

Pediatric Ophthalmology Fellowship

Name of Institution: McGill University Health Centre

Location: Montreal Children's Hospital Glen site, Room A02.3913 on 1001 Blvd Decarie, Montreal Que H4A 3J1 Canada

- Number of fellowship positions requested; 1 per year
- Academic affiliation McGill University Health Centre
- Name of hospitals involved in training: Montreal Children's Hospital, St Justine Hospital, The Children's Clinic (TCC)
 - % time spent by the fellow in each institution (TOTAL 100%) (80% MCH, 10% STJ, 10% TCC) •
Background: Pediatric hospitals and Children's eye clinic
 - • Research activities Retinal Genetic studies in children's blindness (Dr. Koenekoop)/
Therapeutic research studies for Childhood Blindness (Dr. Koenekoop) and eye movement and eye lid studies with novel technologies(Dr. Falcao) and neuro-ophthalmic studies in kids (Dr. Toffoli)
 - • Publications 50 publications/ in the past 5 years in peer reviewed journals
 - Grants and awards for Eye research: 10 including NIH, CIHR, FBC, Reseau, \$ 4 million CDN
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 - • Mission: To train highly qualified Pediatric Ophthalmology fellows in all clinical, surgical and research related topics and spheres of childhood eye disease, especially blindness, strabismus, tumors, oculoplastics, neuro-ophthalmology, cataracts, glaucoma and amblyopia.
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 - • Outline how intended fellowship will enhance residency training: Surgeries, clinics, research, teaching, journal clubs, Grand Rounds including Surgical Grand Rounds will all enhance the residents receiving teaching from the fellow,
 - Sainte-Justine Hospital rotation with Dr. Patrick Hamel for RB tumor and glaucoma will enhance fellow experience which will also transmit to the residents.
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 - Name of the Fellowship Program Director Dr. Robert Koenekoop, co-director Dr. Daniela Toffoli
 - Names of the Teaching Faculty McGill University Health Centre
 - Daniela Toffoli MD Asst prof, full time
 - Robert Polomeno MD Asst prof, part time
 - Conrad Kavalec MD, Asst prof CAS, part time
 - Dr. Michael Flanders (part time)
 - Dr. Marcele Falcao MD PhD asst professor full time
 - Patrick Hamel MD, Assoc prof, part time, MCH, UdeM and STJ
 - Rob Koenekoop MD PhD Full professor, full time. CHIEF
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- Roles Teachers
- Summary of clinical practice: Strabismus, cataract, blindness, retinoblastoma, traumas, pediatric neuroophthalmology, pediatric glaucoma, retinopathy of prematurity, pediatric oculoplastics o
- Major Strengths: Childhood blindness, inherited retinal degenerations, Retinitis pigmentosa, novel treatment studies, Strabismus, Neuro ophthalmology, lid diseases, orbital tumors and oculoplastics in kids, glaucoma, cataracts, and Retinoblastoma.
- Academic Facilities:
- Outline facilities for clinical and academic pursuit:
- At MCH glen site: 9 lanes, 1 OR, 1 research lab and 3 Center for Innovative Medicine rooms (CIM) for testing and clinical trial space for research, plus 1 active genetics research laboratory at the Translational Center for Biomedical Sciences (TCB)
- At Glen site major kids ER and NICU (42 beds)
- At TCC, 4 lanes for clinics and 1 OR and 1 testing room
- At STJ 1 OR and 12 eye lanes, plus treatment rooms and testing rooms
- Library access, with materials relevant to fellowship training: Yes
- Multimedia learning materials available: Yes
- Availability of a skills lab if applicable: Yes
- Fellow Duties and Responsibilities on Call responsibilities to cover service: Yes
- Include whether the fellow is the senior supervisor of residents: No not now
- Outline whether there are fixed rotations at various (3) institutions: Yes
- Outpatient clinic responsibilities need to be outlined: The fellow will be either in clinic, assisting at retinopathy of prematurity rounds in NICU, assisting with inpatient/ward consults, or in the OR or doing research at the CIM or TCB
- Outline role of the fellow towards residents on service: Teaching residents during clinics in OR in research, NICU and ER and occasional didactic teaching will be expected.
- Teaching responsibilities towards residents: Same.
- Outline participation in academic activities involving the residents: seminars, Outcome assessment (morbidity and mortality rounds etc): Fellows participate in Weekly, & Monthly Journal Clubs, Grand Rounds, Surgical Grand Rounds.
- Describe any support staff available to the fellow: Ophthalmology program coordinator, nurse Clinician, secretarial: one administrative officers, three Orthoptists, One Assistant nurse (4 days a week).
- Proposed meetings to be attended by the fellow: ARVO, McGill Day, Sainte-Justine's Day, AAPOS
- Research productivity and publications expected by the Fellow: One to two publications / year Curriculum of Intended case load: 1000 clinic cases, 75 surgeries.
- Intended Percentage of varieties of cases: Strabismus 70%, cataract 10%, oculoplastics 20% and other procedures (including intravitreal injections for ROP, occasional laser treatments 5%)
- Regular reading materials provided (if any): Journal Clubs and Conference weekly schedules Yes
- Role of the fellow in attending, presenting, supervising, organization: 100%
- Prepared and approved by Drs Falcao, Toffoli, Koenekoop January 27, 2020