Relevant disclosures:

Committee member, SNM
Executive Board member, ACNM
Member, EANM

Thanks to the following individuals who provided information and/or slides:

Virginia Pappas
Nikki Wenzel-Lamb
Erin Grady MD
Organizations of NM, Part I – Nuclear Medicine:

Learning Objectives:

1. Describe missions, roles and functions of major organizations in Nuclear Medicine
2. Explain their structure, interactions, similarities, differences
3. Demonstrate how YOU can be involved
What are they, What do they do, Why should I care and How can I get involved?

A win-win for the organization and for you!

Organizations: Volunteers are their lifeblood

You: Shape the organization in a positive way

Protect NM interests/strengthen society

Networking – friends, colleagues, jobs

Learn, stay current

Be part of the solution

Your interests = how you are involved
SNM’s History

• Founded in 1954
• The largest international scientific organization dedicated to nuclear/molecular imaging and therapy
• Not-for-profit entity
• A multi-disciplinary organization
  – 17,000 physicians, scientists, pharmacists, and technologists (SNMTS) worldwide
  – industry and other partners
SNM’s Key Leadership areas

- **Research**: communicate and collaborate via meetings and Centers of Excellence
- **Publications**: JNM, JNMT, MIJ
- **Education and training**: Meetings, courses, etc.
- **Professional standards and guidance** for best practices
- **Advocacy**: Public policy and regulatory arenas
- **Forums**: Relationships with other societies, collaboration to improve patient care
How do I get involved? The 4 C’s:

- **Chapters**
- **Councils**
- **Committees**
- **Centers of Excellence**

~ 300 volunteers in SNM
12 Regional Chapters
SNM Councils (10)
Sub-specialty or sub-disciplinary areas of interest: networking and educational programs, resources

- Academic
- Advanced associate
- Brain imaging
- Cardiovascular
- Computer & instrumentation
- Correlative imaging
- General Clinical Nuclear Medicine
- Nuclear Oncology
- Pediatric
- Radiopharmaceutical Sciences
ACADEMIC COUNCIL

• Promote education, research, patient care
• Educational resources/programs
• Resource to Young Professionals

• Subgroup of Program Dir.

• Only $15 per year
Internship Program – Councils and Centers

- Provide opportunity for young professionals to get involved with SNM – 2 year term
- Get involved in operations of the council
- Non-voting member of council BoD
- Work with mentor - complete a project
- Travel stipend to meetings

Erin Grady
1 case per quarter to be published in JNMT
SNM Committees

>24 Committees, many for experienced volunteers

Traditional standing Board Committees e.g. Finance, Membership

Specific Issue Committees

- Guidelines
- Government Relations
  - Govt. Relations Fellowship
- Publications
- Young Professionals

- Quality Assurance
- Scientific Program
- Radiation Dose
- Continuing Education
Young Professionals Committee
Within 10 years from graduation: Residents, fellows, faculty etc.

- Forum for young professionals to enhance educational experience
- Communication between young professionals and SNM, participate nationally
- Represent YPC on SNM Committees, Councils, and Centers
- Create future leaders
- Education sessions, YPC luncheon
- Resources on website

YPC Chair
David Brandon
PET Center of Excellence: PET and PET-CT in daily clinical practice

- Networking
- Educational programs – Online, written, electronic
- Resources
  - Practice guidelines
  - Reporting guidelines
  - Podcasts
  - Clinical tools e.g. atlas, articles

Eric M. Rohren
Center for Molecular Imaging Innovation and Translation

- Molecular Imaging Resident Training Series: train in MI principles/techniques
- Educational programming and events
- Foster innovations: translational research
- Resources: educational, networking

Carolyn J. Anderson
SNM provides leadership in the following areas:

A. Drafting of radiation regulations by working collaboratively with the NRC
B. Development of professional standards and guidelines
C. Accreditation of advanced imaging nuclear laboratories
D. Documenting that nuclear physicians maintain their competency in nuclear medicine
The American College of Nuclear Medicine is comprised of physicians and other nuclear medicine professionals dedicated to enhancing the practice of nuclear medicine through the study, education and improvement of clinical practice.
ACNM’s History

ACNP est. 1974

ACNM est. 1971

New ACNM 9/2009

Combined organization
Membership: >400

ACNP founded to focus on socioeconomic issues in NM
ACNM’s Key Goals:

• **Promote:** grow practice of NM

• **Advocate:** fair reimbursement and favorable economic environment

• **Represent:** government and regulatory bodies

• **Inform:** public, professionals, government about value of NM

• **Communicate:** with other professional societies to advance NM

Active role in socioeconomic affairs
Benefits of ACNM Membership

- **Journal**: Clinical Nuclear Medicine
- **Educational programming**: e.g. CT education, resident abstracts with awards, reduced registration
- **Resident Organization**: residents and fellows
- **Mentorship Program**: public, professionals, government about value of NM
- **ACNM Newsletter**: “Scanner”
- **HPRA Newsletter**: with SNM
- **Fellowship awarded**
ACNM membership includes subscription
Getting involved with ACNM: Residents

- Nuclear Medicine Resident Organization
- [karen.ayres@Vanderbilt.Edu](mailto:karen.ayres@Vanderbilt.Edu)
- No charge to join
- Web – multiple educational resources
- Virtual Journal Club, Scintillator Newsletter
- Online access to Clin Nucl Med

Karen Ayres
This year has been a whirlwind. The NMRO officers have been very busy and are glad to report the changes that have taken place in just a short time.

Our membership drive this year has been a success; we started with 39 residents and now have # residents. We were able to waive the $10 membership fee for the first year of membership. We have increased awareness at the level of the ACNM, SNM and have been in touch with YOUR program director. We want to be able to compliment the learning experience during your residency and give time to help you succeed.

The Scintillator Newsletter was started de novo and has been addressing pertinent and timely topics such as studying for the In-Training Exam, interesting cases seen by residents, CV writing, applying for jobs, a history corner, opportunities available in other organizations as well as recaps of the ACNM and SNM annual meetings. I have a large amount of help from Youhanna Gad who had to step down earlier this year.

I would like to send an immense heartfelt thank you to all of you who elected me as your president for this past year. I know we face some tough times and need to work hard, but I want you to know that I will remain a NM resident advocate as I continue in my career.

How to be a Valuable First Year Nuclear Medicine Resident?

Congratulations! You have already done a great job getting into the residency. So far, you have successfully completed your medical school and survived the most difficult part of your career, “the internship”. Now, it’s time to learn how to be a wonderful resident and leave an unforgettable impression about yourself into your program. Also, it is very important to know how to work with your...
Getting involved with ACNM: Faculty

- Become a Mentor!
- “Residents as Future Leaders”
  Assist NM trainees to fully develop professional career via structured support system
- Mentor of the Year Award

Simin Dadparvar
ACNM differs from SNM because:

A. ACNM was formed about 20 years before SNM
B. ACNM does not have an official journal
C. ACNM awards a Fellowship to selected individuals who have served the college
D. ACNM does not have a focus on socioeconomic and governmental affairs
American Society of Nuclear Cardiology

- Founded in 1993
- Dedicated to Nuclear Cardiology and Cardiovascular CT
- Membership: >4,700 physicians, scientists, techs.

Mission:
- Set standards for quality patient care
- Create educational programming and resources
- Provide information about Nuclear Cardiology
- Advocate for Nuclear Cardiology
Guidelines & Quality Standards

Clinical Guidelines and Standards Documents

ASNC is committed to documenting evidence-based standards for the field of nuclear cardiology and cardiovascular CT.

Training Requirements and Opportunities

Learn more about training guidelines and preceptorship opportunities for nuclear cardiology and cardiovascular CT.

Practice Points

ASNC’s Practice Points series summarizes clinical documents into easily accessible documents for everyday use.
American Society of Nuclear Cardiology

Certification Board of Nuclear Cardiology

Certification of Nuclear Cardiology practitioners

CBNC is not a member of ABMS
International Nuclear Medicine Societies

WMIS
EANM
WFNMB
The World Molecular Imaging Society

• New society (2011) - merger of Society of Molecular Imaging (SMI) and Academy of Molecular Imaging (AMI) – complementary strengths

• International society covers a wide spectrum of interest groups in molecular imaging incl. basic, translational and clinical science

• Multiple modalities include PET, SPECT, MRI, optical, ultrasound, photoacoustic, CT/contrast agents, etc.
The World Molecular Imaging Society: Plans/Goals

- **Education**: Advance education across all MI disciplines
- **Globalization Activities**: Expand in Asia
- **Industry Advisory Board**: New industry board
- **Expanding Interest Groups**: 68-Ga PET Imaging
- **Continuing clinical studies for reimbursement**
- **Continuing dialogue** with regulatory agencies
- **Leads research** e.g. clinical trial 18F NaF
The World Molecular Imaging Society

• Membership is open to all interested parties
• 5th Annual World Molecular Imaging Congress in Dublin

“Structure promotes member participation in research and governance”

Juri Gelovani, MD, PhD
jgelovani@mdanderson.org
The World Molecular Imaging Society:

A. Focuses mainly on non-nuclear applications e.g. optical imaging
B. Was recently formed by the merger of four imaging groups
C. Has strict selection criteria as to who can be a member
D. Organizes an annual meeting with clinical and research tracks
European Association of Nuclear Medicine

• Founded in 1985
• Umbrella organization of nuclear medicine in Europe - 35 national societies
• Membership: >3,000, open to techs since 1999 >300

Mission:
• Advance science and education in NM
• Diagnosis, treatment, research and prevention of diseases through unsealed radioactive subst.
European Association of Nuclear Medicine

• Annual congress >5,500 participants
• Young EANM daily forum – each day with a different focus (career development, research, collaboration)
• Many educational courses/seminars
• Guidelines

Official journal: European Journal of Nuclear Medicine & Molecular Imaging
World Federation of Nuclear Medicine and Biology (WFNMB)

Affiliated regional organizations:
• Society of Nuclear Medicine (USA)
• European Association of Nuclear Medicine
• African Association of Nuclear Medicine
• Latin-American Assn. of Societies of NM & Biology
• Asia Oceania Federation of Nuclear Medicine & Biology

International organizations:
• International Atomic Energy Agency
• World Health Organization
World Federation of Nuclear Medicine and Biology (WFNMB)

• First World Congress in 1974
• Organizes congress every 4 years: 2014 in Mexico
• Membership: Societies, associations or groups

Mission:
• Cooperation between groups, societies, etc in NM
• Organize commissions and meeting
• Unified teaching and training/technical standards

Represent with one voice all NM activities to the WHO, the IAEA and other organization
Summary: Getting involved in the organizations of NM

- Depends on your interests
- Depends on your level
- “But I don’t know anyone”…….. JUST ASK!
- There are countless committee and volunteer positions
- Most organizations have more work than volunteers to carry it out
Don't ever question the value of volunteers......

Noah's Ark was built by volunteers

The Titanic was built by professionals
Questions or Comments?

Thank you for your attention