Cynthia L. Mayer, D.O.

Board Certification: Nuclear Medicine (American Board of Nuclear Medicine – 10/05)

Medical Licenses: Arizona, California, Washington

DEA: Registered since 1998

Fellowships:

(Current): Advanced MIRECC research/clinical fellowship – research and clinical applications of neuroimaging, with emphasis on neurodegenerative diseases and traumatic brain injury.
VA Puget Sound Medical Center
Seattle, WA
10/09 – 10/11

PET/CT: PET Imaging Sciences Center, University of Southern California
Los Angeles, CA
7/06 – 6/07

Residencies:

Nuclear Medicine: University of Washington, Seattle, WA
7/02 – 6/04
(Chief Resident as R-6)

Neurology: Barrow Neurological Institute
St. Joseph's Hospital and Medical Center, Phoenix, AZ
7/99 – 6/02
(Chief Resident as R-4)

Internship:

Transitional Internship: University of California, San Francisco/Fresno Program
University Medical Center, Fresno, CA
7/97 – 6/98

Education:

D.O., College of Osteopathic Medicine of the Pacific, Pomona, CA. 6/97
M.S., Engineering Science (Civil Engineering), University of California, Berkeley, CA
A.B., Biology, University of California, Berkeley, CA

Employment History:

- **Nuclear Medicine Physician** (10/04 – present; various locations in California and Arizona), General nuclear medicine and PET/CT coverage, including at a community hospital, in a comprehensive oncology clinic, and in outpatient imaging clinics; teaching fellows and nuclear medicine technologists.

- **Other (prior to medical degree):** Environmental engineering consultant on technical and legal aspects of environmental investigations. Developed and conducted courses on groundwater contaminant detection under contract to State of California and co-authored an invited paper presented in Sardinia, Italy; Senior engineering scientist and supervisor on various environmental research and development projects for government and industry; occupational

health investigations and research; field biologist

Selected Other Activities:

- ACLS current through 07/2010
- NeuroPET Clinical Preceptorship in Brain PET Image Interpretation. UCLA, 3/07
- Society of Nuclear Medicine Course: Neurologic PET, 7/05
- Instructor, Nuclear Medicine Technology Program, Bellevue Com. College, Bellevue, WA 2/04
- Radiological Society of North America On-the-Air radio interview, 12/03

Selected Publications, Presentations:

- Mayer, C and L Ramanna: Comparison of two brain image analysis software programs for interpretation of FDG-PET dementia cases. (In process)
- Mayer, C (presenter), Ho, L, Henderson, R, Conti, P, Jadvar, H: PET/CT Evaluation of Nodular Thickening of Bronchovascular Bundles in the Presence of Malignant Pleural Disease, presented at the American College of Nuclear Physicians Annual Meeting, San Antonio, TX 2/15/07.
- Mayer, C, Lewis, D, and Minoshima, S: Overview of PET in Epilepsy and Epilepsy Surgery, in: Miller, J and Silbergeld, D (eds): Epilepsy Surgery: Principles and Controversies (Neurological Disease and Therapy), Marcel Dekker, December, 2005.
- Mayer, C, Miller, J, Lewellen, B, Cross, D, and Minoshima, S. 2003. Predicting Outcome in Medically Refractory Epilepsy Patients: Prognostic Value of Presurgical FDG PET. Abstract presented at the Radiological Society of North America, December 4, 2003, Chicago, IL.
- Mayer, C, Miller, J, Lewellen, B, Cross, D, Ojemann, G, and Minoshima, S: Use of PET in Evaluation of Pre-surgical Epilepsy Patients. Abstract presented at the Society of Nuclear Medicine Annual Conference, New Orleans, 6/03.
- Mayer, C and Minoshima, S: Presurgical PET Imaging of Refractory Epilepsy Patients. American Epilepsy Society Annual Conference, Boston, 12/03 (poster presentation)
- Kerfoot, H. and C. Mayer. 1995. Use of Radioisotopes for Detection of Landfill Gas Effects on Groundwater, presented at the Fifth International Landfill Symposium in Sardinia, Italy, October, 1995. In Proceedings of Sardinia '95, vol. III: Regulation, Environmental Impact & Aftercare, CISA Environmental Sanitary Engineering Center, Cagliari, Sardinia, Italy, pp 583-95.

References, list of nuclear medicine procedures performed, pre-medical school employment, and complete presentation/publication list available on request.

(02/10)