



Queen's
UNIVERSITY

Obstetrics & Gynaecology

Postgraduate Training

S. Johnston, MD, FRCSC
Postgraduate Program Director

Residency @ Queen's

Overview

- program
- resident research
- department
- Kingston



OB/GYN Program

FIVE YEARS

- **3 residents / year**
 - 3 Canadian graduates
 - 0 international medical graduates
- **program = 15 residents**
- **department = 16 attending staff**



OB/GYN Program

BLOCK SYSTEM

- 13 four week block rotations
- change over every 4th Tuesday
- rationale:
 - no weekend change over
 - better orientation to new service for residents
 - better continuity of care for patients



OB/GYN Program

PGY - 1

- Junior Obstetrics 4 – 5 blocks
- Ob/Gyn Clinics 2 blocks
- Internal Medicine 2 blocks
- Emergency Medicine 1 block
- Anaesthesia 1 block
- Neonatology 1 block
- General Surgery 1 block



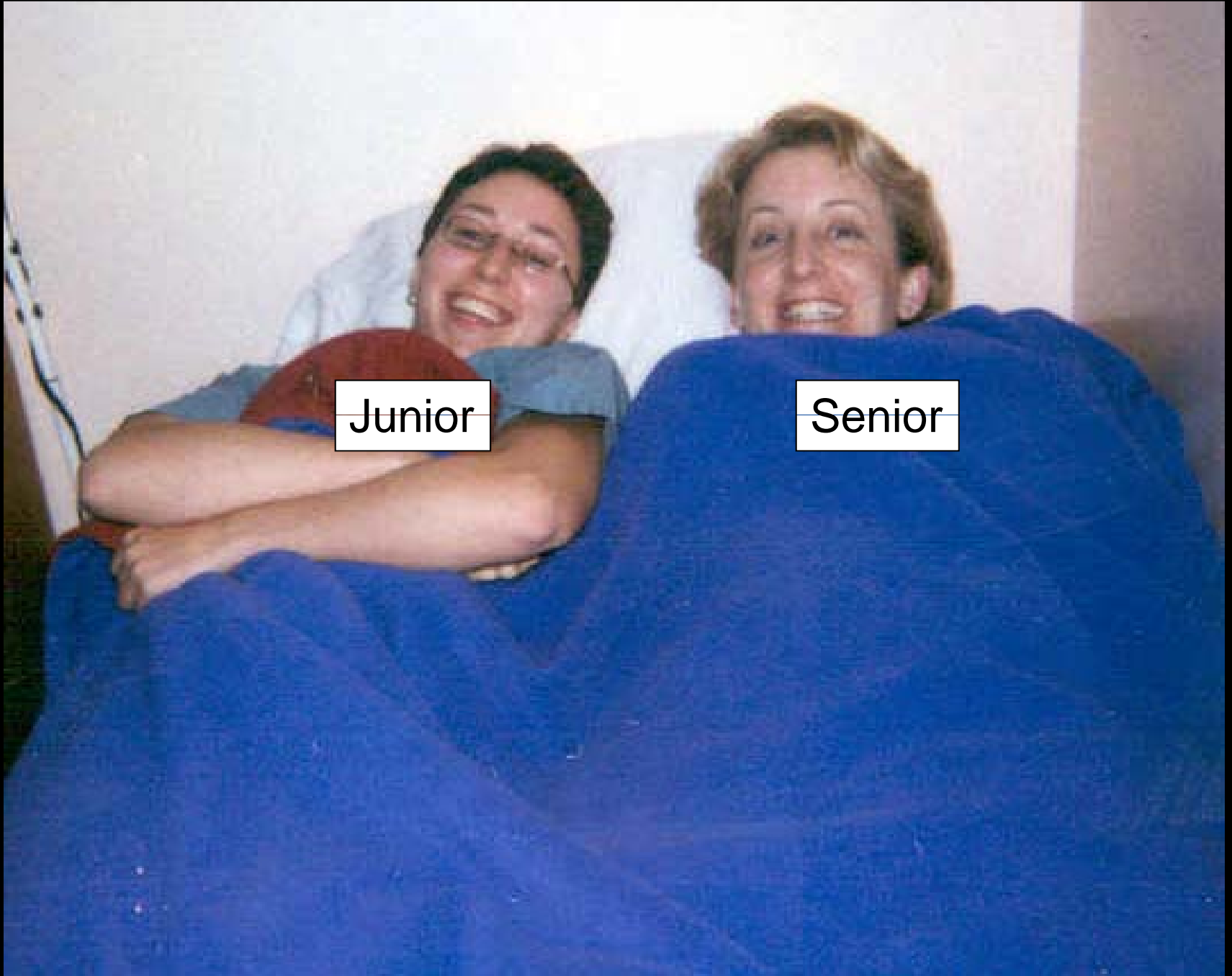
OB/GYN Program

PGY - 1

Junior Obstetrics

- paired with Senior OB Resident
- “buddy” call for rotation
- case room / ward experience
- weekly reading list
- expectation:
 - C-section as primary surgeon
 - volumes: 85 - 92 procedures





Junior

Senior

OB/GYN Program

PGY - 1

“Off-service” Rotations

- broad general but relevant experience
- LMCC II preparation

Ob/Gyn Clinic Rotation

- necessary early exposure to general OB/GYN



OB/GYN Program

PGY - 2

- **Junior Gynaecology** **4 – 5 blocks**
- **Junior Gyne Oncology** **3 blocks**
- **Research** **1 block**
- **Community Ob/Gyn** **2 blocks**
- **Selectives** **2 blocks**



OB/GYN Program

PGY - 2

Junior Gynaecology

- paired with Chief Resident
- ER triage experience
- operating room / ward experience
- expectation:
 - TAH & BSO as primary surgeon
 - volumes: 12 - 15 procedures



OB/GYN Program

PGY - 2

Junior Gyne Oncology

- paired with Senior Gyne Onc Resident
- operating room / ward experience
- **objective:**
 - relevant experience
(bowel & breast disease, surgical techniques)
 - critical care experience
 - learning of surgical principles



OB/GYN Program

PGY - 2

Community Ob/Gyn

- **Brockville**
 - 3 general consultants
 - Level I nursery
- **lodging provided**
- **objective:**
 - broad experience *outside* a teaching centre



OB/GYN Program

PGY - 2

Selectives

- **early flexibility**
- **opportunities for:**
 - experience in a subspecialty
 - experience outside OB/Gyn in Kingston
 - research collaboration



OB/GYN Program

Sample Electives

- Ob/Gyn Pathology
- Gyne ultrasound
- research (clinical or bench)
- endocrinology
- urology
- critical care
- *etc...*



OB/GYN Program

PGY - 3

- **REI** 4 – 5 blocks
- **Urogynaecology** 4 – 5 blocks
- **MFM** 4 – 5 blocks



OB/GYN Program

PGY - 3

“Subspecialty” Year

- intermediate-level exposure to subspecialty practice
- assigned reading lists
- long rotations
- no fellows
- career planning



OB/GYN Program

PGY - 4

- **Gynae Oncology** **4 – 5 blocks**
- **Senior Obstetrics** **4 – 5 blocks**
- **Community Ob/Gyn
or Electives** **4 – 5 blocks**



OB/GYN Program

PGY-4

Gynaecologic Oncology

- surgery + chemotherapy + radiotherapy + palliative care at one site
- teaching and mentoring role
- consolidated experience
- complicated inpatient care



OB/GYN Program

PGY-4

Senior Obstetrics

- consolidated OB experience at a senior level
- case room / ward
- teaching & mentoring
- administrative role



OB/GYN Program

PGY-4

Community OB/GYN

- broad general experience at a senior level outside an academic teaching centre
- exposure to practice management
- career planning



OB/GYN Program

PGY-4

Electives

- late flexibility
- opportunity for new or reinforced experience
- career or fellowship planning
- time to study ... exams!



OB/GYN Program

International Electives

- **opportunity for unique experience**
but ...
- **not encouraged because ...**
 - not part of the RC Goals & Objectives
 - no approved supervisor
 - personal safety issues
 - licensing and credentialing issues
 - no CMPA coverage outside Canada



OB/GYN Program

PGY - 5

- **Chief Gynecology** **4 – 5 blocks**
- **Ob/Gyn Clinics** **4 – 5 blocks**
- **Community Ob/Gyn
or Electives** **4 – 5 blocks**



OB/GYN Program

PGY-5

Senior (Chief) Gynaecology

- consolidated gynae experience at the most senior level
- teaching and mentoring role
- OR / ward/ ER + inpatient consults
- Chief Resident clinic
- administrative role



OB/GYN Program

PGY-5

Ob/Gyn Clinics

- consolidated general OB/GYN experience at most senior level
- practice and time management



The Program in Review ...

	July - Oct	Nov - Feb	March - June
PGY 1	Junior Ob (4)	Clinics (2) Neonatology (1) Anesthesia (1)	Internal Med (2) Emerg Med (1) Gen Surgery (1)
PGY 2	Junior Gyne (4)	Community (3) Selectives (2)	Jr Gyne Onc (3) Research (1)
PGY 3	MFM (4)	REI (5)	Urogynecology (4)
PGY 4	Senior Ob (4)	Sr. Gyne Onc (5)	Community (4)
PGY 5	Chief (4)	Clinics (5)	Electives (4)



Dr. Mehra

Dr. Bryson

Dr. Huber

Dr. Fraser

OB/GYN Program

Strengths

- solid general training in OB/Gyn
- broad subspecialty experience
- ample elective opportunities
- excellent research training / opportunity
- cohesive functional program with an excellent reputation & track record



OB/GYN Program

Strengths

- small size (staff = residents)
- individual attention
- close, personal relationships
- no clinical fellows
- no research fellows



OB/GYN Program

Strengths

Call

- **one resident + one staff, both in hospital**
- **consistent treatment approaches**
 - entire department functions as single OB group
 - Gynae Onc Division functions as single group
- **less weekend call in senior years**
- **“mole” call system**



Mole Call: PGY-III

	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
WEEK ONE							
WEEK TWO							
WEEK THREE		NIGHT	NIGHT	NIGHT	NIGHT		DAY
WEEK FOUR	NIGHT						
WEEK FIVE							
WEEK SIX		NIGHT	NIGHT	NIGHT	NIGHT		DAY
WEEK SEVEN	NIGHT					NIGHT	
WEEK EIGHT	DAY						
WEEK NINE							

Mole Call: PGY-IV (Senior OB)

	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
WEEK ONE							NIGHT
WEEK TWO							
WEEK THREE							
WEEK FOUR							
WEEK FIVE							
WEEK SIX							
WEEK SEVEN							
WEEK EIGHT							NIGHT
WEEK NINE							

OB/GYN Program

Strengths

Integrated one hospital site

- labour and delivery ward
- obstetric ultrasound unit
- urodynamics lab
- operating rooms
- inpatient wards
- clinics / cancer clinic
- attending staff offices



OB/GYN Program

Strengths

Regional Site Liaisons

- Brockville
- Belleville
- Peterborough
- Oshawa
- Moose Factory



Moose Factory



OB/GYN Program

Teaching

- Academic Half Day 3 hours/wk
- MFM Rounds 1 hour/wk
- REI Rounds 1 hour/wk
- Gynae Onc Rounds 1 hour/wk
- Ultrasound Rounds 1 / month

OB/GYN Program

Academic Half Day

- Grand Rounds 1 hour
- Core Teaching 1 hour
- Subspecialty Teaching or Simulation Lab 1 hour
- FULLY protected
- two year rotating curriculum



Academic Half Day

FULL resident coverage by willing staff members!



OB/GYN Program

Other Academic Activities

- Journal Club (once monthly)
 - visiting professors (4 per year)
 - JA Low Resident Research Day
 - Memorial Program
 - Endoscopy Training Course
 - Nightmares Course
 - Surgical Boot Camp
 - Simulation labs
- } new !!!



Annual Resident Retreat



A Possible Change ...

	July - Oct	Nov - Feb	March - June
PGY 1	Junior Ob (4)	Clinics (2) Neonatology (1) Anesthesia (1)	Internal Med (2) Emerg Med (2)
PGY 2	Junior Gyne (4)	Community (3) Selectives (2)	Jr Gyne Onc (3) Research (1)
PGY 3	MFM (4)	REI (5)	Urogynecology (4)
PGY 4	Senior Ob (4)	Sr. Gyne Onc (5)	?? OSHAWA (4)
PGY 5	Chief (4)	Clinics (5)	Electives (4)

OB/GYN Program

Conference Support

- annual allowance (\$2000)
- one national / international conference yearly



Research

Objectives in Residency

- to demonstrate critical thinking
- to critically interpret the literature
- to understand research methodology



Research

Goals in Residency

- “Introduction to Research” Course
- research question
- review article
- design of a research project
- implementation of a research project
- presentation of results
- manuscript for publication



Research

Is this achievable?

- **ACTIVE** research in all departments
- **clinical / basic science / lab research**
- **large grants**
- **departmental Research assistants**
- **PENet “headquarters”**



OB/GYN Program

Exam Preparation

- annual departmental OSCE
- annual CREOG exam (MCQE)
- APOG MCQE
- annual oral exam
- PGY-5: weekly practice oral exams from January - May



Queen's OB/GYN

Exam Performance

- **NO failures! (no pressure!)**

Career Path (1995 – 2008)

- fellowships 15 / 22
- community practice 11 / 22
- academic medicine 9 / 22



OB/GYN Program

Royal College Accreditation

- **status: FULL APPROVAL**
 - last review 2005
 - no weaknesses identified
 - “ ...one of the biggest strengths of postgraduate training at Queen’s University”



OB/GYN Department

Who are we?

- **eighteen members**
 - clinicians (16)
 - basic scientists (2)



Department Chief

- **Dr. Mike McGrath**



OB/GYN Department

General OB/GYN

- Dr. Julie Tessier
- Dr. Susan Chamberlain
- Dr. Peter O'Neill
- Dr. Richard Thomas
- Dr. Romy Nitsch
- Dr. Kristin Finkenseller



OB/GYN Department

Reproductive Endocrinology

- Dr. Robert Reid
- Dr. Mary Anne Jamieson
- Dr. Dean van Vugt (Physiology)
- Mr. Phil Hahn (Epidemiology)



OB/GYN Department

Maternal Fetal Medicine

- Dr. Michael McGrath
- Dr. Greg Davies
- Dr. Graeme Smith



OB/GYN Department

Urogynaecology

- Dr. Shawna Johnston
- Dr. Marie-Andrée Harvey



OB/GYN Department

Gynaecologic Oncology

- Dr. Peter Bryson
- Dr. John Jeffrey
- Dr. Julie Francis



Where to Find Out More ...

Kingston Information

- partner employment opportunities
- housing
- schools
- culture

www.cdoseo.com

<http://kedco.kingstoncanada.com/copyright.cfm>

Queen's OB/GYN

Why Choose Queen's?

- solid, individual training with broad exposure
- cohesive functional program with an excellent reputation and track record
- ample elective opportunity
- one hospital site
- excellent research training and opportunity



Queen's Ob/Gyn

Departmental Website

- <http://meds.queensu.ca/medicine/obgyn/>
- all residents and staff email addresses listed

Program Director

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