

# **Anne G. Osborn ASNR International Outreach Professor Program Feedback Report**

*Recife, Brazil | July 26 – August 1, 2025*

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Associate Chair, Faculty Affairs  
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My sincere thanks to the American Society of Neuroradiology, to Dr. Anne G. Osborn, my role model, and Dr. Amy Juliano, Chair of the International Collaborations Committee, and Karen Lyp, Director of Administration, American Society of Neuroradiology for their guidance and support. I am grateful to our outstanding host Dr. Maria de Fátima Aragao in Recife, Pernambuco, Brazil, for a warm welcome and seamless local coordination.

My first stop was in Sao Paulo, Brazil from where I took a connecting flight to Recife. Recife is the state capital of Pernambuco, Brazil, on the northeastern Atlantic coast of South America. It is the largest city within the North and the Northeast of Brazil and the fourth-largest city in all of Brazil, also known as the "Venice of Brazil". At the airport I was greeted by our wonderful host Dr. Aragao along with her husband Dr. Mauricio.

Public state-funded hospital facilities serve a dual role in Recife, delivering care and training the next generation. The city's health complex includes over 400 health establishments (private and public) and more than 8,000 hospital beds. I had the pleasure of visiting three of these teaching institutions and interacting with medical students, radiology residents, faculty, nursing staff, and technologists. On the training side, Recife currently offers at least 24 first-year Radiology residency positions, the largest being IMIP (Instituto de Medicina Integral Prof. Fernando Figueira). I delivered over 12 didactic lectures and conducted multiple case review sessions, workstation teaching, protocol optimization and technologist education, with a focus on practical neuro-oncology, response assessment, new/cutting edge techniques, and revised WHO 2021 brain tumor classification.

I arrived in Recife on Saturday, July 26, and on Sunday, July 27th, Dr. Aragao organized a trip to Porto de Galinhas a beach located 60 kms south of Recife. It is known for pools of clear, warm water formed among corals, as well as estuaries, mangroves, white sand and coconut groves, and has been elected as the "Best Beach in Brazil".

On Monday, July 28, I visited Universidade Federal de Pernambuco (UFPE) — Medical Sciences Center and delivered three lectures, 1) Next-Generation Neuro-Oncologic Imaging: What's New and What's Coming? 2) Brain Tumor Mimics: Navigating Diagnostic Pitfalls with a Multiparametric Approach and 3) Electrical Therapy for Malignant Gliomas: Tumor Treating Fields and the New Standard of Care.



*Lecture on Brain Tumor Mimics: Pyogenic brain abscess case discussion.*



*Group photo: Universidade Federal de Pernambuco (UFPE) — Medical Sciences Center*

After teaching sessions and faculty exchanges, I headed to the Hospital da Restauração, where I delivered two didactic lectures: 1) Infratentorial Tumors: Differential Diagnosis by Location and 2) Non-Traumatic Neurologic Emergencies of Brain and Spine and visited the radiology department.



*Hospital da Restauração, Residents and faculty.*



*With residents and staff in ultrasound suite, Hospital da Restauração, Recife.*

On Wednesday July 30<sup>th</sup>, I visited IMIP (Instituto de Medicina Integral Prof. Fernando Figueira). IMIP is a philanthropic, non-profit teaching hospital founded in 1960 by Prof. Fernando Figueira. It serves as a major referral center for underserved communities in Brazil's Northeast while integrating patient care with education and research, including one of the largest radiology residency training programs, a Clinical Research Center, and a Translational Research Laboratory. IMIP is recognized nationally as both an academic teaching hospital and a reference hospital, and it publishes the Brazilian Journal of Mother and Child Health, reflecting its longstanding leadership in maternal-child health.

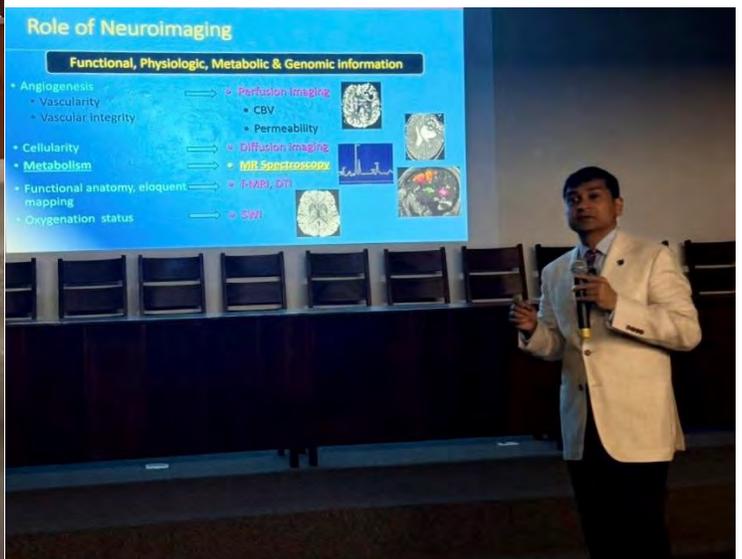
Here I delivered 3 didactic lectures, visited the reading rooms, scanners and spent time with technologists, for optimizing neuroimaging protocols. 1) Adult Brain Tumors: An Algorithmic Approach (with key updates from the 5th edition (2021) WHO Classification of CNS Tumors), 2) Infratentorial Tumors: Differential Diagnosis by Location and 3) Interactive case reviews emphasizing response assessment and practical reporting language with hands on protocol optimization.



*Reading room case review at IMIP.*



*IMIP, Residents and faculty.*





*Session closing and presentation of tokens of appreciation (IMIP).*



*Medical museum visit, IMIP, Recife.*

On Friday, August 1, I participated in the national conference Jornada Pernambucana de Radiologia, largest radiology meeting in the region with over 1200 participants and delivered 4 lectures on 1) Five Key Molecular Alterations You Need to Know for Tumor Board, 2) Your Brain on Drugs: Neuroimaging of Toxic Encephalopathies, 3) Lesions of the Basal Ganglia and Thalamus: Pathways to Diagnosis, 4) Small is Beautiful: Overdiagnosis and Neuroimaging.

Here is a fun Instagram clip where the organizers were asking me to share my experience.

[https://www.instagram.com/reel/DM0mvi5uCq2/?utm\\_source=ig\\_web\\_copy\\_link&igsh=MWVuNjkwYzl1ZjFjag==](https://www.instagram.com/reel/DM0mvi5uCq2/?utm_source=ig_web_copy_link&igsh=MWVuNjkwYzl1ZjFjag==)

**XXVII JORNADA PERNAMBUCANA DE RADIOLOGIA**

**JPER-CDIM 2025**

**XXVII JORNADA PERNAMBUCANA DE RADIOLOGIA** **XXXIII CURSO DE DIAGNÓSTICO POR IMAGEM DA MAMA**

31 de julho a 02 de agosto

**RECIFE HOPOCENTRA** CASI SANTA RITA, 45 BARRIO SÃO JOSÉ RECIFE/PE - 55000-360

**NEURO**

DR. SORAIA MOOKAL, MD, FRCR (USA) AMERICAN SOCIETY OF NEURORADIOLOGY (ASNR) VISITING PROFESSOR

DR. CELSO HYGINO JR. CRM: 59983 - RJ | RQE: 4438 PAIS EXATAS

DR. ADONIS MANTZELLA (PE) CRM: 7588 - PE | RQE: 11581 COORDENADORA / SOCIA

DR. ALESSANDRA SOARES (PE) CRM: 11518 - PE | RQE: 3306 COORDENADORA

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**ASNR**  
American Society of Neuroradiology  
AMERICAN SOCIETY OF NEURORADIOLOGY (ASNR)  
ANNE OSBORN PROGRAM INTERNATIONAL  
VISITING PROFESSOR

RESPONSÁVEL TÉCNICO CIENTÍFICO  
Dra. Adonis Mantzella  
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REALIZAÇÃO  
**SOCIEDADE DE RADIOLOGIA DE PERNAMBUCO**  
Fundada em 1954  
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APOIO  
**chr**

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*Event promotion for XXVII Jornada Pernambucana de Radiologia.*



*Building industry relationships at the exhibitor hall (Recife).*



*Receiving a memento from the President of the Brazilian Society of Radiology.*

*"Lion of Brazil" gift—local artisan piece presented during the meeting.*

Dr. Arago also organized a day trip to the city of Olinda which is 10 km north of Recife. Olinda is the oldest Brazilian city declared a World Heritage Site by UNESCO and was even referred to as a "little Lisbon" due to its opulence, comparable only to that of the Portuguese court.



*View of Recife from Olinda*

Overall, the educational engagement by residents, fellows, and practicing radiologists was terrific. Sessions were highly interactive, with robust Q&A and case-based discussions. We emphasized integrating quantitative imaging and patient facing approaches. We discussed strategies for tumor board presentations, including practical pointers for adopting volumetrics and longitudinal assessment. I encouraged trainees to become members of ASNR and RSNA and attend annual meetings to further enrich their educational experience and explore opportunities for presenting educational exhibits featuring cases from Recife.

Following the Recife program, we traveled to Manaus for a three-night stay at an Amazon rain forest. Guided excursions by boat and on foot highlighted the region's extraordinary biodiversity, riverine ecosystems, and conservation efforts.



*Sunrise in the Amazon*



*The Meeting of Waters (Encontro das Águas) is the confluence between the dark (blackwater) Rio Negro and the pale sandy-colored (whitewater) Amazon River, referred to as the Solimões River. For 6 km (3.7 mi) the waters of the two rivers run side by side without mixing, one of the main tourist attractions of Manaus (capital of the state of Amazonia).*

A brief stop in Rio de Janeiro and Iguassu Falls completed the trip.



*Iguassu Falls, Brazil*



*Devils throat, Iguassu Falls, Argentina*



*Christ the Redeemer, Rio de Janeiro, Brazil,*

We returned to Philadelphia after a truly memorable visit to Recife, Pernambuco, working with the remarkable teams at Universidade Federal de Pernambuco (UFPE), Hospital da Restauração and IMIP and colleagues across the city. The breadth of clinical material, the range of pathology, and the energy of the residents were inspiring; the faculty's commitment to patient care and teaching was equally impressive. Sharing cases, leading conferences, and learning from local practice patterns was pure joy. Everyone was generous with their time and kindness, and the welcome we received could power a whole radiology department.

The best part is that the conversation won't end here. We are already planning follow-up webinars, exploring a structured mentorship exchange, and discussing a joint CME effort with our Recife colleagues. I'm excited about growing collaborations in neuro-oncologic imaging, spectroscopy, and resident education.

I am deeply grateful to the American Society of Neuroradiology, the Anne G. Osborn International Visiting Professor Program, and the program leadership for making this experience possible, and to our gracious hosts (Dr. Aragao and team) in Recife for their hospitality and partnership. I also want to thank Dr. Laurie Loevner and our Chair, Dr. Pari Pandharipande, for their mentorship and for supporting my participation on behalf of Penn Radiology. This was a unique, rewarding experience that I will carry with me, professionally and personally, for years to come.

With gratitude,  
Suyash Mohan