, PhD

Educational Objective: After attending this session, the participant should be able to:

1. List relevant chemical properties of RNA and DNA.
2. Describe methods of radiolabeling oligonucleotides.
3. Discuss the pharmacokinetic properties of oligonucleotides in animals and man.
4. Discuss the strengths and limitations of antisense and aptamer applications.

Rm 211 A & B Seminar V 8:30-2:30

Title: Local Area Networks in Nuclear Medicine — Why and How?

Sponsored by: The Computer and Instrumentation Council

Organizer: Trevor D. Craddock, PhD

Educational Objective: Upon completion of this course, the participant should be able to:

1. Discuss fundamental principles of computer networks.
2. Define their department's needs and outline possible cost effective solutions.

3. Discuss local needs with industry representatives so that a suitable pathway to successful installation of a network can be established.
4. Recognize the sources of possible problems and know where to find solutions to outstanding questions.

Rm 103 A B & C Seminar VI 8:30-2:30

Title: Nuclear Medicine Update: Role of Functional Imaging in Clinical Practice

Sponsored by: The Correlative Imaging Council

Organizer: Robert S. Hellman, MD

Educational Objective: After attending this session, participants should be able to:

1. Compare the advantages and disadvantages of radionuclide imaging in screening for renovascular hypertension.
2. Cite the common indications, sensitivity and specificity of somatostatin receptor imaging.
3. Discuss the use of radionuclide breast imaging for detection of malignant neoplasms.
4. Assess the role of nuclear medicine for detecting systemic manifestations of HIV infection.
5. Recognize clinical aspects of colorectal and ovarian cancer in which antibody imaging would be of greatest value, stressing the interrelationships with other imaging studies.
6. Describe the use of other imaging studies in addition to nuclear medicine methods for diagnosis of bone marrow metastases.
7. Describe the limitations of current methods for lung cancer staging and the use of nuclear medicine techniques for staging, including bone scan, PET, monoclonal antibodies and 201Tl.
8. Assess the impact of PET and functional MR imaging compared to previously available methods, on staging and treatment of brain tumors.
9. Describe how the combination of other diagnostic imaging studies (plain films, CT, MRI) with nuclear medicine methods improves the diagnosis of osteomyelitis.

Rm 208 A & B Seminar VII 8:30-2:30

Title: Honey, I Nuked the Kids: The Final Episode

Sponsored by: The Pediatric Imaging Council

Organizer: John H. Miller, MD

Educational Objective: Upon completion of this course, attendees should be able to:

1. Plan appropriate sedation and restraint techniques for nuclear imaging of pediatric patients.
2. Discuss pediatric nuclear imaging as currently practiced in major pediatric referral centers.
3. Discuss specific state-of-the-art pediatric nuclear imaging methods of the brain, heart, gastrointestinal and genitourinary tracts.

Rm 103 D E & F Seminar VIII 8:30-2:00

Title: Cancer Evaluations with PET

Sponsored by: Society of Nuclear Medicine

Organizer: Randall A. Hawkins, MD

Educational Objective: Upon completion of this course, the attendee should be able to:

1. Identify primary cancers for which PET has clinical utility in diagnosis, staging and treatment monitoring.
2. Briefly describe biochemical mechanisms and design principles of PET radiopharmaceuticals of particular use in oncology.
3. Recognize the similarities and differences in PET imaging systems as they relate to cancer evaluations.
4. Appraise clinical and research utilization proposals PET in cancer evaluations.

Rm 208 C & D Seminar IX 8:30-2:00

Title: Workshop on Quantitative Biological Data Collection and Calculation of Absorbed Dose Estimates Using the MIRD Method

Sponsored by: The MIRD Committee

Organizer: Jeffrey A. Siegel, PhD

Educational Objective: Following the didactic sessions, the attendee should be able to:

1. Describe the MIRD schema for dose estimation.

2. List the fundamental steps in calculating absorbed dose.

3. Perform absorbed dose calculations.

4. Determine and analyze biological distribution and clearance data.

Off site Seminar X 8:30-1:00

Title: Computers for the Computer Shy

Sponsored by: The Computer and Instrumentation Council

Organizer: Barbara Y. Croft, PhD

Educational Objective: After attending this session, participants should be able to:

1. Identify and describe the basic operational units of a typical personal computer.
2. Perform common functions on a PC using the MS-DOS system.
3. Demonstrate typical quantitative assessment performed on PC.
4. Describe three or four applications of a (nonimaging) computer in a nuclear medicine laboratory.

Rm 101 E & F Seminar XI 8:15-2:30

Title: Living with the New World of Managed Care

Sponsored by: American College of Nuclear Physicians

Organizer: Robert L. Meckelburg, MD, FACNP

Educational Objective: After attending this course, the participant should be able to:

1. List the types of managed care arrangements appearing in today's practice of medicine.
2. Discuss the relative strengths and weaknesses of managed care programs for their own practice situations.
3. Describe the inter-relationships between hospitals, insurers, plan administrators and physicians in managed care negotiations.
4. Actively participate in negotiations for managed care contracts for their own practices.

Rm 211 C & D Seminar XII 8:30-1:00

Title: Update on New Radiopharmaceuticals

Sponsored by: Society of Nuclear Medicine Technologist Section

Organizer: Carol Bonanno, CNMT

Educational Objective: After attending this course, the participant should be able to:

1. Compare the physical structure, chemical properties and methods of uptake of antibodies, antibody fragments, peptides and Molecular Recognition Units (MRU).
2. Contrast the utility of each in diagnosing and treating disease.
3. Explain where new radiopharmaceuticals using antibodies, peptides and MRUs are in the research and approval processes.
4. Define the clinical utility of new radiopharmaceuticals in the diagnosis of coloracted cancer, ovarian cancer and neuroendocrine tumors.
5. Determine problems encountered in imaging studies in cancer patients.
6. Determine problems encountered in interpretation of imaging studies in cancer patients.
7. Define clinical utility of new radiopharmaceuticals in diagnosis of clotting disorders.
8. Identify problems encountered in performing imaging studies in clotting disorders.
9. Identify problems encountered in interpretation of clotting disorder studies.
10. Compare current methods of imaging infectious processes with those under clinical investigation.
11. Define clinical utility of imaging studies in infectious processes including abscesses, osteomyelitis, and inflammatory disorders.
12. Identify problems encountered in performing imaging studies in infectious processes.
13. Analyze problems encountered in interpretation of infection imaging.
14. Define the use of radiopharmaceuticals in the treatment of neoplastic disease.
15. Discuss the advantages of the use of radiolabeled antibodies in cancer treatment.
16. Determine the process for FDA approval of radiolabeled antibodies.
17. Review problems of reimbursement of new drugs.

CONTINUING EDUCATION COURSES

GENERAL OBJECTIVES FOR THE 42ND ANNUAL MEETING

The SNM will again sponsor CME courses in accordance with the Society of Nuclear Medicine Mission Statement. The General Objectives for the CME courses are to offer a review of established practices and comprehensive coverage of new developments in the field of Nuclear Medicine. The review and in-depth discussion of established and novel procedures and techniques is needed for the promotion of appropriate and safe diagnostic and therapeutic use of radionuclides in medicine. The topics are selected to meet the educational needs of physicians, scientists, technologists, administrators and educators involved in the practice of nuclear medicine or in the investigational use

of radionuclides. Furthermore, the topics are selected considering the suggestions and critiques received from previous meetings and the need to offer a timely and balanced CME program. The feedback received remains essential in the development of a successful meetings and in maintaining the proper accreditation from the Accreditation Council for Continuing Medical Education (ACCME). WE URGE THE PARTICIPANTS TO FILL OUT THE GENERAL EVALUATION FORM FOR EACH OF THE SESSIONS ATTENDED IN ORDER TO OBTAIN CME CREDITS. NO CME CREDITS WILL BE GRANTED WITHOUT IT.

Vicente J. Caride, MD, Associate Chair, Continuing Education

Ronald D. Neumann, MD, Associate Chair, Continuing Education

MONDAY, JUNE 12, 1995

1:30-3:00

RM 101 A, B, I & J RENAL: EVALUATION OF HYPERTENSION

M. Donald Blafox, MD, PhD
Milton D. Gross, MD
Procedures for the Evaluation of the Hypertensive Patient
Captopril Renography
Imaging Procedures to Evaluate Adrenal Hypertension

BALLROOM A BONE SCINTIGRAPHY AND ORTHOPEDIC DISEASES

B. David Collier, MD
Evaluation following trauma with suspected occult fractures
Initial evaluation of low back pain
Evaluation of low back pain following failed back pain
Evaluation of knee pain including torn meniscus
Evaluation of hip pain including osteonecrosis
Evaluation of the feet and ankle including unexplained and suspected osteomyelitis

3:30-5:00

BALLROOM A SURGERY, THYROID HORMONE AND RECOMBINANT HUMAN TSH IN THE TREATMENT OF THYROID CANCER - WHAT NUCLEAR MEDICINE PHYSICIANS NEED TO KNOW BUT ARE AFRAID TO ASK

What is Appropriate Surgery for Well Differentiated Thyroid Cancer?
Orlo H. Clark, MD
Recombinant Human TSH vs. Thyroid Hormone Withdrawal in 131I Therapy of Thyroid Cancer
Lewis E. Braverman, MD
Thyroid Hormone in the Treatment of Well differentiated Thyroid Cancer - How Much is Enough?
David S. Cooper, MD

RM 101 A, B, I & J CARDIOVASCULAR: READ WITH THE EXPERTS

Frans J. Th. Wackers, MD, PhD
Raymond Taillefer, MD
Heinz Sochor, MD
Interpretation of routine nuclear cardiology studies
Illustrate appropriate information content of routine nuclear cardiology study reports

TUESDAY, JUNE 13, 1995

8:30-10:00

RM 101 A, B, I & J EFFICIENT USE OF KITS - Cost Containment in Radiopharmacy

Kits; and Regulatory and Legal Aspects
John J. Coupal, PhD
Efficient Use of Kits other than MAG-3
Kenneth T. Cheng, PhD

BALLROOM A CHOLESCINTIGRAPHIC DIAGNOSIS OF GALLBLADDER AND BILIARY TREE DISORDERS: THE STATE OF THE ART

Biliary Tree Physiology
Samuel Sostre, MD, PhD
Diseases of the Biliary Tree
Harvey Ziessman, MD
Diseases of the Gallbladder
Gerbaill T. Krishnamurthy, MD

RM 102 A, B & C SPECT BRAIN IMAGING PRACTICUM: BASIC I

10:30-12:00

BALLROOM A DIAGNOSIS OF PULMONARY EMBOLISM

Clinical Assessment and Integrated Diagnostic Evaluation
Paul D. Stein, MD
VQ Scan Interpretation
R. Edward Coleman, MD
New Imaging Techniques for PE
H. Dirk Sostman, MD

RM 101 A, B, I & J CLINICALLY RELEVANT DEVELOPMENTS IN PLANAR, SPECT AND PET IMAGING DEVICES

Clinically Relevant Developments in Planar Imaging Devices
Craig Barker, PhD
Clinically Relevant Developments in SPECT Imaging Devices
Benjamin M. Tsui, PhD
Clinically Relevant Developments in PET Imaging Devices
Joel S. Karp, PhD

RM 102 A, B & C SPECT BRAIN IMAGING PRACTICUM: BASIC II

TUESDAY, JUNE 13, 1995

1:30-3:00

BALLROOM A ONCOLOGY

Peptide Receptor Scintigraphy: General Concepts, Indications, Interpretations and Future Directions
Larry K. Kvols, MD
Eric P. Krenning, MD, PhD
Somatostatin and somatostatin receptors (111In-DTPA-D-Phe)- octreotide scintigraphy: metabolism and normal tissue accumulation
Results of octreotide scintigraphy
Somatostatin receptor imaging: clinical impact
Peptide receptor scintigraphy: future directions

RM 101 A, B, I & J CLINICAL NUCLEAR CARDIOLOGY UPDATE

Imaging Hardware - Choosing and Using
Jonathan M. Links, PhD
Blood Pool Scintigraphy
Raymond J. Gibbons, MD
Myocardial Perfusion Scintigraphy: Indications and Protocols
Daniel S. Berman, MD
Myocardial Perfusion Scintigraphy: Interpretation
E. Gordon DePuey, MD

3:30-5:00

BALLROOM A PRACTICAL ASPECTS OF RENAL IMAGING: TRACERS, SIMPLE QUANTITATION AND INTERPRETATION

Renal Radiopharmaceuticals
Dennis Eshima, PhD
Routine Renal Imaging
Andrew T. Taylor, Jr., MD
Renal Imaging and Patient Management
Eva V. Dubovsky, MD, PhD

BALLROOM B CHAPTER BOWL

RM 102 A, B & C SPECT BRAIN IMAGING PRACTICUM: BASIC III

WEDNESDAY, JUNE 14, 1995

8:30-10:00

BALLROOM A INFECTION IMAGING

Chemotactic Peptides
Alan Fishman, MD
Antibody Imaging
Christopher Palestro, MD
Osteomyelitis
Naomi Alazraki, MD

RM 101 A, B, I & J DIAGNOSIS OF OBSTRUCTIVE UROPATHIES

Keith E. Britton, MD, MSc, FRCP, FRCP
Define obstructive nephropathy and obstructing uropathy
Explain the physical basis of the obstructing process
Explain the pathophysiological basis of the obstructing process
Identify and illustrate the difference between a compartmental model and a linear system model in relation to the function of the kidney, underlining the assumption of each model
Additional topics will be discussed

RM 102 A, B & C SPECT BRAIN IMAGING PRACTICUM: ADVANCED I

10:30-12:00

BALLROOM A RADIONUCLIDE IMAGING OF SELECTED ORTHOPEDIC PROBLEMS

The Spine
James E. Seabold, MD
The Diabetic Foot
Donald S. Schauwecker, MD, PhD
The Painful Joint Replacement
Christopher J. Palestro, MD

RM 101 A, B, I & J MYOCARDIAL VIABILITY

Evaluation Using Thallium-201
Robert O. Bonow, MD
Evaluation Using Technetium-99m Sestamibi
James E. Udelson, MD
Clinical Detection - State of the Art
George A. Beller, MD

1:00-2:30

RM 102 A, B & C SPECT BRAIN IMAGING PRACTICUM: ADVANCED II

CONTINUING EDUCATION COURSES (continued)

WEDNESDAY, JUNE 14, 1995

1:30-3:00

RM 101 A, B, I & J
PEDIATRIC NUCLEAR MEDICINE UPDATE
Pediatric Musculoskeletal Nuclear Medicine
S. Ted Treves, MD
Pediatric Centourinary Nuclear Medicine
Massoud Majd, MD
Integration of Diagnostic Imaging in Pediatrics
Donald R. Kirks, MD

BALLROOM A
NUCLEAR MEDICINE AND THE THYROID - 1995
Lewis E. Braverman, MD
Discuss laboratory and clinical aspects of Thyroid Disease
Discuss the role of Nuclear Medicine in the evaluation of the Thyroid patient
Differential Diagnosis of Thyroid diseases
Rational for the Treatment of Benign Thyroid diseases
Iodine 131 Therapy for hyperthyroidism

3:30-5:00

RM 101 A, B, I & J
CLINICAL ADVANCES IN TUMOR IMAGING
In111 Octreotide Imaging
Stanley J. Goldsmith, MD
Newer Approaches to Lymphoma Imaging
Homer A. Macapinlac, MD
A Survey of PET and Monoclonal Antibody Cost Effectiveness in Oncology
Steven M. Larson, MD

BALLROOM A
ADVANCES IN ANALYTICAL METHODS AS APPLIED TO RADIOPHARMACEUTICAL DEVELOPMENT
Advances in Separation Science as Applied to Radiopharmaceutical Development
Joseph L. Glajch, PhD
Applications of Mass Spectroscopy to Radiopharmaceutical Research
Catherine E. Costello, PhD

RM 102 A, B & C
SPECT BRAIN IMAGING PRACTICUM: ADVANCED III

THURSDAY, JUNE 15, 1995

8:00-9:30

BALLROOM A
MECHANISMS OF LOCALIZATION OF THE NEW RADIOTRACERS AND RADIOLABELED BLOOD CELLS
Rationale, Screening Procedures and Mechanisms for Radiotracers
Mathew L. Thakur, PhD
Imaging Metabolism: Genes, Enzymes, Precursors and Products
Richard P. Spencer, MD, PhD
Tumor Localizers, Growth Factors and Cytokines
John G. McAfee, MD, FRCP

RM 101 A, B, I & J
PERFORMANCE AND INTERPRETATION OF NEW PROCEDURES THAT WILL INCREASE YOUR REFERRALS FOR GI MOTILITY STUDIES
Recent Advances in the Scintigraphic Assessment of Gastric Motility
Jean-Luc Urbain, MD
A Clinician's Perspective on the Use of Intertinal Transit Studies
Benjamin Krevsky, MD
Small Bowel and Colon Transit Studies
Alan H. Maurer, MD

Please Note: Room assignments are subject to change.

THURSDAY, JUNE 15, 1995

10:00-11:30

BALLROOM A
NUCLEAR CARDIOLOGY AND COMPETING MODALITIES
Single Photon Imaging Versus Echo
Mario Verani, MD
Single Photon Imaging versus MRI
D. Douglas Miller, MD, CM
Single Photon Imaging versus PET
Jamshid Maddahi, MD

RM 101 A, B, I & J
INTRODUCTION TO INSTRUMENTATION, IMAGING AGENTS, PROCESSING, INTERPRETATION AND CLINICAL APPLICATIONS OF BRAIN SPECT FOR NUCLEAR MEDICINE PHYSICIANS
Instrumentation and Radiopharmaceuticals for rCBF/SPECT Brain Imaging
Jack E. Juni, MD
Approaches to Image Acquisition, Processing and Interpretation
Robert S. Hellman, MD
Current Clinical Applications of rCBF/SPECT Brain Imaging
Thomas C. Hill, MD

12:00-1:30

BALLROOM A
PAINFUL BONE METASTASES: THE ROLE OF BETA-EMITTING RADIOPHARMACEUTICALS
The Clinical Problems of Bone Metastases (B)
Teletherapy and P-32 as Treatments for the Pain of Bone Metastases (B)
How, Whom, When to Treat Painful Bone Metastases with Radiation (B)
Edward B. Silberstein, MD
Experimental Design in Studying Pain Relief (B)
Strontium-89 Therapy for Painful Bone Metastases (B)
Alexander J. McEwan, MD
Newer Radiopharmaceuticals for the Treatment of Painful Bone Metastases: Re-186 HEDP, Sm-153 EDTMP and Sn-117m DTPA
Donald A. Podoloff, MD

RM 101 A, B, I & J
MOLECULAR BIOLOGY PRIMER
Introduction to Nucleic Acid Chemistry
Hybridization: Theory and Application
Approaches to Clining and Amplification
Mark E. Sobel, MD, PhD

1:45-3:15

BALLROOM A
PRACTICAL PRINCIPLES FOR NUCLEAR MEDICINE PACS
A Practical PACS for your Department of Nuclear Medicine
Gerald M. Kolodny, MD
The Information Superhighway: What You'll Find of Use for Clinical Nuclear Medicine
J. Anthony Parker, MD, PhD

TECHNOLOGIST SECTION CATEGORICAL & CONTINUING EDUCATION COURSES

SUNDAY, JUNE 11, 1995

10:00-3:00

RM 205 C & D

JRCNMT Workshop

Moderators: Martha Pickett, CNMT; Miriam Miller, CNMT
Speaker: Elaine Cuklanz, ASCP (NM)

HYATT REGENCY

BLS/ACLS

Coordinator: Lisa Ann Trembath
Basic Life Support and Advanced Cardiac Life Support will be offered by Life Support Services, Inc. to pre-registrants only.

MONDAY JUNE 12, 1995

1:30-3:00 3:30-5:00

RM 101 C, D, B & H

PEDIATRIC NUCLEAR MEDICINE: CURRENT TOPICS

Moderator: Sue Weiss, CNMT
Co-Moderator: Nancy Joy, CNMT

Pediatric Bone Imaging: Indications and Techniques

Kim Maas, CNMT; Gerlad A. Mandel, MD

Imaging Neuroblastoma

David Gilday, MD; Maria Green, CAMRT

Pediatric Renal Imaging and Function Measurement

Sue Weiss, CNMT

Cardiac Imaging of the Pediatric Patient

Barbara Reid, MD; Charles A. Northman, CNMT

1:30-3:00 3:30-5:00

RM 205 C & D

MANAGEMENT SKILLS

Coordinator: Julia Blust, CNMT
Topics including case studies in ethics, performance appraisal and employee management, managed care and practice development will be offered.
Instructors: Mary Jo Struttman, CNMT
Bernard L. Wolfe, MBA
Denise Merlino, CNMT, MBA
Scott Young, CNMT
Joni Herbst, CNMT
David Jensen, MSC

1:30-3:00

RM 102 D, E & F

RADIOPHARMACY

Coordinators: Cynthia Wharton, CNMT
Sally Schwarz, RPh MS
Janna Millenbine, RPh

1:30-2:15

Moderators: Kathleen Krisak, CNMT; Maggie Chester, CNMT
Speaker: Sally Schwarz, CNMT

2:15-3:00

Moderators: Jim Bietendorf, CNMT; Shelley Hartnett, CNMT
Speaker: Janna D. Millenbine, RPh

3:30-5:00

RM 101 E & F

LEGISLATIVE FORUM

Coordinator: Sharon Surrel, CNMT
Hear from government regulators and others what regulatory issues are current and how they will affect your practice.

1:30-5:00

RM 211 A & B

STUDENT PROGRAM

Coordinator: Chris Carlson, CNMT
Student paper and poster presentations.

1:30-3:00

Review Session for the NMTCB

Kathy Thompson, CNMT

4:00-4:50

SPECT Imaging Artifacts

Derek Fuerbringer, CNMT

TUESDAY, JUNE 13, 1995

8:30-12:00 1:30-5:00

RM 101 C, D, G & H

ONCOLOGY

Moderators: Frances Neagley, CNMT; Kathy Thomas, CNMT
Interacting with the Terminally Ill Patient

Kathy Thomas, CNMT

S4-89 Therapy in the Treatment of Painful Osteometastasis

Christine Keeling, MB, BS, MRCP

111-In Octreotide Imaging

Jerry Glowniak, MD

111-In Monoclonal Antibody Imaging and 90-Yt Therapy

Andrew Raubitschek, MD

Diagnosis and Treatment of Thyroid Diseases

Darlene Fink-Bennett, MD

Breast Tumor Imaging

Iraj Khalkhali, MD; Linda Diggles, CNMT

8:30-12:00 1:30-5:00

RM 205 C & D

MANAGEMENT (cont'd)

Julia Blust, CNMT

8:30-12:00

RM 101 E & F

NUCLEAR CARDIOLOGY I: METHODS TO EVALUATE CAD

Moderators: Michael McMahon, CNMT; Brenda McSherry, CNMT

Evaluation of CAD: Diagnostic Procedures

D. Douglas Miller, MD

Evaluation of CAD: Nuclear Cardiology Methods

Andre Gagnon, CNMT

Assessment of Myocardial Viability

Joseph Russell, BS, CNMT

Nuclear Cardiology in the Acute Setting

Stephen Stowers, MD

1:30-5:00

RM 205 A & B

NUCLEAR CARDIOLOGY II: SPECT TECHNOLOGY AND FUTURE DIRECTION

Moderators: Andre Gagnon, CNMT; Annette Ryan, CNMT

Principles of SPECT

Ernest Garcia, PhD

Gated SPECT

Jeanne Eckdahl, BS, CNMT

SPECT Attenuation Correction

Grant Gullberg, PhD

What's New in Nuclear Cardiology: An Update

Michael McMahon, BS, CNMT

8:30-5:00

RM 211 A & B

STUDENT PROGRAM (cont'd)

Moderators: Maggie Chester, CNMT; Chris Carlson, CNMT

8:30-10:00

SPECT Imaging Artifacts:

Derek Fuerbringer, CNMT

10:30-12:30

Review Session for NMTCB:

Kathy Thompson, CNMT

1:30-2:30

Review Registry Results:

Kathy Thompson, CNMT

2:45-3:00

EXHIBIT HALL TOUR ORGANIZATION AND OVERVIEW:

Chris Carlson, CNMT; Rick Bearden, CNMT

3:00-5:00

EXHIBIT HALL TOUR

WEDNESDAY, JUNE 14, 1995

8:30-10:00

RM 102 D, E & F

V/Q IMAGING

Speakers: Henry D. Royal, MD; R. Edward Coleman, MD
Moderators: Rosemarie McGraw, CNMT; Gracia Garrido, CNMT

RM 205 C & D

NURSING SKILL

Speaker: Patty Walker, RN
Moderators: Cynthia Wharton, CNMT;
Nancie Shea, CNMT; Janice Presslar, CNMT
Kathy Thomas, CNMT; Carol Bonanno, CNMT

RM 211 A & B

BRAIN PERFUSION IMAGING

Speaker: Lisa Ann Trembath, CNMT
Moderators: Ann Vaslar, CNMT; Eileen Smith, CNMT

RM 101 C, D, G & H

MULTISKILLING AND NUCLEAR MEDICINE TECHNOLOGY

Martha Pickett, MHSA, CNMT

10:30-12:00

RM 205 C & D

SCINTILLATION CAMERA QUALITY CONTROL: PLANAR IMAGING QC; SPECT IMAGING QC

Speaker: Nicole T. Ranger, M.Sc
Moderators: Cynthia Wharton, CNMT
Nellie Kety, CNMT; Yasmin Allidina, CNMT
Russell Folks, CNMT; Gracia Garrido, CNMT

RM 101 C, D, G & H

ECG SKILL

Speaker: Patty Walker, RN
Moderators: Cynthia Wharton, CNMT;
Brenda McSherry, CNMT; Janice Presslar, CNMT
Jennifer Keppler, CNMT

RM 211 A & B

HIGHLIGHTS OF ABDOMINAL IMAGING

Speaker: Darlene Fink-Bennett, MD
Moderators: Kathleen Krisak, CNMT; Nellie Kety, CNMT
Kathy Thomas, CNMT

RM 102 D, E & F

TO TEACH IS TO LEARN TWICE: COOPERATIVE LEARNING IN A NUCLEAR MEDICINE TECHNOLOGY CLASSROOM

Kathleen McEnerney, DA, CNMT

1:30-5:00

RM 102 D, E & F

ITEM WRITER'S WORKSHOP

Moderators: Mark Richard, CNMT; Miriam Miller, CNMT

RM 211 A & B

MOCK CERTIFICATION EXAM

JNM

DIRECT RESPONSE

Advertisers for April 1995

Listed below are the companies that have advertised in this issue. Simply circle the numbers of those companies you are interested in, fill out the form, and mail or FAX it to the Society of Nuclear Medicine, Advertising Department, 1850 Samuel Morse Drive, Reston, VA 22090-5316 FAX: (703) 708-9015. We will send it to the advertiser.

Deadline: June 15, 1995

1 ADAC Laboratories
Milpitas, CA
(800) 538-8531
Inside Front Cover and 1A

34 Du Pont Company
No. Billerica, MA
(800) 343-7851
Pages 2A-4A and
special insert after 16A

145 Park Medical Systems
Peabody, MA
(508) 977-6868
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A SNM Meetings

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(800) 631-3826
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(800) 228-7226
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Laboratories, Inc.
Twinsburg, OH
(800) 442-7017
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29 Diagnostix Plus, Inc.
New Hyde Park, NY
(516) 742-1939
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110 Mallinckrodt Medical, Inc.
St. Louis, MO
(314) 895-2000
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192 Toshiba Medical Systems
Tustin, CA
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217 Willard Industries, Inc.
Charlotte, NC
(800) 476-1230
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From:

Your Name: _____ Title: _____

Institution: _____ Dept: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ FAX: _____

Primary Specialty: _____ Secondary Specialty: _____

Circle One Answer In Each Category

Employer

1. Hospital
 - a. 500 patients plus
 - b. 300-499 patients
 - c. 200-299 patients
 - d. 100-199 patients

2. Private Clinic
3. R&D Commercial
4. University
5. Government
6. Other _____

Purchase Authority

1. Recommend
2. Specify
3. Purchase

Reason for Inquiry

1. Immediate Purchase
2. General Information
3. Budgeting Information

SNM Member

1. Yes
2. No

SNM Subscriber

1. Yes
2. No

SNM CONFERENCE INFORMATION

Transportation

The Minneapolis/St. Paul International Airport is located 12 miles or 15 minutes from downtown Minneapolis. "Airport Express" shuttle service departs the airport every 15 minutes, and departs to major hotels every half hour. Customer service is located at carousel #8 in the baggage claim area. Fares are \$9 one way and \$13.50 round trip. The one-way taxi fare to downtown Minneapolis is approximately \$17. The Twin Cities area is also serviced by Amtrak and Greyhound.

Housing

Twelve hotels located within close proximity to the Minneapolis Convention Center have been selected as official hotels for the meeting. The Hyatt Regency Minneapolis Hotel has been selected as the Headquarters Hotel. Shuttle busing will be available for all hotels; however, with the close proximity of some of the hotels to the Convention Center, people may wish to walk. If you plan on walking to and from the Center, please be advised to take the usual big city precautions (walk in groups; take off your name badge when you are on the city streets).

The housing form on page 11 lists all the information for the hotels in our block. Follow the instructions on the form when making your reservations. All reservations should be directed to the Minneapolis Convention Center and Visitors Association (fax or mail - no telephone reservations accepted). Do not send your housing form to SNM Headquarters.

Airline Discounts

Northwest Airlines has been named the official carrier for the 1995 Annual Meeting. They are offering all meeting participants a 10% discount off the unrestricted coach fare or 5% discount off the lowest applicable fares including first class. You may call Northwest Airlines directly at 1-800-692-7000, or call World Travel Partners, the official travel agency of SNM's 42nd Annual Meeting at 1-800-336-0227. World Travel Partners will offer airline and rental car discounts to meeting attendees.

In the Metropolitan Washington area, call 703-205-0455. Identify yourself as an SNM Annual Meeting traveler.

Hold These Dates

Opening Cocktail Reception

Sunday, June 11, 1995

7:30 P.M. - 9:30 P.M.

The Hyatt Regency Minneapolis

Technologist Party

Wednesday, June 14, 1995

8:00 P.M. - 12:00 midnight

The Hyatt Regency Minneapolis

GENERAL INFORMATION

On-Site Registration

Because Satellite Registration has been a big success at previous Annual Meetings, the Society will offer it again this year, on the first days of the meeting. Satellite Registration will be at the Hyatt Regency Minneapolis, and is open on Friday and Saturday. Attendees will be able to pick up their pre-registration materials or register on-site as well. The Society will have its standard registration hours at the Minneapolis Convention Center.

The hours of the Satellite and Standard Registration areas are as follows:

Satellite Registration - Hyatt Regency Minneapolis

Friday, June 9, 1995

10:00 A.M. - 3:00 P.M.

Saturday, June 10, 1995

10:00 A.M. - 3:00 P.M.

Standard Registration - Minneapolis Convention Center

Saturday, June 10, 1995

12:00 Noon - 5:00 P.M.

Sunday, June 11, 1995

7:00 A.M. - 5:00 P.M.

Monday, June 12, 1995

7:00 A.M. - 5:00 P.M.

Tuesday, June 13, 1995

7:30 A.M. - 4:00 P.M.

Wednesday, June 14, 1995

7:30 A.M. - 4:00 P.M.

Thursday, June 15, 1995

7:30 A.M. - 11:00 A.M.

Please note that name badges are required for admission into the Exhibit

Hall, all educational meetings and social events. Children under the age of 12 will not be admitted into Exhibit Hall.

Scientific Sessions

The Society Scientific Paper Sessions will be published in the April issue of *JNM*, and the *JNM* May Supplement of the Abstract Book. The Technologist Section abstract sessions will be published in the June Issue of *JNMT*.

Continuing Education Credit

The 1995 SNM Annual Meeting Continuing Education presentations will offer approximately a maximum of 206 credits for continuing medical education, (AMA Category I), approximately 14 credits for continuing pharmaceutical education (ACPE), and approximately 22 VOICE credits. The Society of Nuclear Medicine is accredited by the Accreditation Council for Continuing Medical Education to sponsor medical education for physicians.

Announcement

The Technologist Section of SNM will offer Continuing Medical Education (CME) credits for its Continuing Education Sessions. All physicians are invited to participate. Continuing Education Units (CEU's) for VOICE credits will also be available.

Accreditation Statements

1. **ACCME Accreditation Statement.** The Society of Nuclear Medicine is accredited by the Accreditation Council for Continuing Medical Education to sponsor continuing medical education for physicians.
2. **AMA/Physicians Recognition Award Statement.** The Society of Nuclear Medicine designates this continuing medical education activity for approximately 206 credit hours in Category 1 of the Physician's Recognition Award of the American Medical Association.

PRE-REGISTRATION INSTRUCTIONS

PART 1

A. BADGE INFORMATION:

Please print or type clearly and provide all information as requested. Your badge(s) will be printed from this information.

B. REGISTRATION INFORMATION:

Please print or type clearly the requested information. The mailing of your confirmation and badge(s) will be sent to the address listed therein.

C. OCCUPATION:

Please check the appropriate box. (Only choose one)

PART 2

GENERAL REGISTRATION FEES:

If you pre-register on or before May 5, 1995 you can take advantage of the reduced registration rate. After May 5th you will have to pay the late registration fee. Payment of registration fee entitles you to admittance into the exhibit hall and all educational sessions except those listed in PART 3 (SUNDAY CATEGORICAL SEMINARS ON JUNE 11, 1995).

SNM MEMBER DEFINITION:

These fees are applicable to members whose dues are fully paid on or before May 5, 1995 or nonmember registration fees will apply.

*SNM MEMBER RESIDENTS, INTERNS, FELLOWS AND MEDICAL/GRADUATE STUDENTS AND NONMEMBER RESIDENTS, INTERNS, FELLOWS AND MEDICAL/GRADUATE STUDENTS:

The registration fee will be waived only with the submission of a typewritten statement on the official letterhead of the institution and signed by the department head verifying the appropriate status of the individual. This letter must be submitted along with the registration form. Without this letter, you will have to pay the full physician/scientist fee. Categorical fee is waived.

NOTE TO NONMEMBERS:

You may join the Society of Nuclear Medicine and have the difference in registration money you are now paying as a nonmember applied to your membership dues. To take advantage of this membership promotion, you must check the appropriate box in Part 1, Section B of the Pre-registration Form. A membership application will be mailed to you, or you can stop by the Membership Booth at the meeting to complete the form. This offer applies only to SNM full registration fees and is not applicable to Categorical Seminar registration. This special offer expires on June 15, 1995, with all applications for Membership received by the close of the Annual Meeting.

PART 3

REGISTRATION FOR CATEGORICALS:

If you pre-register for the categorical seminars on or before May 5, 1995 you can take advantage of the reduced rate. After May 5, 1995 you will have to pay the late categorical seminar fee. Entrance into all categorical seminars requires that you have an admission ticket.

Payment for any one **non-asterisked** categorical seminar gains entrance into all categoricals. Please mark the box(es) of the seminars you will attend and remit the amount indicated in your grouping.

CATEGORICAL SEMINARS WILL TAKE PLACE ON SUNDAY, JUNE 11, 1995 AT THE MINNEAPOLIS CONVENTION CENTER.

PART 4

ADDITIONAL FEES:

This section is applicable to those who have special needs, only want to visit the exhibit hall, would like to register their spouse or child, or make a tax-deductible contribution to The Society of Nuclear Medicine Education & Research Foundation.

A. SPECIAL NEEDS:

Please fill out this section if you require any special assistance.

B. EXHIBITS-ONLY PASS:

This section is not applicable to meeting registrants. **If you already registered in PART 2 do not fill this out.**

C. SPOUSE/CHILD REGISTRATION:

You can register your spouse or children for the Annual Meeting. This includes receptions, eligibility for sponsored tours and exhibits (children under 12 are not permitted in the exhibit hall). Spouse registration is not available to a spouse who is a specialist in nuclear medicine.

D. CONTRIBUTION TO THE SOCIETY OF NUCLEAR MEDICINE EDUCATION & RESEARCH FOUNDATION:

Please fill this section out if you would like to make a tax-deductible contribution to the Society of Nuclear Medicine Education & Research Foundation.

METHODS OF PAYMENT:

Payment can only be made for the exact amount of the purchase. Any checks received with Pre-Registration Forms for more than the total charges will not be processed by the SNM office, and will be returned with the form to the sender.

Please make check payable to: Society of Nuclear Medicine, in U.S. funds, drawn on a U.S. bank. **NO FOREIGN CURRENCY** will be accepted. Visa or MasterCard may be used if you are charging at least \$50.00 to your credit card. You may fax your Pre-Registration Form if you provide complete credit card information, to (404) 955-8977. Once again, credit card charges must be in U.S. dollars only. **PAYMENT MUST ACCOMPANY THIS FORM.** SNM cannot bill you.

CANCELLATION POLICY:

Refunds will be given only if written notification is received on or before Friday, May 5, 1995. All refunds are subject to a \$30 processing charge, and will be mailed within eight weeks after the meeting. **Telephone cancellations will not be accepted.** Registration fees are not transferrable.

DEADLINES:

Pre-registration deadline is Friday, May 5, 1995. If you have not sent this form to SNM by May 5th you may register on-site at the late registration fee. Please note that SNM stops processing registration forms two weeks prior to the Annual Meeting in order to close the books. Any forms received after May 20th will be returned to you.

Please complete the form and mail to:

**Society of Nuclear Medicine
Annual Meeting Pre-Registration**

PO Box 992

Falls Church, VA 22040-0992

OR

FAX YOUR FORM TO:

(404) 955-8977

*Only if you provide complete
credit card information*

PRE-REGISTRATION FORM

SOCIETY OF NUCLEAR MEDICINE 42ND ANNUAL MEETING JUNE 11-15, 1995 MINNEAPOLIS, MN

Please Type or Write in Blue or Black Ink. This form will not be accepted without full payment.

PART 1

GENERAL INFORMATION

A. FIRST NAME MI LAST NAME DEGREE INSTITUTION
BUSINESS ADDRESS CITY STATE ZIP

B. Membership #
☐ Yes! Please apply the difference in my nonmember full registration fee towards a new membership and mail me the application materials.
MAILING ADDRESS (TO RECEIVE REGISTRATION MATERIALS)
CITY STATE/COUNTRY ZIP CODE DAYTIME TELEPHONE FAX NUMBER

C. (Check only one)
Physician Specialties:
☐ 1. Nuclear Medicine ☐ 4. Other (specify)
☐ 2. Radiology ☐ 3. Cardiology
Scientist Specialties:
☐ 5. Chemistry ☐ 6. Physics ☐ 7. Computer Sciences
☐ 8. Nuclear Pharmacy ☐ 9. Other (specify)
Tech Specialties:
☐ 10. Administrative/Chief ☐ 11. Educator ☐ 12. Staff
☐ 13. Other (specify)
Industry:
☐ 14. Sales ☐ 15. R&D ☐ 16. Executive
☐ 17. Other (specify)

PART 2

SNM MEMBER REGISTRATION FEES are applicable to members whose dues are fully paid on or before May 5, 1995.

(Check appropriate box)	MEMBER EARLY (Before May 5, 1995)	MEMBER LATE (After May 5/On-Site)	NONMEMBER EARLY (Before May 5, 1995)	NONMEMBER LATE (After May 5/On-Site)
SNM FEES				
Physician	01E <input type="checkbox"/> \$180	01R <input type="checkbox"/> \$200	11E <input type="checkbox"/> \$275	11R <input type="checkbox"/> \$295
Scientist	02E <input type="checkbox"/> \$180	02R <input type="checkbox"/> \$200	12E <input type="checkbox"/> \$275	12R <input type="checkbox"/> \$295
Technologist	03E <input type="checkbox"/> \$150	03R <input type="checkbox"/> \$170	13E <input type="checkbox"/> \$275	13R <input type="checkbox"/> \$295
Technologist Student	04E <input type="checkbox"/> \$ 0	04R <input type="checkbox"/> \$ 0	14E <input type="checkbox"/> \$ 0	14R <input type="checkbox"/> \$ 0
*Resident, Intern, Fellow	05E <input type="checkbox"/> \$ 0	05R <input type="checkbox"/> \$ 0	15E <input type="checkbox"/> \$ 0	15R <input type="checkbox"/> \$ 0
*Medical/Graduate Student	06E <input type="checkbox"/> \$ 0	06R <input type="checkbox"/> \$ 0	16E <input type="checkbox"/> \$ 0	16R <input type="checkbox"/> \$ 0
Society Emeritus	07E <input type="checkbox"/> \$120	07R <input type="checkbox"/> \$140		

* See Pre-Registration Instructions for more information.

IF YOU HAVE NOT SENT THIS FORM TO SNM BY MAY 5, 1995, YOU MAY REGISTER ON-SITE AT THE LATE REGISTRATION FEE.

(Part 2) Subtotal: \$

PART 3

CATEGORICAL SEMINARS (SUNDAY, JUNE 11, 1995): FOR SEMINAR DESCRIPTIONS, SEE PART 3 OF THE REGISTRATION INSTRUCTIONS. **Please Note:** Except for the Technologists Basic and Advanced Life Support Training, Living with the New World of Managed Care, Update on New Radiopharmaceuticals, and the Computer-Shy Workshop, payment for any other Categorical Seminar gains entrance into all of the categoricals.

(Please check preferred session)	MEMBER EARLY (Before May 5, 1995)	MEMBER LATE (After May 5/On-Site)	NONMEMBER EARLY (Before May 5, 1995)	NONMEMBER LATE (After May 5/On-Site)	Qualified Student
Brain SPECT	20E <input type="checkbox"/> \$70	20R <input type="checkbox"/> \$90	40E <input type="checkbox"/> \$90	40R <input type="checkbox"/> \$110	60E/R <input type="checkbox"/> \$0
Cardiovascular Nuclear Medicine - 1995	21E <input type="checkbox"/> \$70	21R <input type="checkbox"/> \$90	41E <input type="checkbox"/> \$90	41R <input type="checkbox"/> \$110	61E/R <input type="checkbox"/> \$0
Quantitation of Myocardial Perfusion by PET & MRI	22E <input type="checkbox"/> \$70	22R <input type="checkbox"/> \$90	42E <input type="checkbox"/> \$90	42R <input type="checkbox"/> \$110	62E/R <input type="checkbox"/> \$0
Oligonucleotides as Radiopharmaceuticals	23E <input type="checkbox"/> \$70	23R <input type="checkbox"/> \$90	43E <input type="checkbox"/> \$90	43R <input type="checkbox"/> \$110	63E/R <input type="checkbox"/> \$0
Local Area Networks in Nuclear Medicine - Why & How?	24E <input type="checkbox"/> \$70	24R <input type="checkbox"/> \$90	44E <input type="checkbox"/> \$90	44R <input type="checkbox"/> \$110	64E/R <input type="checkbox"/> \$0
Nuclear Medicine Update: Role of Functional Imaging	25E <input type="checkbox"/> \$70	25R <input type="checkbox"/> \$90	45E <input type="checkbox"/> \$90	45R <input type="checkbox"/> \$110	65E/R <input type="checkbox"/> \$0
Honey, I Nuked the Kids: The Final Episode	26E <input type="checkbox"/> \$70	26R <input type="checkbox"/> \$90	46E <input type="checkbox"/> \$90	46R <input type="checkbox"/> \$110	66E/R <input type="checkbox"/> \$0
Cancer Evaluations with PET	27E <input type="checkbox"/> \$70	27R <input type="checkbox"/> \$90	47E <input type="checkbox"/> \$90	47R <input type="checkbox"/> \$110	67E/R <input type="checkbox"/> \$0
MIRD Workshop	28E <input type="checkbox"/> \$70	28R <input type="checkbox"/> \$90	48E <input type="checkbox"/> \$90	48R <input type="checkbox"/> \$110	68E/R <input type="checkbox"/> \$0
*Computer-Shy Workshop (Off-Site)	30E <input type="checkbox"/> \$10	30R <input type="checkbox"/> \$10	50E <input type="checkbox"/> \$10	50R <input type="checkbox"/> \$10	
*Living with the New World of Managed Care	31E <input type="checkbox"/> \$70	31R <input type="checkbox"/> \$90	51E <input type="checkbox"/> \$90	51R <input type="checkbox"/> \$110	
*Basic Life Support Provider Retraining (BLS)	32E <input type="checkbox"/> \$37	32R <input type="checkbox"/> N/A	52E <input type="checkbox"/> \$37	52R <input type="checkbox"/> N/A	
*Advanced Cardiac Life Support Provider Initial Training (ACLS)	33E <input type="checkbox"/> \$173	33R <input type="checkbox"/> N/A	53E <input type="checkbox"/> \$173	53R <input type="checkbox"/> N/A	
*Update on New Radiopharmaceuticals	34E <input type="checkbox"/> \$60	34R <input type="checkbox"/> \$75	54E <input type="checkbox"/> \$75	54R <input type="checkbox"/> \$90	

* If you wish to attend any one of these seminars you must pay for each one separately. Please note that signing up for any one of these seminars does not gain you entrance into any other categorical seminars.

(Part 3) Subtotal: \$

PART 4

ADDITIONAL INFORMATION

A. Please indicate any special needs

B. Exhibits-Only pass: Not applicable to meeting registrant. 70R ☐ \$20
(Please provide name(s) below)

C. Spouse/Child registration (Please provide name(s) below) 71R ☐ \$20 each
1-
2-
3-
NAMES FOR PASSES PURCHASED ABOVE

D. I would like to make a tax-deductible contribution to the Society of Nuclear Medicine Education & Research Foundation. 80R ☐ \$5 81R ☐ \$10 82R ☐ \$25 83R ☐ \$50

(Part 4) Subtotal: \$

CHECK: Make check (U.S. Dollars drawn on a U.S. bank) payable to: Society of Nuclear Medicine. **NO VOUCHERS, PURCHASE ORDERS, OR OVERSEAS CHECKS ACCEPTED.**

CREDIT CARD: Only MasterCard and Visa are accepted for registration. You must include your card number, expiration date and signature. (\$50 minimum required.)

MC (16 DIGITS) VISA (13 OR 16 DIGITS)

CREDIT CARD NUMBER:

EXPIRATION DATE: / / SIGNATURE:

Form must be returned with EXACT, full payment, or it will be returned to you. You may fax your form if you provide complete credit card information. **DO NOT MAIL FORM IF YOU FAX IT. SEE REGISTRATION INSTRUCTIONS FOR REFUND POLICY**

Grand Total: \$
(Parts 2+3+4)

Pre-registration deadline is Friday, May 5, 1995



HOUSING RESERVATION FORM

Society of Nuclear Medicine
42nd Annual Meeting

Minneapolis, MN
Sunday, June 11 - Thursday, June 15, 1995

Housing Instructions

1. Housing forms must be received at the Housing Bureau by **May 5, 1995**.
2. **NO TELEPHONE RESERVATIONS OR INQUIRIES WILL BE ACCEPTED.** Do not call to check if a FAXed housing form has been received and **DO NOT** mail a copy of a FAXed housing form, as it will delay processing.
3. Rooms are assigned on a first-come, first-served basis as received by the Housing Bureau.
4. **ONLY ONE ROOM MAY BE REQUESTED ON EACH FORM & ONLY ONE ROOM MAY BE REQUESTED UNDER EACH NAME. YOU CAN NOT HOLD A BLOCK OF ROOMS UNDER ONE PERSON'S NAME.**
5. If you are sharing a room, send only **ONE** form with the names of persons who are sharing; be sure to include all names, including children with names and ages. Include earliest arrival date and latest departure date.
6. If rooms are no longer available in the hotel(s) of your choice, you will be placed in a hotel based on availability.
7. Allow four weeks for processing. Once your reservation has been processed by the Housing Bureau, you will receive an acknowledgement form in the mail or by FAX (only if FAX number is given.) **NOTE: THIS IS NOT A CONFIRMATION.** You will receive confirmation of your reservation directly from the hotel at a later date.
8. Read acknowledgement form carefully to see if it is correct. If you need to make a change or cancellation, copy acknowledgement form and mail it back to the Housing Bureau with change/cancellation indicated. After May 5, 1995, make all reservations, changes and cancellations directly with hotel.
9. Guaranteed room reservations are required. Please include with your housing form a major credit card number or a check, made payable to the GMCVA, for the amount of one night's stay.
10. **TO ENSURE THAT YOUR REQUEST IS HANDLED QUICKLY AND EFFICIENTLY, PLEASE PRINT OR TYPE ALL INFORMATION REQUESTED AND COMPLETE FORM IN ITS ENTIRETY. (BE SURE TO INCLUDE YOUR ADDRESS ON THE FORM).**
11. Room rates quoted above are subject to a 12% state and city room tax. Rates are subject to change after the cut-off date.

Hotel Choices:

1st choice _____

2nd choice _____

3rd choice _____

Room Type Requested: ☐ Single ☐ Double ☐ Triple
 ☐ Quad ☐ Suite ☐ Other

Preference: ☐ Smoking ☐ Non-smoking

*Name _____

Company _____

Address _____

City _____ State/Zip _____

Phone _____

Fax _____

Sharing with _____

Arrival date _____ Time _____

Departure date _____ Time _____

Guarantee Method:

Credit Card Co. _____ Exp. date _____

Card No. _____

Signature _____

Check No. _____ Amount _____

Do you have any physical disabilities of which the hotel should be aware?

Return this form prior to May 5, 1995

SNM 42nd Annual Meeting
Greater Minneapolis Convention & Visitors Assn.
33 South 6th Street/4000 Multifoods Tower
Minneapolis, MN 55402
FAX 612/348-2020

*Confirmation will be sent to this person

HOTEL DESCRIPTIONS

- 1. CROWN STERLING SUITES**
425 South Seventh Street
Minneapolis, MN 55415
612/333-3111
All-suite open atrium hotel featuring six-story waterfalls. Suite amenities include separate bedroom and living area (with galley kitchen), video cassette players and coffee makers in suites. Enjoy complimentary cooked-to-order breakfast and cocktails each evening. Skyway connected to shopping and entertainment. Minneapolis Convention Center - eight blocks.
- 2. CROWNE PLAZA**
618 South Second Avenue
Minneapolis, MN 55402
612/338-2288
Located in the heart of downtown, just five blocks from the Convention Center. Connected to the skyway, walking distance to shopping, dining, and entertainment options. Each spacious guest room equipped with personal refrigerator, cable television, and many other amenities. Complimentary coffee in lobby each morning. Full service 4-star Rosewood Room Restaurant.
- 3. HOLIDAY INN METRODOME**
1500 Washington Avenue South
Minneapolis, MN 55454
612/333-4646
The Holiday Inn Metrodome is a 14-story high rise, full service hotel with contemporary decor, indoor pool, whirlpool, sauna, and exercise room. The Hotel is located just one mile from the Minneapolis Convention Center and most downtown attractions. (Complimentary shuttle service is available by appointment.)
- 4. HOTEL LUXEFORD SUITES**
1101 LaSalle Avenue South
Minneapolis, MN 55403
612/332-6800
The Hotel Luxeford Suites, just off the Nicollet Mall and four blocks from the Minneapolis Convention Center, features 230 two-room suites with fully appointed wetbar, 1,162 square feet of meeting space, Cafe Luxeford and Crowley's Bar which showcase live jazz. Complimentary amenities include: early morning lobby coffee, downtown transportation, and exercise facility.
- 5. HOTEL NORMANDY**
405 South Eighth Street
Minneapolis, MN 55404
612/370-1400
Located in the heart of Minneapolis. Offering 160 guest rooms, 5,300 square feet of meeting space, two restaurants, lounge, indoor pool, whirlpool & sauna, coffee machines in every room, a free USA Today in the lobby and free parking for all overnight guests.
- 6. *HYATT REGENCY MINNEAPOLIS**
1300 Nicollet Mall
Minneapolis, MN 55403
612/370-1234
Located on Nicollet Mall in downtown Minneapolis, 533 rooms, including 21 suites. Two blocks from Convention Center, connected by skyway. 33,00 sq. ft. exhibition hall and 27,000 sq. ft. of meeting and banquet space. Regency Club. A full service restaurant - Taxi, an American Bistro, and Spike's Sports Bar and Grille. Indoor pool. Full service health club with racquetball and tennis courts, weight machines, aerobic classes and gymnasium - for a nominal fee. 15 retail shops located within Hyatt complex. Airport limousine shuttle leaving from hotel every 30 minutes. Covered parking ramp with 720 parking spaces.
- 7. THE MARQUETTE HOTEL**
710 Marquette Avenue South
Minneapolis, MN 55402
612/332-2351
Operated by Hilton International and located in the heart of downtown Minneapolis. Six short blocks from the Convention Center. Part of IDS Center and connected to shopping, restaurants, and convention center via Minneapolis skyway system. Guest rooms are deluxe and oversized. Casual style restaurant and fitness room located on site.
- 8. THE MINNEAPOLIS ATHLETIC CLUB**
615 Second Avenue South
Minneapolis, MN 55402
612/339-3655
The Minneapolis Athletic Club is located six blocks from the Convention Center on Second Avenue. We offer 83 sleeping rooms and 18,000 square feet of meeting space. Hotel guests enjoy full athletic facilities including: racquetball, Nautilus, swimming, Stairmaster, aerobics, and bowling. Dining facilities range from casual to elegant. The Minneapolis Athletic Club is in the heart of the downtown shopping district.
- 9. MINNEAPOLIS HILTON AND TOWERS**
1001 Marquette Avenue
Minneapolis, MN 55403
612/376-1000
Newest hotel, opened November 1, 1992. 814 guest rooms, 51 elegant suites. Meeting amenities include: more than 40,000 square feet of meeting space, including a 25,000 square foot ballroom. Two restaurants, complimentary health club with swimming pool. Connected by skyway to the Minneapolis Convention Center (2 blocks away) and downtown shopping district.
- 10. MINNEAPOLIS MARRIOTT CITY CENTER**
30 South Seventh Street
Minneapolis, MN 55402
612/349-4000
Located in the heart of downtown Minneapolis amid the City Center Mall complex. Directly connected to the skyway system and hundreds of retail outlets. Just seven blocks from the Minneapolis Convention Center, one block from the Target Arena and warehouse district, and eight blocks from the Metrodome.
- 11. PARK INN INTERNATIONAL (Formerly Holiday Inn Downtown)**
1313 Nicollet Mall
Minneapolis, MN 55403
612/332-0371
The closest hotel to the Minneapolis Convention Center and connected by skyway - you will find the newly renovated Park Inn International; 325 tastefully decorated guest rooms, within blocks of major shopping and 52 restaurants within a five block radius.
- 12. RADISSON PLAZA HOTEL MINNEAPOLIS**
35 South Seventh Street
Minneapolis, MN 55402
612/339-4900
Radisson's Flagship hotel. Elegant hotel in the center of downtown. Concierge, health club, and underground parking available. Connected by skyway to shopping, restaurants and entertainment. Sports and cultural facilities within walking distance. Seven blocks from the Convention Center.

*Headquarters Hotel

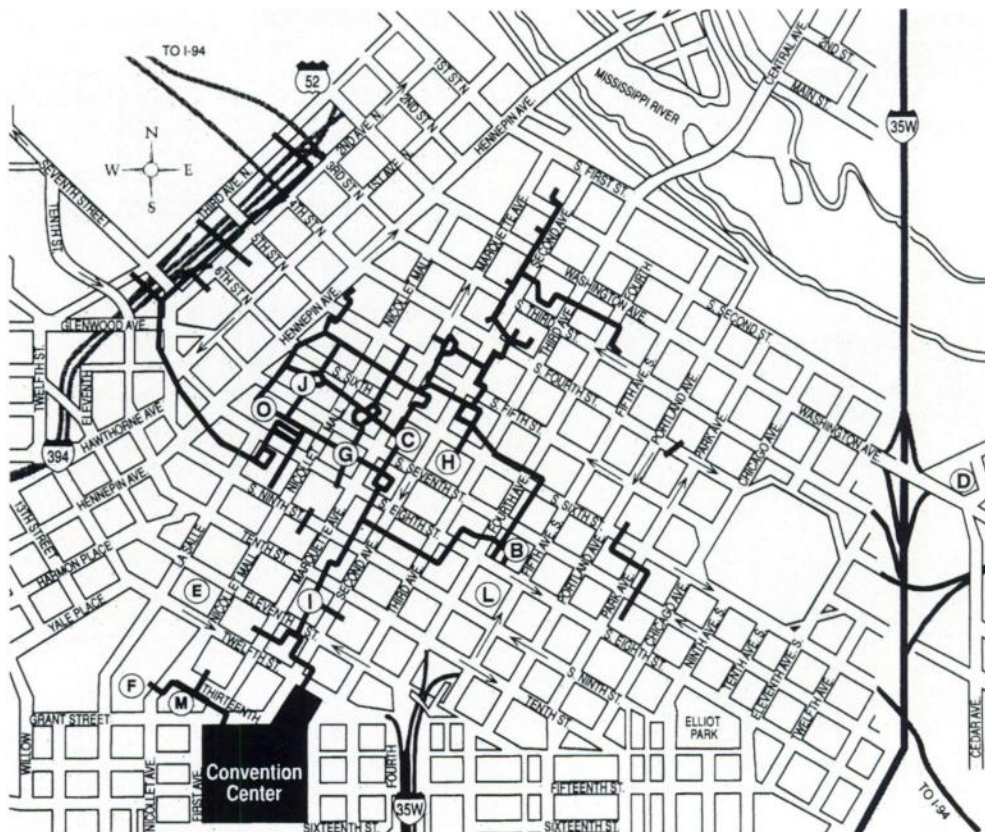
Name of Hotel	Single (1 Person 1 Bed)	Double (2 Persons 1 Bed)	Twin (2 Persons 2 Beds)	One-Bedroom Suite	Two-Bedroom Suite	Check-In Check-Out	Room Service Gratuity Added to Bill Automatically	Extra Bed/ Extra Person Charge	Hotel Guests Daily Parking Rates	Phone Call Surcharge
Marriott City Center (J)	\$113	\$126	\$126	\$150	\$250	3:00 PM 12:00 Noon	17% + no s/c	\$10	\$16 (Valet)	\$.75
Park Inn Int'l (M)	\$90	\$100	\$100	\$190	N/A	3:00 PM 12:00 Noon	N/A	\$10	\$8	\$.75
Radisson Plaza (O)	\$109	\$119	\$119	\$205	\$300	3:00 PM 12:00 Noon	15% + 1.95 s/c	\$10	\$10	\$.75
Hotel Normandy Inn (L)	\$77	\$77	\$77	\$77	N/A	4:00 PM 12:00 Noon	15%	\$10	Free	N/A
*Hyatt Regency (F)	\$129	\$140	\$140	\$275-\$650	\$550+	3:00 PM 12:00 Noon	16% + \$1.00 s/c	\$25	\$9.50	\$.75
The Marquette (G)	\$105	\$115	\$115	\$295	N/A	3:00 PM 12:00 Noon	15% + \$1.00 s/c	\$15	\$13	\$.75
Minnesota Athletic Club (H)	\$90	\$100	\$100	\$130	N/A	3:00 PM 12:00 Noon	17%	\$12	\$9.25	\$.75
Hilton Hotel (I)	\$139	\$145	\$145	\$600	\$750	3:00 PM 12:00 Noon	17% + \$1.50 s/c	\$20	\$9.50 (Valet) \$15.00	\$.85
Crown Sterling Suites (B)	N/A	N/A	\$123	\$123	N/A	3:00 PM 12:00 Noon	16%	\$10	\$10.70	\$.50
Crown Plaza (C)	\$95	\$105	\$105	\$175	N/A	3:00 PM 12:00 Noon	15%	\$15	\$10	None
Holiday Inn Metrodome (D)	\$93	\$103	\$103	\$150		3:00 PM 12:00 Noon	15%	\$10	\$6.50	\$.50
Hotel Luxeford Suites (E)	\$94	\$94	\$104	\$94	N/A	3:00 PM 11:00 AM	17%	\$10	\$8	\$.60

* HQ Hotel

\$4 per night is rebated to SNM to defray shuttle busing costs.

- Hotel room tax is 12%. Sales tax downtown 6.5%. Food tax is 10%.
- Bed type is a request.

DOWNTOWN MINNEAPOLIS



FUNCTIONAL BRAIN IMAGING EDUCATIONAL OPPORTUNITIES AT THE 42ND ANNUAL MEETING

SUNDAY, JUNE 11 - THURSDAY, JUNE 15, 1995

The Brain Imaging Council has organized three related opportunities for you to learn more about SPECT and PET Functional Brain Imaging at the Society of Nuclear Medicine 42nd Annual Meeting in Minneapolis, Minnesota. There will be a categorical seminar on Sunday, a continuing education symposium on Monday, and six Brain Imaging Practica on Tuesday and Wednesday. This years sessions include both a basic introductory and a more advanced course.

The basic practica for the most part will be the same as previous practica,

with more time spent on technical aspects and less on clinical image interpretation.

The advanced practica will briefly review technical factors, and will primarily focus on clinical image interpretation. Attendees for either course will have the opportunity to interact dynamically with experts in the field. A state-of-the-art computer system linked to a video projector will permit attendees to observe the effects of various processing choices and to see their effect on clinical image interpretation. These programs are described below:

CATEGORICAL SEMINAR

Sunday, June 11 8:30-3:00

Organizer: Jack Juni, MD

Co-moderator: Michael D. Devous, Sr., PhD

Co-moderator: Helen S. Mayberg, MD

Registration Procedure: Required! Use the standard SNM 42nd Annual Meeting Registration Form

Presentation Summary: This course is intended for individuals interested in performing and interpreting functional brain SPECT. Similar to the program of last year, the course curriculum is divided into two parts. The first part concentrates on an overview of important aspects of neuroanatomy, neurophysiology, and brain function essential for interpreting functional brain imaging studies. The second half of the course is devoted to a clinical assessment of functional brain imaging. Clinical specialists in the field will discuss their current concepts of what functional brain SPECT offers, how it contributes to patient management and their strategies for using this modality in various diseased states.

The Program:

- 8:30AM **Introduction**
Michael D. Devous, Sr., PhD
- 8:35AM **Neuroanatomy**
Leighton P. Mark, MD
- 9:15AM **The Role of Brain SPECT in Cerebrovascular Disease: A Clinical Perspective**
Lawrence M. Brass, MD
- 10:00AM **Break**
- 10:20AM **The Role of Brain SPECT in Dementia: A Clinical Perspective**
Durval C. Costa, MD, PhD
- Brain SPECT in Seizure Disorders: A Clinical Perspective**
Michael D. Devous, Sr., PhD
- 12:10PM **Lunch**
- 1:10PM **Brain SPECT in Head Trauma: The Current Clinical Role**
Ronald S. Tikofsky, PhD
- 1:50PM **Brain SPECT in Psychiatric Disorders: A Clinical Perspective**
M. H. Trivedi, MD
- 2:45PM **Brain SPECT in Drug Abuse and Infectious Disease**
Leonard Holman, MD

Educational Objectives: After attending this course, participants should be able to:

1. Accurately locate the major areas of the cerebral cortex and subcortex that we can be visualized on functional brain imaging studies.
2. Describe the major functions associated with five different areas of the human brain.
3. Discuss four indications for performing functional brain SPECT in the evaluation of cerebrovascular disease.
4. Describe the patterns of tracer distribution seen in SPECT studies of patients with partial complex seizure disorders.
5. Describe two patterns of tracer distribution in brain SPECT imaging in head trauma.
6. Describe the patterns of brain perfusion in cocaine abuse.

CONTINUING EDUCATION

Thursday, June 13 10:00-11:30

Title: Introduction to Instrumentation, Imaging Agents, Processing, Interpretation and Clinical Applications of Brain SPECT for Nuclear Medicine Physicians

Moderator: Ronald S. Tikofsky, PhD

Co-moderator: Alice M. Scheff, MD

Registration Procedure: No special registration is required. Use the standard SNM 42nd Annual Meeting Registration Form. This course is included in the registration fee for the Annual Meeting.

Presentation Summary: The focus of this traditional neuroimaging continuing education track is to introduce and review the basic principles of clinical rCBG/SPECT. The course will deal with recent developments in instrumentation, radio-pharmaceuticals and clinical applications. The first section reviews the capabilities of gamma cameras used for brain SPECT. Included in the discussion will be single detector, multiple detector, and dedicated SPECT instruments. Currently available brain imaging agents will be explored. The overall approach to image acquisition will be discussed in the second section with special attention to quality control and optimization of image quality with available equipment. The third section will describe the range of current clinical applications of rCBF/SPECT imaging with an emphasis on identifying those areas with widely recognized clinical applicability and those areas with immediate promise.

Instrumentation and Radiopharmaceuticals for rCBF/SPECT Brain Imaging

Jack E. Juni, MD

Approaches to Image Acquisition, Processing and Interpretation

Robert S. Hellman, MD

Current Clinical Applications of rCBF/SPECT Brain Imaging

Thomas C. Hill, MD

Educational Objectives: After attending this session, participants should be able to:

1. Discuss the advantages and limitations of currently available SPECT instruments.
2. Discuss the currently available brain imaging radiopharmaceuticals and discuss their relative advantages and disadvantages.
3. Describe a typical image acquisition and processing protocol for brain SPECT images.
4. Describe common artifacts in brain SPECT images.
5. Describe at least four generally accepted clinical applications of brain SPECT imaging and discuss the role of imaging in the overall evaluation of such patients.

SPECT Brain Imaging Practica

Tuesday, June 13 and Wednesday, June 14
8:30-10:00 1:00-2:30 3:30-5:00

Title: SPECT BRAIN IMAGING PRACTICA

Registration Procedure: Required! Use the form on page 16, not the standard SNM Registration form. Each session is limited to 50 attendees.

Presentation Summary: The Brain Imaging Council continues to offer sessions on the practical aspects of performing and interpreting SPECT imaging of regional cerebral blood flow. This years session again provide either a basic introductory course and a more advanced course. The basic practica will for the most part be the same as previous practica, with more time spent on technical aspects and less on clinical image interpretation. The advanced practica will only briefly review technical factors, and will primarily focus on clinical image interpretation. Attendees for either course will have the opportunity to interact dynamically with experts in the field. A state-of-the-art computer system linked to a video projector will permit attendees to observe the effects of various processing choices and to see their effect on clinical image interpretation. Questions from participants is encouraged, and a conversational format is used. Please note that space is limited. Each session will accept up to 50 registrants on a first come first served basis, requiring advance registration. On-site registration has been of very limited availability in the past, as most sessions were filled in advance. Admission to the advanced course requires previous completion of the basic practica offered in the past three years, or this years basic course.

The Program

SPECT Brain Imaging Practicum: Basic I
Tuesday, June 13, 8:30AM-10:00AM

SPECT Brain Imaging Practicum: Basic II
Tuesday, June 13, 1:00PM-2:30PM

SPECT Brain Imaging Practicum: Basic III
Tuesday, June 13, 3:30PM-5:00PM

SPECT Brain Imaging Practicum: Advanced IV
Wednesday, June 14, 8:30AM-10:00AM

SPECT Brain Imaging Practicum: Advanced V
Wednesday, June 14, 1:00PM-2:30PM

SPECT Brain Imaging Practicum: Advanced VI
Wednesday, June 14, 3:30PM-5:00PM

SPECT Brain Imaging Practica I-VI

REGISTRATION FORM

Each practicum is limited to 50 attendees. You must register for the 42nd Annual Meeting in order to attend this session. Once registered, you must use this form to reserve a spot in the practicum.

Please Note: Admission to the advanced course requires previous completion of the practica offered in the last three years, or this year's basic course. There is no additional fee.

Name (as it should appear on badge)

Affiliation

Address

City

State

Zip

Phone

SPECT Brain Imaging Practicum: Basic I	Tuesday, June 13, 8:30-10:00
SPECT Brain Imaging Practicum: Basic II	Tuesday, June 13, 1:00-2:30
SPECT Brain Imaging Practicum: Basic III	Tuesday, June 13, 3:30-5:00
SPECT Brain Imaging Practicum: Advanced I	Wednesday, June 14, 8:30-10:00
SPECT Brain Imaging Practicum: Advanced II	Wednesday, June 14, 1:00-2:30
SPECT Brain Imaging Practicum: Advanced III	Wednesday, June 14, 3:30-5:00

Please register me for the following SPECT Brain Imaging Practicum.
(Number each practicum in order to choice, 1-6)

Basic: Practicum I

Basic: Practicum II

Basic: Practicum III

Advanced: Practicum I

Advanced: Practicum II

Advanced: Practicum III

All Pre-Registrations must be received by May 5, 1995

Mail to: **Society of Nuclear Medicine
SPECT Brain Imaging Practica
Department: Meeting Services
1850 Samuel Morse Drive
Reston, VA 22090-5316**



CAR RENTAL

The Society of Nuclear Medicine has made arrangements with Alamo Rent-A-Car for special convention rates in Minneapolis. Rates may be reserved for use one week prior to and after the Annual Meeting. The rates listed below include unlimited mileage. Five day minimum stay required for weekly rates.

	Daily	Weekly
Economy (Geo Metro)	\$25.00	\$125.00
Compact (Chevrolet Cavalier)	\$29.00	\$135.00
Midsize (Chevrolet Beretta)	\$33.00	\$155.00
Full-Size (Buick Century)	\$35.00	\$175.00
Convertible (Pontiac Sunbird)	\$47.00	\$249.00
Van (Chevrolet Astro)	\$47.00	\$249.00
Luxury (Cadillac Sedan DeVille)	\$55.00	\$299.00

You can call Alamo directly at 1-800-732-3232. Refer to ID number 77008 and request rate code GR.

For your convenience in making your travel arrangements, you may call World Travel Partners, the official SNM travel agency. World Travel Partners is familiar with the SNM discounts offered on Northwest Airlines and Alamo Car Rental. The number for World Travel Partners is 1-800-336-0227, or 703-205-0455 in Virginia, from 9:00am - 5:30pm EST. Please identify yourself as an SNM traveler.