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The 1990 Scientific Program Committee solicits the submission of abstracts from members and nonmembers of The Society of Nuclear Medicine for the 37th Annual Meeting in Washington, DC. Works-in-Progress accepted for the program will be published in a separate on-site show directory that will be distributed to all those who attend the meeting. Original contributions on a variety of topics related to nuclear medicine will be considered, including:

- INSTRUMENTATION AND DATA ANALYSIS
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Authors seeking publication for the full text of their papers are strongly encouraged to submit their work to JNM for immediate review.

A complete educational program for technologists will be offered and technologists are encouraged to submit abstracts for their work for consideration.

Deadline for Works-In-Progress is Friday, April 6, 1990

The official abstract form for Works-in-Progress may be obtained from the October 1989 issue of JNM or by calling or writing:

The Society of Nuclear Medicine
Attn: Abstracts
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**AUDIOVISUALS, BOOKS, JOURNALS**

The Society of Nuclear Medicine is continually adding to its library of audiovisuals, books, and other publications. A stop at the publications booth is well worth the time. Here you will find on display what the Society has to offer for year-round educational advancement. Networking opportunities and job referral boards are available at special locations throughout the meeting as well as membership information at our membership booth.

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Fellowship FELLOWSHIP in nuclear medicine, University of Minnesota, Minneapolis. One or two year clinical and research fellowship in nuclear medicine starting July 1, 1990. The fellowship is integrated between University and University of Minnesota Medical Center Hospitals. Research opportunities include basic science and clinical work with new single photon emitting brain blood flow agents and a range of therapeutic radiopharmaceuticals. Facilities include basic science laboratories, PET SPECT imaging systems at both hospitals, and opportunities for access to nuclear medicine. Send letter of interest (including list of references) to: Richard A. Holmes, MD, Chief of Nuclear Medicine, University of Minnesota Medical Center Hospitals, 2210 7th Street, Minneapolis, MN 55455. (612) 343-2511, Ext. 6665. EOE.

Physician NUCLEAR MEDICINE PHYSICIAN. The Permanente Medical Group's Santa Clara facility is currently seeking a Nuclear Medicine Physician for this full-time position to join our staff of two MDs. Our teaching hospital has academic affiliation with Stanford University, and is active in SPECT. We require experience in thyroid disease. For more information, call Norton Snyder, MD at (408) 476-3590, or send CV to Kaiser Foundation Hospital, 900 Kiely Blvd., Santa Clara, CA 95050. EOE.

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Resident RESIDENT, NUCLEAR MEDICINE. The University of Wisconsin Nuclear Medicine Residency Program in Madison, Wisconsin has an opening for a first year resident in nuclear medicine starting July 1, 1990. The two-year program at the University of Wisconsin Hospitals and Clinics and the Middleton Veterans Hospital is accredited by the ACGME and satisfies the requirements of the American Board of Nuclear Medicine. The clinical department serves over 900 beds at the two hospitals, currently performs over 6200 examinations yearly and is expanding. Nuclear medicine is a section of a clinically and academically strong radiology department and includes a very active and innovative nuclear cardiology division. In December 1989, the Nuclear Medicine Department moved into a new wing of the University Hospital, which contains all new equipment, including a state-of-the-art three-headed SPECT system as well as other SPECT and planar gamma camera imaging systems. Furthermore, a state-of-the-art PET scanner is present. Residents are encouraged to participate in ongoing projects or develop new projects. Madison is a beautiful city with four lakes and plenty of outdoor recreation, and has frequently been listed by national surveys as one of the top ten cities to live in. The University Hospital has an excellent location, and within one mile of the University of Wisconsin campus college and the state capital. Interested applicants should contact: Scott B. Perlman, MD, MS, Nuclear Medicine Service, University of Wisconsin Hospitals, 600 Highland Avenue, Madison, WI 53792. (608) 262-7041. An Equal Opportunity/ Affirmative Action Employer.

NUCLEAR MEDICINE RESIDENCY—July 1, 1990, San Francisco General Hospital Medical Center, University of California, SF, Program B, 2 yr ACGME approved program satisfying American Board of Nuclear Medicine requirements, special emphasis in both basic science and performance/interpretation of imaging and non-imaging in vivo procedures, radioimmunoassay, and radionuclide imaging. Experience on SPECT, nuclear cardiology, and use of computers. Prerequisite: 2 yr ACGME approved residency in internal medicine, pathology, pediatrics, or radiology. Send CV to: Myron Pollcove, MD, Chief, Nuclear Medicine Dept., San Francisco General Hospital Medical Center, San Francisco, CA 94110. An Equal Opportunity/Affirmative Action Employer.

Technologist NUCLEAR MEDICINE TECHNOLOGY PROGRAM DIRECTOR. The nation's largest University owned teaching hospital is seeking a highly motivated individual to direct a baccalaureate/certificate NM program. Individual must have a Master's Degree or an equivalent combination of education and experience. NMTCB or ARRT (N) certification is necessary. Two or more years of clinical experience and at least one year of supervisory/teaching experience are required. Training in instructional methodologies is desirable. Salary commensurate with experience; excellent benefits. Send resume to: Kenneth B. Holmes, CNMT, Division of Nuclear Medicine, Department of Radiology, University of Iowa Hospitals and Clinics, Iowa City, IA 52242. Phone (319) 356-2954. The University of Iowa is an Equal Opportunity/Affirmative Action Employer. Women and members of minority groups are encouraged to apply.

SECTION CHIEF of Nuclear Medicine. Presbyterian Hospital, a private non-profit hospital licensed for 642 beds, located in Charlotte NC has a full-time position available in its growing and progressive nuclear medicine department. The department is currently doing 10,000+ procedures per year with a staff of 8 technologists. Currently waiting list for services is approx. 21/2 hours from the mountains and 3 hours from the beaches. Position requires CNMT, registered/registrar eligible and 5 years management experience. Competitive salary, benefit package, and relocation reimbursement. Call or send resume to: Presbyterian Hospital, Personnel Dept., 200 Hospital Drive, Charlotte, NC 28203. (704) 371-4132.

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You must be certified as a Nuclear Medicine Technologist by the NMTCB and licensed by the State of California. You must have a thorough understanding of cardiac computer imaging (including SPECT). Cross training into diagnostic ultrasound and echocardiography will be provided.

We offer an excellent compensation and benefits package. Please send your resume to: El Camino Hospital, Attn: Personnel Department, 2500 Grant Road, P.O. Box 7025, Mountain View, CA 94039-7025. We are an equal opportunity employer. Principals only, please.

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Nuclear Medicine Technologists

At Humana Hospital-Medical City Dallas, we’re committed to providing the most advanced medical care available. Our Nuclear Medicine department is no exception. As a full-time Nuclear Medicine Technologist, you’ll work with the latest equipment and technologies including a SPECT camera, Trionic Triad, as well as a PET Scanner—the newest machine in the field.

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For more information on how to join a hospital on the leading edge of health care, contact: Personnel, Humana Hospital-Medical City Dallas, 7777 Forest Lane, Dallas, Texas 75230. (214) 661-7070. EOE.

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Send resume to Human Resources Department, Burlington Medical Center, 602 N. 3rd St., Burlington, IA 52601 or call (319) 753-3320. EOE.

Nuclear Medicine Technologist

The Nuclear Medicine Service of Harry S. Truman Memorial Veterans Hospital is currently seeking a registered NMT. The successful candidate should possess a Bachelors degree with a major in Nuclear Medicine Technology, OR a Science major supplemented by nuclear medicine courses. We offer a competitive salary commensurate with education and experience, excellent benefits, as well as opportunities for continuing education and research.

For more information on our progressive nuclear medicine department contact Richard A. Holmes, MD (314) 443-2511, ext 6875.

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Circle Reader Service No. 5
The overall size of the Insert is 8" diameter by 6" to 10" high. Nuclear Associates, a division of Victoreen, Inc., has developed the Cardiac Phantom Insert, which can be used with the PET/SPECT Performance Phantom source tank to realistically mimic the human heart for thallium-201 tests. The "heart" has a hollow wall into which any of eight "defects" can be inserted. The wall is filled with a solution containing thallium-201, or any other isotope, and the insert is placed within the source tank, which is filled with a less concentrated "background" solution. The eight plastic "defects" are of various sizes and shapes, and when placed within the "heart wall," they cause "cold" spots, just as cardiac infarcts would do. The Cardiac Insert is supported on plastic rods, to allow the entire unit to swivel a full 360°, or be rotated to any desired angle, assuming any desired position or attitude. The resulting images will be equivalent to those obtained during normal patient imaging. The "heart" is approximately 8cm diameter by 8cm high, and the "hollow" wall is 1½cm thick. The Insert is made of acrylic and its sections are sealed with "O" rings to prevent leaking. The eight movable defects include four which are round, ranging in diameter from 5mm to 20mm, and four which are elliptical, ranging in size from 5×10mm to 2×4cm.

Cardiac Insert

Nuclear Imaging PC

Advanced Nuclear Imaging Corporation is offering a complete nuclear imaging computer package which interfaces with any gamma camera and will perform gated cardiac studies, dynamic flow, and static imaging. The software is extremely user friendly with point and shoot menus and pop-up help screens. The system uses an extremely fast IBM-compatible 80386, 32 bit computer at 20MHz speed and includes a hard disk, floppy disk drive, tape backup and 512×512 pixel color or monitor with 256 colors. Also included is an internal modem and communications software to allow remote image transmission, on-line help, and software support. Other features of the system are: persistence scope emulation, built-in "R" Wave detector, hardware zoom, and EKG simulator for quality control studies. The image processing software package contains all the usual routines for processing thallium, gated wall motion studies with semi-automated ejection fraction, and renal studies with GFR calculation. A cardiac phantom is included for validation of the ejection fraction software. A self teaching video tape describing the system is available upon request. Advanced Nuclear Imaging Corporation, 4850 North 37th Street, Hollywood, FL 33021. Attn: Jeffrey Dach, MD. (305) 983-0121.

Circle Reader Service No. 102

Teleradiology Image Display System

Redi-Vu Systems, a division of JD Technical Services, has introduced the Tele-Vu 5000, a scanner based, high resolution, teleradiology image display system. The Tele-Vu is both a transmit and receive system. At the transmit site, Tele-Vu can scan and send transparencies, documents and reports. Thus, a doctor who is not at the site can still offer patient diagnosis. The Tele-Vu 5000 is a flat-bed image scanner that not only scans x-ray films, but also can be converted into a conventional scanner capable of scanning documents. The scanner is based on a 32 bit, 80386 microprocessor operating at 25 MHz. The flat-bed image scanner used at the transmission site has selectable scan speeds of 75, 150 and 300 DPI. The scanner's software features include window/rubber-banding areas of interest, automatic data scaling, and 90° image rotation. The display features consist of rove, minification and magnifying glass, with brightness/contrast and background subtraction for enhanced images. Multiple images from one or more patient studies can be displayed simultaneously. The function keys have pre-programmed macros, which allow operations to be executed with a single keystroke, and the user interface is controlled by an optical mouse. Data can be accessed from multiple sources with video capture and the built-in transmission software allows 2.5:1 data compression with zero data loss. The scanner can also function as a high performance computer, for word processing and accounting applications. Redi-Vu Systems, 2485-G Autumnvale Drive, San Jose, CA 95131. Attn: Jerry Pem Mueller. (408) 263-9963.

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- Stores Department's Procedure Manual
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- Monthly and Yearly Statistics
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