

# Maternal Child & Reproductive Health Fellowship

## OVERVIEW

This two-year Maternal, Child & Reproductive Health (MCH) fellowship was initiated in 2003 to train leaders in Family Medicine for rural and academic practice settings. The fellowship is offered in collaboration with UNM Obstetrics and Gynecology (OB/GYN) and Pediatrics departments and includes advanced clinical training in pregnancy, postpartum and newborn care.

Fellowship graduates will be skilled in cesarean delivery, postpartum tubal ligation, care of newborns in the level two Intermediate Care Nursery, vacuum assisted vaginal delivery, medical and surgical abortion care (if desired), first trimester obstetrical ultrasound, substance use disorder 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 take additional courses towards a Masters of Public Health that could be finished after the completion of fellowship.

Research training is available. MCH fellows participate in a core educational series that reviews current literature on important issues in pregnancy, postpartum and newborn care.

The fellowship is directed by Sevy Gurule, MD with the support of fellowship founder Larry Leeman, MD MPH. Drs. Sandra Rosenfeld-O'Tool, Jessi Goldstein and Miguel Gonzales are all fellowship trained and serve as core faculty to train the MCH fellows in operative and high-risk obstetrics in collaboration with UNM OB/GYN faculty.

## MCH SERVICE

The Family Medicine Department runs the inpatient Maternal and Child Health service that cares for pregnant and postpartum patients 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. The MCH service supports 600-700 births yearly in support of our community partners.

## MODEL OF FAMILY CENTERED MATERNITY CARE

Our innovative, shared care model includes care for women and gestational parents receiving prenatal care with affiliated family physicians in rural areas, Native American communities, First Nations Health source (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. The MCH service also provides consultative and back-up services for community births (birth center and home births).

## FACULTY

About ten UNM affiliated family physician faculty include prenatal, postpartum and newborn care in their practices and serve as role models in family-centered maternity care at university and community-based practices. The faculty are committed to prenatal patients and their families with several faculty providing maternal and child healthcare for over 15 years. Our 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, sharing this care with pediatricians and neonatologists. Several of our faculty also have rural health care experience.

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THE UNIVERSITY OF NEW MEXICO SCHOOL OF MEDICINE DEPARTMENT OF FAMILY & COMMUNITY MEDICINE

## BLOCK ROTATIONS (2-4 WEEK BLOCKS)

### General Learning Objectives

- 1. Maternal and Child Health:** Become familiar with management of routine and complicated labor and care of the maternal/gestational parent-infant dyad on our service. Function as chief resident and then serve as co-attending 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 (>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.

## LONGITUDINAL EXPERIENCES

### General Learning Objectives

- 1. Labor and Delivery Management:** Cover the OB/GYN labor and delivery service a half day a week with Maternal-Fetal Medicine (MFM) fellows and OB/GYN attendings. Operative delivery experience.
- 2. Gynecologic Procedures:** Acquire knowledge and technical skills in first trimester ultrasound, medical and surgical abortion (may "opt out"), and management of spontaneous abortion. Training in uterine aspiration or dilation and curettage occurs in inpatient and outpatient settings at Planned Parenthood and the Center for Reproductive Health (a collaborative center staffed by Family Medicine and OB/GYN physicians). Elective training in colposcopy can be arranged.
- 3. Ultrasound:** Develop a working knowledge of ultrasound, including basic fetal biometry and anatomy. Emphasis during this time is on second and third trimester exams. Train at the UNM Family Medicine Center for first trimester ultrasounds and New Mexico Sonographics for all trimesters.
- 4. Research:** Participation in a research; educational, community project, including application for approval through Human Research Review Committee. The project maybe implemented over the course of the fellowship, with the goal of publication
- 5. Milagro:** Provide prenatal care for patients with a history of substance use disorder 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:** Serve as attending physician for family medicine patients in OB Triage, L&D, our antepartum unit, and the Mother Baby Unit. Supervise family medicine residents.
- 2. Newborn Nursery:** Serve as attending physician for all non-MCH infants in the Mother Baby Unit, supervising pediatric and family medicine interns.
- 3. Intermediate Care Nursery:** Serve as attending for Level 2 newborns, supervising family medicine and pediatric residents.

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## SAMPLE CLINIC SCHEDULE

Mon	AM	Center for Reproductive Health
	PM	Public Health/Academic/Elective Time
Tues	AM	Varies
	PM	Precept Family Medicine Residents at North Valley Clinic
Wed	AM	Family Medicine Center Fellow Clinic*
	PM	Milagro Clinic
Thurs	AM	Los Lunas MCH Clinic**
	PM	Los Lunas MCH Clinic
Fri	AM	Run L&D Board***
	PM	Public Health/Academic/Elective Time

\*Referral-based clinic for management of patients w/pregnancy complications, including twins, chronic HTN, diabetes, etc.

\*\*50% Spanish-speaking patient population, 35 minutes south of Albuquerque.

\*\*\*Work with OB/GYN Attendings while OB/GYN residents attend didactics.

If two fellows are scheduled for out patient 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, postpartum tubal ligation, 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.

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## BENEFITS

**Salary:** \$62,000 Year 1 | \$65,000 Year 2 • **Educational Funding:** \$3000 per year  
**Paid Vacation:** 3 weeks per year • **Paid CME Leave:** 1 week per year • **Paid Sick Leave**  
**Liability Insurance** • **Health Insurance**

## LIVING IN NEW MEXICO - THE "LAND OF ENCHANTMENT"

New Mexico has much to offer. It is a beautiful, geographically large and sparsely populated state with a diverse and dynamic multicultural population. A "minority majority" state, 46% of New Mexico's population identify as Hispanic, 10% Native American, and 2% African American.

New Mexico is also a place where you can make a powerful and positive impact. 30 of New Mexico's 33 counties are federally-designated Health Professions Shortage Areas or Medically Underserved Areas.

Albuquerque averages 310 days of sunshine a year and 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 Tram, 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.

