

**Resident Program Updates – Winter 2010**  
**University of Manitoba Residents Program**  
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	Program Description
<b>Protected Academic Learning</b> (Half-day)	<ul style="list-style-type: none"> <li>-Protected half-day every Wednesday afternoon divided into 3 sessions on general and subspecialty pediatric topics, including ethics, evidence-based medicine, physical exam, OCSE preparation sessions</li> <li>- As of July 1, 2009 sessions were designed to cover the Pediatric Royal College Objectives on a cycling schedule so each resident is exposed to each session</li> </ul>
<b>Call or Night-float system</b>	<ul style="list-style-type: none"> <li>- Senior night-float is a two-week block of alternating nights consisting of seven 16:30 -8:00 shifts with no daytime responsibilities</li> <li>- Each resident does 4 weeks per year in PGY-2 to PGY-4</li> <li>- PGY-1's do one two-week float that is "buddied" with a senior resident in their transition to becoming a senior resident</li> <li>- Residents now receive an evaluation during their night-float rotations by the current CTU attending with whom they review admissions and discuss changes in management decisions or acute changes during the night.</li> <li>-Resident on rotations in NICU or PICU do rotation-specific call</li> <li>-PGY-4's have the option to do a maximum of four NICU, PICU, or ward calls per month</li> </ul>
<b>Vascular Access</b> (opportunities, vascular access team)	<ul style="list-style-type: none"> <li>- Residents have elected to remain "1st call" for IV starts and blood draws as a measure to keep up with vascular access skills</li> <li>-The development of a pediatric vascular access team remains a work in progress as a back-up to residents on the wards</li> <li>- There has been a positive shift from trained ER, NICU, and PICU nurses to be more available and serve as "back-up"</li> <li>- Some wards are now actually training pediatric nurses for blood draws and IV starts</li> <li>- The Pediatric Procedural Day Unit is available during daytime hours</li> </ul>
<b>Resident Retreat</b>	<ul style="list-style-type: none"> <li>- Residents plan two protected week-ends a year (in fall</li> </ul>

(protected, in our out of hospital, length)	and spring) in which residents plus significant others/families are able to gather at a resort out of town for fun activities, games, and socializing away from the hospital. -Retreats have recently taken place at Provincial Parks and Lakeside resorts around Southern Manitoba - At least one half- day of the retreat is dedicated to educational or inspirational activities
<b>Advocacy Projects</b>	-Starting July 1, 2009 all PGY-3's work together on an advocacy project of their choosing with an experienced supervisor -The current PGY-3's are the first group to collectively work on a project aimed to promote dental assessments and age-dependent dental care packages to all children admitted to hospital - Residents maintain a close relationship with the low-income families and communities that surround The Winnipeg Children's Hospital
<b>International Electives</b>	-There is a continued strong interest in global health with residents involved in a variety of recent international electives in Botswana, Cambodia, India, Australia, and Israel - Residents may participate in international electives in PGY-2 to PGY-4
<b>Rural Experiences</b>	- Residents continue to enjoy rotations in Brandon and frequent trips accompanying a pediatric consultant to rural and northern remote Manitoba, and many Nunavut communities
<b>Observed History and Physicals</b>	- OSCEs are run twice a year and designed to mimic the Royal College of Pediatrics Examination - A detailed OSCE review session takes place and the exam is videotaped in efforts to provide residents with feedback - Residents are expected to complete one formal observed history and physical in PGY-1, two in PGY-2,3, with the official STACER being in third or fourth year
<b>Resident Research</b> (support, protected time, publications, presentations)	- Residents may take up to one research month per year during elective time in second, third or fourth year - Each resident is expected to complete and present a formal research project before the end of their training - Publication is not mandatory; however, many of our residents are already well-published and presenting at national and international conferences
<b>Mock Codes</b> (frequency, use of simulators)	- We are currently in our second year of regular real-time mock code scenarios in our Emergency Department one morning a month

	<ul style="list-style-type: none"> <li>- Our "Mock Code Planning Committee" works hard with one of our Pediatric Intensivists to plan each scenario</li> <li>- One resident volunteers to run the code with the others participating as code team members, a discussion about the scenario follows</li> </ul>
<b>Procedural Skills</b> (workshops, opportunities)	<ul style="list-style-type: none"> <li>- Starting July 1, 2009, PGY-1's have a mandatory 2 week "Skills" rotation to gain experience with IVs, LPs, and intubations</li> <li>- Residents work in emergency (for procedures only), anaesthesia, and the Pediatric Day Procedural Unit</li> <li>- Senior residents have the opportunity of doing a Skills rotation as an elective in later years</li> </ul>
<b>Other areas of note</b>	<ul style="list-style-type: none"> <li>-A big welcome to our new interim Program Director, Dr. Aaron Chiu</li> <li>-Our group of residents have been pulling together and working especially hard this past year in the face of increasing acuity on the wards and the recent HINI epidemic affecting so many children in Manitoba and Northwestern Ontario</li> </ul>