

ASNR Anne Osborn International Professorship 2025 Summary

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I am honored to have been chosen for the 2025 ASNR Anne Osborn International Professorship to São Paulo and Rio de Janeiro, Brazil in August. I started my stay in São Paulo with speaking engagements at the Dr. Feres Secaf 29th Imaging Update Course 2025, as part of the well-attended Sociedade Paulista de Radiologia (SPR) e Diagnóstico por Imagem. I gave two interactive, case-based talks on pediatric neuroradiology, including use of the *Kahoot!* platform for direct audience participation. It was wonderful to connect with Brazilian radiologists and residents in an exciting medical education setting.



After a short flight to Rio, I began my week of teaching across various sites across the city. Monday morning, I was hosted by Dr. Tatiana Fazecas at the Jesus Pediatric Hospital, where I taught pediatric, radiology, and neurosurgery residents with a handful of relevant faculty present for the discussion as well. We covered phakomatoses and pediatric neuroradiological emergencies, and ended with an interesting case discussion. I was taken on a short tour of the hospital with focus on the imaging areas and was truly amazed at the customization of the rooms for pediatric imaging, making them inviting and fun spaces for children rather than cold clinical ones. They were much more vibrantly decorated than ours!



The next day, my host for the week Dr. Celso Hygino started me off at the CDPI Clinic in Ipanema, where the neuroradiologists and I had a productive working meeting about various pediatric neuroradiology MR protocols, as requested by clinicians. We also reviewed a handful of cases together to illustrate these various protocol dilemmas.

The next evening, Dr. Hygino met me at the beautiful Alta Clinic in Botafogo. I was part of a panel of speakers for an enriching program which pediatricians, radiologists, geneticists and neurosurgeons attended. Centered on the theme of fetal neuropathologies, I provided a talk on fetal MRI to those in attendance, along with an obstetrician-gynecologist's talk on imaging diagnostics, and a geneticist's complementary talk on genetic diagnostics. The clinical symposium was very well attended, accompanied by a beautiful reception where I tried some fresh exotic local juices.



The next morning, I met with Dr. Heron Werner at the CDPI Clinic Barra da Tijuca. I toured the sprawling facility, which is connected to a large mall complex, and saw the efficiencies of running a radiology practice in such a setting with a large number of magnets. We spent some time with the Fetal Medicine Imaging group discussing women's imaging as per the morning's imaging schedule. In Brazil, prenatal MR is interpreted by obstetrician-gynecologists. An interesting fact I learned is that over 75% of pregnant patients deliver by c-section in Brazil, and that leads to a higher rate of placental complications such as accreta, so many of the MRIs performed are for this indication alone, with frightening complications and highly complex surgical courses frequently encountered.



On my last day of teaching, I spent the morning with renowned pediatric neurosurgeon Dr. Gabriel Mufarrej at the esteemed Neurology Institute (Instituto Estadual do Cérebro Paulo Niemeyer), during which I and other local clinicians presented interesting pediatric epilepsy cases, in discussion with a broad audience of pediatricians, radiologists, geneticists and neurosurgeons.

After a tour of the historic facilities, including a brief dip into the operating rooms with fortunate timing of clip placement on an aneurysm, I traveled to my final stop, which was added due to my work in radiology simulation – the eye-catching Bio Design Lab Dasa at the Pontifical Catholic University. After a faculty lunch together, Dr. Werner introduced me to all his staff and showed me various past and ongoing 3D printing projects. The Bio Design lab focuses on 3D printing, augmented reality, and the metaverse. It was a very unique experience and I was very impressed with the detail of 3D printing utilized to provide assistance to various subspecialty surgeons, including fetal surgeons and OBs.



It was a full week of teaching, yet I had plenty of time to enjoy the city as well. I took a long walk from Le Blanc along the Ipanema and Copacabana beaches and was able to take in the stunning sunset. Dr. Hygino introduced me to a pediatric radiology fellow who is also already a practicing general radiologist, and we became fast friends. We met several times for meals and snacks, and she also took me on an adventure to La Pedra Bonita for an quick hike up to an unforgettable view – highly recommended! We even saw an adorable large coati family and a monkey perched in a tree on the way down!

My family met up with me after my teaching week, and I then did a very full week of touring, including highlights such as my first time hang gliding (loved it!) and a somewhat rare trip to

Foundation Oswaldo Cruz (Fiocruz). Our visit to the Tavares Bastos favela (where their SWAT-like team called BOPE is headquartered) was immersive – my favorite part was taking the moped up and down the sloped streets to access the favela. I also highly recommend the Roxy Dinner Show, which provided great entertainment and tasty bites. I felt very safe throughout my stay, even as a solo female traveler before my family arrived – I live in Chicago, so just basic city smarts is all that is needed. My accommodations were great in both cities, and the food was fabulous! I miss the culture and the people already, and hope to visit again someday soon. I want to thank Dr. Osborn for her investment in international outreach – forming these connections across the world are invaluable. And much gratitude to the selection committee for providing me this amazing opportunity!





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