



Pediatric and Adolescent Gynecology

FELLOWSHIP INFORMATION PACKAGE

| 2023-2024 |

Table of Contents

1. Welcome
2. General Fellowship Information
3. Specific Rotation Information
4. Before You Start
5. Fellowship Objectives
6. Fellowship Assessment
7. Fellowship Expectations
8. Teaching Requirements
9. Call
10. Clinic Experiences
11. Surgical Experiences
12. Conferences
13. Resources Available
14. Contact Information

Welcome!

Welcome to your Pediatric and Adolescent Gynecology (PAG) fellowship. On behalf of all the PAG attendings, nurses and support staff, we are so happy to have you! We are hopeful this year will be invaluable to your future practice and instill in you a genuine understanding of and love for Pediatric and Adolescent Gynecology. This document is to help answer any questions you may have prior to and during your fellowship!



General Fellowship Information

Overall Goals

During this fellowship, you will fine tune your ability to develop a differential diagnosis, order investigations and come up with management plans for common and complex pediatric gynecology presentations. You will be exposed to a variety of pediatric and adolescent gynecology surgical presentations and act as an integral part of the surgical team. Throughout this year, you will work on communicating with pediatric patients and their families. You will also have considerable exposure to trans health and develop an approach to multiple medical and surgical trans health concerns. Lastly, you will have the opportunity to work on your adult gynecology skills and obstetrical skills throughout this fellowship. These opportunities have been deliberately integrated into our training program with the intention of ensuring our graduates can easily transition to a staff position that combines a general obstetrics and gynecology practice with pediatric and adolescent gynecology.

As the Pediatric and Adolescent fellow in Calgary, you will become an important resource for the general practitioners and primary care physicians in the region with pediatric and adolescent gynecology questions. By being first call during the week (8 am-5 pm), you will have an invaluable role in organizing care for the PAG patients in our region and will have the opportunity to meet and collaborate with a variety of health care professionals.

By the end of this fellowship, you should feel comfortable in diagnosing and caring for patients with complex pediatric and adolescent gynecology problems. You should be comfortable managing common pediatric and adolescent gynecology surgical presentations. You should demonstrate the ability to organize an approach to complex surgical problems and work collaboratively with the care team to manage these problems. Lastly, you should be comfortable communicating with patients and families regarding complex medical and surgical pediatric and adolescent presentations.

Our team is very welcoming and are open to feedback. If you ever have concerns or questions about the program, please ask us!

Staff

During your fellowship, you will work with a variety of Pediatric and Adolescent Gynecologists, nurses and support staff. We are so lucky to have such a big team! All PAG team members for our program also have full adult gynecology practices. This will ensure that you get adequate exposure to pediatric presentations but also maintain your adult gynecology skills. It will also allow you to contribute to complex anatomy surgery (ie. repair of transverse vaginal septum etc) in the future.

In Calgary, our physician team includes:

- Dr. Phillipa Brain (Calgary PAG division head)
 - Dr. Jaelene Mannerfeldt
 - Dr. Sarah McQuillan (PAG Fellowship Director)
 - Dr. Christine Osborne
 - Dr. Kayla Nelson
- In Vancouver, our physician team includes:
 - Dr. Deborah Miller
 - Dr. Nicole Todd
 - Dr. Aliya Sachedena
 - Dr. Tara Justice (recent PAG fellow 2021-2022)

Our Nursing Team at ACH is amazing! Key players include:

- Marci Rosin- Gyne nurse at ACH

What the Year Will Look Like!

This 1 year fellowship program will encompass a wide range of Pediatric and Adolescent Gynecology presentations. There will be a combination of time spent in Calgary, Alberta and on elective (which can include time at any recognized PAG Fellowship Center in Canada (we have a very close working relationship with the PAG Providers in Vancouver, BC who attend our Journal Clubs and Rounds). While in Alberta, fellows will spend time at the Alberta children's Hospital, Foothills Medical Center, South Health Campus and Rockyview General Hospital.

In the fellowship, there will be focus on follow-up of complex PAG presentations into adulthood. There will be OR exposures including 1-2 PAG ORs per month + emergency cases. In addition, there are 2-3 adult ORs per month and gyne opportunities on call. Lastly, there is built in general Obstetrics/Gynecology (call 2/month) and peds general surgery call (2/month while on PAG block).

Rotations are as follows:

PAG Calgary blocks (10 total), Pediatric General Surgery (1 block), Pediatric Urology (1 block), Electives (1 block)

Specific Rotation Information

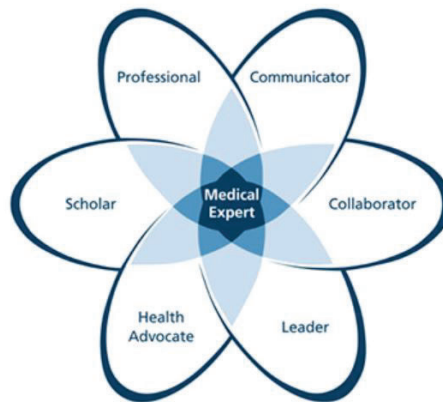
Rotation	# Block	How to Prepare	Call	Opportunities	Contact
PAG Calgary Blocks	10	<ol style="list-style-type: none"> 1. Review Emans and Laufer Pediatric and Adolescent Gynecology (throughout year) 2. Prepare teaching presentations for residents 3. Attend all NASPAG fellow teaching sessions (1 x/month) 4. ACOG/SOGC applicable Guidelines 	<ol style="list-style-type: none"> 1. PAG call- Monday-Friday 8 am- 5 pm 2. SHC OBGYN Call- 2/month 3. Peds Gen Surg 2/month 	<p>PAG- clinics (1.5 per week), OR (2/mon)</p> <p>General Gyne- clinics (1-2 x/week), OR (3-4/mon)</p> <p>Peds Endo- clinics</p> <p>Adolescent Medicine- Clinics</p> <p>Peds Chronic Pain- clinics and multidisciplinary sessions</p>	Dr. Sarah McQuillan
Peds General Surgery	1 + call after the rotation	<ol style="list-style-type: none"> 1. Review Emans and Laufer – Chapter 39 Laparoscopy in Peds 2. Review document provided by gen surg with common presentations 3. Email your vacation requests to Dr. Lo 	5-7 shifts in the block (24h call)	<p>Gen surg clinics- 2-3/week</p> <p>Gen surg ORs- 2-4/week (1st assist typically)</p> <p>Call OR experiences</p>	Dr. Andrea Lo
Peds Urology	1	<ol style="list-style-type: none"> 1. Review Emans and Laufer Chapter 12- Pediatric Urology 2. Email any vacation to Dr. Weber 	Variable pending their fellow ~ 1 week 24/7 call	<p>Urology ORs- 3-4/week (1st assist)</p> <p>Urology Clinics- 2-3 /week</p> <p>Call OR experiences</p>	Dr. Bryce Weber
PAG Elective Blocks (UBC or other (MIS, plastics))	1	<ol style="list-style-type: none"> 1. Review Emans and Laufer Pediatric and Adolescent Gynecology (throughout year) 	NYD	Discuss with UBC PAG team or other	Dr. Deb Miller Dr. Nicole Todd Dr. F. Fraulins Dr. Rajakumar

Before You Start

Before you start your fellowship, please do the following:

1. Contact the outgoing PAG fellow
 - They will meet up with you and go through everything/answer any questions.
2. Please inform the Fellowship Director regarding known vacation requests
 - We want you to take your vacation and set aside time to be with friends and family. We are HUGE believers in balance- you won't be able to get as much out of this fellowship if you are burnt out or exhausted. We are very flexible so just tell us what you need! You have 4 wks of vacation and 1 wk reserved for conference leave.
3. Consider purchasing or borrowing relevant texts/resources
 - See resource section for recommended texts
 - Reach out to PAG team to see what you could borrow!
 - Many PAG articles, textbooks and resources are available in the clinic at ACH
4. Organize/schedule all of your relevant training sessions
 - Ie. Connect care, etc
5. Make sure all of your privileges/insurance have been finalized
 - CMPA- need to organize fellow coverage through CMPA (including independent practice)
 - CPSA- need to apply and successfully obtain CPSA
 - Calgary Privileges- please email katiane.ummels@albertahealthservices.ca if any concerns
 - Police check required for some licenses
 - Review PGME checklist
6. Read the "Fellow Expectations" of this document so you know what your role will be on the team!
7. Ensure you have housing and access to safe transportation
 - This fellowship will require you travel between 4 different hospitals in Calgary. Therefore, it is critical you have reliable transportation. Please reach out if you have any concerns or need help with this.

Fellowship Objectives



Professional:

- 1) Ensure professional dress code and conduct within the work environment.

Communicator:

- 1) Recognize when the values, biases, or perspectives of patients, physicians, or other health care professionals may have an impact on the quality of care, and modify the approach to the patient accordingly
- 2) Convey information about diagnosis and prognosis clearly and compassionately
- 3) Document clinical encounters to adequately convey findings, clinical reasoning and the rationale for decisions
- 4) Optimize the physical environment for patient comfort, dignity, privacy, engagement, and safety
- 5) Recognize when strong emotions (such as anger, fear, anxiety, or sadness) are impacting an interaction and respond appropriately
- 6) Use communication skills and strategies that help the patient and family make informed decisions regarding their health
- 7) Creation of a patient/parent handout on a topic commonly seen in PAG.

Collaborator:

- 1) Ensures that all patient care management plans are clearly documented and/or verbalized to the entire care team - including Administrative Staff, Nursing, Medical Staff, Consultants, Primary Care Staff Teams, and Allied Health Care Providers. This includes office patient management (need for pre-op assessment, investigation, OR bookings, consultation letters back to referring physicians), intra-operative management (ability to work with surgical nursing staff, assistants, aides), and post-operative patient care (OR notes, rounding notes, post-op care instructions)
- 2) Effective consultation with primary and specialist care practitioners within the community

- 3) Determine when care should be transferred to another physician or health care professional

Manager/Leader:

- 1) Demonstrate the ability to work collaboratively in a multitude of settings- office, hospital, and the operating room. The office setting will be used to evaluate the ability of the resident to interact closely with nursing staff to maintain the delivery of efficient and high quality health care
- 2) Triage emergency patients and waiting lists in addition to reviewing normal/abnormal test results
- 3) Employ new information technology to improve patient care. This will potentially include the use of the electronic medical record and immediate access to the internet for researching of topics and new information
- 4) Practice making decisions about allocating resources, which may affect the functioning of the practice and delivery of health care.
- 5) Set priorities and manage time to achieve balance in professional and personal life

Health Advocate:

- 1) Understand that in a universal health care system that resources are limited and that practicing evidence based medicine ensures that resources are being allocated appropriately (Consider costs when choosing care options).
- 2) Apply the principles of behavioral change during conversations with patients about adopting healthy behaviors

Scholar:

- 1) Attendance of regional rounds or tertiary-centre tele-linked rounds
- 2) Consistent logging of cases and procedures (in the form of a password protected document for technicity documentation)
- 3) Familiarity with current SOGC/NASPAG guidelines/relevant evidence-based literature of PAG topics.
- 4) Participation in a literature review of a common topic in PAG and submit for publication
- 5) Participation in an original research project and presentation at an international conference

Medical Expert (Knowledge)

- 1) Function independently as a consultant and clearly demonstrate an extensive level of requisite knowledge in all areas necessary to function as a specialist in Gynecology with an interest Pediatric and Adolescents (PAG)
- 2) Apply a broad base and depth of knowledge in clinical and biomedical sciences in reproductive endocrinology to manage patients with PAG and obstetrical presentations
- 3) Demonstrate the ability to perform a thorough patient evaluation and present a comprehensive assessment and recommendation in verbal and written form to the preceptor and ultimately back to the referring physician (Synthesize patient information to determine diagnosis)
- 4) Address the impact of the medical conditions on the patient's ability to pursue life goals and purposes

- 5) Use shared decision-making in the consent process, taking risk and uncertainty into consideration
- 6) Establish plans for ongoing care for the patient, taking into consideration her clinical state, circumstances, preferences, and actions, as well as available resources, best practices, and research evidence
- 7) Listen effectively to patients and parents concerns, develop rapport and establish trust with patients/families through continuity of care
- 8) Develop an understanding of the patient/parent's issues/problems and generate a coordinated plan of care (patient-centered management plan) that on occasion may involve the input of other medical professionals and considers all of the patient's health problems and context Provide compassionate, patient-centered care with regards to basic legal and ethical dilemmas encountered in a general GYN practice with an interest in PAG
- 9) Demonstrate insight with regards to limitations of scope of practice and surgical/medical expertise and where to seek extra help (Involvement in the North American Society of Pediatric and Adolescent Gynecology (NASPAG) or The Federation of International Gynecology for Infants/Juvenile (FIGIJ) is strongly encouraged)
- 10) Appropriate decision-making and management around transfers of care for gynecologic patient from community to tertiary care center for further assessment

Medical Expert (Procedural)

- 1) Exam Under Anesthesia/Vaginoplasty
- 2) Cystoscopy
- 3) Insertion and removal of an intrauterine contraceptive devices under anesthetic and in office
- 4) Ovarian Detorsion +/- ovarian pexy
- 5) Ovarian Cystectomy
- 6) Salpingophorectomy
- 7) Diagnostic Laparoscopy
- 8) Hymenorrhaphy
- 9) Hemi Hysterectomy – laparoscopic or open
- 10) Vaginoplasty – including dilatation, and surgical management with assistance

Fellowship Assessment

Assessment Measure	Description	Timing
Rotation ITER	<p>ITERS will be completed at the end of the fellows PAG Calgary blocks, Peds General Surgery block, Peds Urology block and PAG UBC Blocks.</p> <p>These ITERS should be reviewed with the fellow by the service providing them.</p> <p>Any performance deficiencies should be brought to the fellow at the mid-way point of the block or rotation.</p> <p>Performance will be reviewed by fellowship director at q 3 monthly meetings.</p>	At the end of each block or set of blocks
Presentations	<p>PAG fellows will do a large amount of teaching for peds gyne residents- summation of this will contribute to their final evaluation – try and make 10 caged talks on Bread and Butter topics to use in the future.</p> <p>PAG fellows will do a presentation on Peds General Surgery for the Peds Surgery department.</p> <p>Academic Half day for the OBGYN residents +/- assistance with PAG SIM</p>	<p>PAG presentations on Thursday at noon</p> <p>Peds gen surg TBD</p>
Logbooks	<p>PAG fellow will be asked to keep a basic logbook of their procedures completed during fellowship- see appendix A.</p> <p>This logbook will be reviewed at the mid-way point of fellowship and completion of fellowship.</p>	Complete throughout fellowship training
Research	<p>Peds Gyne fellow is expected to eventually present Research at an Accredited Conference (NASPAG Orlando Apr 4-6 2024).</p> <p>Peds Gyne fellow is expected to submit an original article for publication.</p>	Work on throughout fellowship and ideally continue scholarship pursuit post fellowship

Examinations	Peds Gyne fellow will be encouraged to complete the FIJG Pediatric and Adolescent Gynecology Fellowship exam (held twice per year at international FIGIJ Conferences).	Upon completion of fellowship
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Fellowship Expectations

The Peds Gyne fellow will have a number of things expected of them throughout their training. Ultimately, they will act as a point of consistency for all PAG attendings and will transform quickly into a leadership role at the Alberta Children’s Hospital PAG clinic and SHC PAG clinic.

The Peds Gyne fellow will be expected to do the following tasks:

- Clinic/OR Participation/Call
 - Field all PAG calls during PAG blocks Monday-Friday (8 am-5 pm)
 - Participate in all PAG Emergency ORs while on PAG rotations (ie. torsions, saddle injuries etc)
 - Participate in all PAG elective ORs while on PAG rotations (and if able to also while off-service)
- Teaching/Journal club
 - Fellow expected to cover a list of teaching topics throughout the year- this can be modified at their discretion.
 - **The fellow will have to create their own teaching schedule! Please do this in the beginning of the fellowship!**
 - **Fellow to organize q 2-3 month western Canada PAG journal clubs!** 😊 They are so awesome.
 - Consider using the PAG desk at ACH for research/learning when on research days.
- Triage and emergency liaison
 - **Triage ALL patients referred to PAG each week with Marci (nursing)**
 - Act as a resource for our PAG nurses during the week (8 am-5 pm)
- Rounding

- Round on PAG patients admitted to ACH and SHC (if applicable)
- Round on post-op general gynecology patients if appropriate (not always required)
- Clinic Organization
 - Keep track of complex PAG patients if possible
 - **Ensure all members of the PAG team are aware of the weekly referrals/emergency cases**
 - **This can be done with a weekly email or some other strategy if you have ideas for us to improve!** 😊

Teaching Expectations

As outlined above, the fellow is expected to organize and facilitate teaching for a number of PAG topics. These teaching sessions will occur Thursdays at noon (between PAG am and pm clinic). The target audience will be the PAG attendings and the residents on the Peds Gyne Rotation. They should take approximately 30 minutes. You could either create a presentation, use a previous one and modify it or review an article that is related to the topic and instigates discussion! 😊

The teaching topics are as follows:

- 1) Abnormal Vaginal Bleeding
- 2) Developmental Delay and Gyne Issues
- 3) Puberty
- 4) Delayed puberty
- 5) Precocious Puberty
- 6) Pediatric General Surgery
- 7) Amenorrhea
- 8) Adolescent Contraception
- 9) Abnormalities of the Reproductive Tract
- 10) Genital trauma/abuse
- 11) Teen Pregnancy
- 12) Adolescent Sexuality and Education
- 13) Pediatric Urology
- 14) STIs in adolescence
- 15) Dysmenorrhea and Pelvic Pain
- 16) PMS/PMDD
- 17) Ovarian Tumors
- 18) Other Gynecological Tumors in PAG
- 19) Fertility preservation
- 20) Gonadectomy

- 21) Vulvovaginal Problems/Vulvar dermatology
- 22) PCOS and Androgen Access
- 23) Ambiguous Genitalia
- 24) Care of the Gay/Lesbian/Bisexual and Queer Teen
- 25) Contraception

Please feel free to add/modify topics as you wish!

Fellowship Call

PAG call

- PAG call Monday-Friday 8 am- 5 pm during PAG rotations
- First call
- Some calls can be managed on phone with referral to clinic while some require you come in to see the patient
- Please review all calls with attending on call with you ASAP so they are aware
- You have the option of attending a surgery booked while on call after hours if desired but it is not an expectation.

SHC Call

- OBGYN generalist call- 2 per month approximately (the Gyne pager at SHC is covered by the inhouse OBGYN from 10pm until 8am)
- PAG team will provide orientation so you are aware of where to go/change etc
- Uses CPN for documentation of labour encounters- will review with you
- Limited resident coverage so you have the opportunity to solidify skills 😊
- **May not be able to be on call solo if out of country fellow- Dr. McQuillan will review with you!**
- Review billing for OB and gyne ORs with Dr. McQuillan (need 10 procedures as primary before can use SAQS code).

Peds Gen Surg Call

- Will occur during gen surg rotation (typically block 3) but ALSO during PAG blocks (2/month)
- 24 hour call- if on weekends the fellow rounds the whole weekend
- General surgery fellow will orient you to this during your general surgery block

Clinic Experiences

The Alberta Children's Hospital PAG clinic occurs every Thursday. The fellows' independent clinic begins on Thursday at 0830 and goes until 1200. We then have teaching from 1200-1300. The PAG attending clinic then goes from 1300 until typically 1630. The fellow is expected to do their independent clinic and join the attending clinic at 1300. Pediatric Gynecology clinic is located on the 3rd floor of the Alberta Children's Hospital. It is in the same location as the Pediatric Endocrinology clinic.

The South Health Campus PAG clinic occurs every other Monday afternoon. This may increase over time. This Adolescent Gynecology clinic is located on the 7th floor of the South Health Campus Hospital in the Pediatric Clinic Location.

During these clinics, there will be a combination of in person and virtual appointments (amount of each pending the COVID-19 global pandemic). All patients need to be reviewed with the attending in the clinic (either after the fellows independent clinic or in real time in the afternoon clinics). After review, all clinic notes are dictated using connect care.

As you know, what is required for clinic notes varies between rotation. Templates for our clinic notes will be provided to you along with this document.

Surgical Experiences

Pediatric and Adolescent Gynecology ORs occur 1-2x/month on Fridays. You are expected to attend all ORs on PAG rotations and if possible on off service rotations in Calgary. You are also expected to attend all ORs that are booked on the emergency slate during the weekday. These are great opportunities for you to work on your skills!

Remember for pediatric orders, weight is very important! Also remember that there is an order set for almost everything! Here are some of the most applicable ones for our service:

- Day Surgery Peds
- Pain Peds
- Common Antibiotics Peds
- Common IV Fluids Peds

Please keep a log of your surgical experiences in PAG for review at your mid-point and final review!

Conferences

We would love for you to attend conferences related to PAG that interest you. Please let the fellowship director know if there are any specific conferences that you would like to attend. Please also update the fellowship director if you have been approved to present at any conferences.

Fellows will have 5 days of conference time approved on top of their vacation time!

Some conferences to consider previously attended by our fellows:

- NASPAG
- SOGC
- Fertility Preservation and Late Reproductive Effects Conference
- Mercy Colorectal Center Conference
- ACH Pain Conference
- EuroPAG June 2024

Resources Available

Here are some suggested resources for you to considering using during fellowship:

- Texts/Guidelines
 - Emans and Laufer
 - Latest edition is the 7th edition
 - Excellent source of information regarding a variety of PAG topics
 - Te Linde
 - SOGC Guidelines applicable to PAG
- Check out our team Dropbox
 - Contains teaching presentations, interesting articles etc

Wellness

- Please ensure all your vacation is utilized throughout the program
- Calgary is 1.15h from Canmore which a jumping off point for hiking/camping
- Calgary has many great restaurants in Mission and along 17th Ave as well as fantastic coffee shops (Rosso's and Phil and Sebastian are work renowned)
- Calgary also has incredible exercise class opportunities including barre studios (Barre Body Studio which also offers many Virtual Options)

Contact Information

Fellowship Questions/Concerns

If you have any questions about fellowship in general, PAG topics or scheduling issues, please contact (Sarah.McQuillan@albertahealthservices.ca).

Alberta Children's Hospital

- Clinic phone tree for patients- 403-955-7003
- Direct PAG nurse line- 403-955-3246
- PAG nurse email- Marci.Rosin@albertahealthservices.ca

South Health Campus Hospital

- Women's Health Clinic patient line (Dr. McQuillan and Dr. Nelson clinic)- 403-956-2000
- Womens Health Clinic direct nursing line- 403-956-2025
- Labour and Delivery- 403-956-1176
- Adolescent clinic nurse line- 403-956- 2017

Foothills Medical Center Clinic

- Rose Abbott- RN for Dr. Brain clinic- 403-944-2666 or rose.abbott@ahs.ca
- FMC clinic patient line- 403-944-1680

Ombudsperson

- Rebecca Perry (Pediatric Endocrinology) – Rebecca.perry@albertahealthservices.ca

Looking forward to working with you 😊 We
hope you have an amazing experience!