



SCHOOL OF  
MEDICINE  
DEPARTMENT OF FAMILY  
& COMMUNITY MEDICINE

## Maternal & Child Health Fellowship

Department of Family & Community Medicine  
University of New Mexico Health Sciences Center

### **OVERVIEW**

This two-year Maternal & Child Health fellowship was initiated in 2003 to train leaders in Family Medicine for rural or academic practice settings. The fellowship is offered in collaboration with UNM Ob/Gyn and Pediatrics Departments and includes advanced clinical training in maternity and newborn care. Fellowship graduates will be skilled in cesarean delivery, postpartum tubal ligation, newborn resuscitation and stabilization, operative vaginal delivery, medical and surgical abortion care (if desired), vasectomy (optional), first trimester obstetrical ultrasound, colposcopy, substance abuse treatment during pregnancy, and care of complicated obstetric patients. All fellows will receive a certificate in public health based on coursework and have the opportunity to complete an MPH concurrently with the MCH fellowship. Research training is available. MCH fellows participate in a core educational series that reviews current literature on important issues in maternal and newborn care. The fellowship director, Larry Leeman, MD, MPH, has completed an FP OB fellowship, as has Sarah Gopman, MD and Nicole Yonke, MD, MPH. Together with UNM Ob/Gyn faculty, Drs. Leeman, Gopman, and Yonke train the fellows in operative obstetrics.

### **MODEL OF FAMILY-CENTERED MATERNITY CARE**

Our innovative, shared care model includes care for women receiving prenatal care with affiliated family physicians in rural areas, Native American communities, First Nations Healthsource (an urban Indian clinic), and First Choice Community Healthcare (a local network of federally qualified community health centers). Several attendings in these community clinics take call with our university faculty on the MCH service

### **MCH SERVICE**

Our Department has its own Maternal & Child Health service that cares for pregnant women and their babies in a model of family-centered maternity care. Family medicine faculty are the attending physicians on all births on the service, which is run by the family medicine residents. We had 750 births during the past academic year and will continue to support efforts to grow in collaboration with our community partners.

### **FACULTY**

We have fifteen UNM Family Medicine faculty who include maternity care in their practices and provide role models for the incorporation of maternity care at university and community-based practices. This is an energetic group of faculty committed to prenatal and delivery care; several of them have been active in maternal and child healthcare for over 15 years. Family Medicine faculty are the attending physicians in the University Hospital Newborn Nursery for 50% of the year and in the Level Two Intermediate Care Nursery for 40% of the year. Several of our FM MCH faculty have rural maternity care experience.



## **BLOCK ROTATIONS (2-4 WEEK BLOCKS DURING THE FIRST YEAR OF FELLOWSHIP) - *General Learning Objectives***

- 1) Maternal and Child Health: Become familiar with management of routine and complicated labor and care of the maternal-infant dyad on our service. Function as chief resident and then co-attending role on the service.
- 2) Maternal and Fetal Medicine: Function as a team member on the inpatient service and in the clinic, managing pregnancies complicated by preterm labor, abnormal placentation, twins, pre-gestational and gestational diabetes, epilepsy, and other medical problems.
- 3) Newborn Nursery: Care for term neonates ( $\geq 36$  weeks) in the Mother Baby Unit.
- 4) Intermediate Care Nursery: Care for Level 2 newborns, including those affected by prematurity (34-35 weeks), growth restriction, hypoglycemia, jaundice, neonatal abstinence syndrome, and neonatal infections under supervision of attending physicians in neonatology, general pediatrics, and family medicine.
- 5) Neonatology: Night shifts in the neonatal intensive care unit, including focus on routine and advanced neonatal resuscitation, initial fluid management and ventilator settings. Some experience in neonatal intubation.

## **LONGITUDINAL EXPERIENCES - *General Learning Objectives***

- 1) Labor and Delivery Management: Cover the ob/gyn labor and delivery service a half day a week with MFM fellows and obstetrical attendings. Operative delivery experience.
- 2) Gynecologic Procedures: Acquire knowledge and technical skills in colposcopy, first trimester ultrasound, medical and surgical abortion (may “opt out”), and management of spontaneous abortion. Training in uterine aspiration or D&C occurs in inpatient and outpatient settings at the Center for Reproductive Health, a collaboration between Family Medicine and Ob/Gyn, and at Planned Parenthood.
- 3) Ultrasound: Develop a working knowledge, including basic biometry and anatomy, of ultrasound throughout pregnancy. Emphasis during this time is on second and third trimester exams. Training at the UNM Family Medicine Center for first Trimester ultrasounds and New Mexico Sonographics for all trimesters.
- 4) Research: Participation in a research project, including application for approval through Human Research Review Committee. The project may be implemented over the course of the fellowship, with the goal of publication.
- 5) Milagro: Provide prenatal care for women with a history of substance abuse including medication assisted treatment with buprenorphine. Care for newborns exposed to opioids in utero and provide treatment for neonatal abstinence syndrome.

## **HOSPITAL SERVICE ATTENDING**

- 1) Maternal and Child Health—Attending for all Family Medicine patients in OB Triage, L&D, our antepartum unit, and the Mother-Baby Unit. Supervise family medicine residents.
- 2) Newborn Nursery—Attending for all non-MCH infants in the Mother Baby Unit, supervising pediatric and family medicine interns.
- 3) Intermediate Care Nursery—Attending for Level 2 newborns supervising family medicine and pediatric residents.



### SAMPLE CLINIC SCHEDULE

		<b>Fellow 1</b>
Mon	AM	Westside MCH Clinic or Center for Reproductive Health
	PM	Westside MCH Clinic
Tues	AM	Milagro
	PM	Family Medicine Clinic Precepting
Wed	AM	Family Practice Center Fellow Clinic <sup>1</sup>
	PM	Milagro Clinic
Thurs	AM	Los Lunas MCH Clinic <sup>2</sup>
	PM	Los Lunas MCH Clinic
Fri	AM	Northeast Heights MCH Clinic
	PM	Run L&D Board <sup>3</sup>

If two fellows are scheduled for outpatient weeks, the clinic coverage will be shared by the two fellows. The fellow not in clinic will have time scheduled for public health classes, research, ultrasound, or reproductive health training.

Fellows take primary call at night for the MCH service two or three times per month. Fellows share back-up coverage for the service and offer consultative services to the primary MCH attending. Fellows are called during this back-up time to consult on complicated patients in L&D and Obstetrical Triage. If a C-section post-partum tubal ligations D&C, vacuum assisted delivery, or complicated perineal repair is needed, the fellow on back-up will perform these procedures with the supervision of the MCH Fellowship Faculty.

<sup>1</sup> Referral-based clinic for management of patients w/ pregnancy complications, including twins, chronic HTN, diabetes, etc.

<sup>2</sup> 50% Spanish-speaking patient population, 35 minutes south of Albuquerque.

<sup>3</sup> Work with OB attendings while OB residents attend didactics.

## **BENEFITS**

- Salary: \$60,000/1<sup>st</sup> year;\$63,000 2<sup>nd</sup> year
- Educational funding: \$3000/year
- Vacation: 3 weeks/year
- CME leave: 1 week/year
- Sick leave
- Liability insurance
- Health insurance



## **LIVING IN NEW MEXICO**

New Mexico, the Land of Enchantment, has much to offer people who chose to live and work here. It is a beautiful, geographically large (5th largest) and sparsely populated (6th lowest) state. NM is a “minority majority” state with 42% of its population Hispanic, 10% Native American, and 2% African American. Thirty of NM’s 33 counties are federally designated Health Professions Shortage Areas or Medically Underserved Areas.



Albuquerque offers easy access to hiking, exploring and winter sports. Within a day's drive are Albuquerque Old Town, Carlsbad Caverns, Chaco Canyon, Madrid, Native American Pueblos, National Forests, Sandia Peak Tramway, Santa Fe, Taos, and White Sands. Local events include the Albuquerque International Balloon Fiesta and the Gathering of Nations Powwow. The Albuquerque International Balloon Fiesta, held annually in October, is the world's largest gathering of hot air balloons. It is the most photographed event in the world. The Gathering of Nations Powwow, held annually in April, brings together the best of Native American dancers, singers and drummers.