



**FELLOWSHIP PROGRAM**

**IN**

**PEDIATRIC AND ADOLESCENT**

**GYNECOLOGY**

**Director: Jennifer Dietrich, M.D.**

**DEPARTMENT OF OBSTETRICS AND GYNECOLOGY**

**Interim Chair: Dale Brown Jr., M.D.**

**Baylor College of Medicine**  
**Houston, Texas**

**July 1, 2010 - June 30, 2011**



## **Fellowship Program in Pediatric and Adolescent Gynecology**

### **General Information**

**Program Director: Jennifer E. Dietrich, M.D., MSC**

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Professor and Interim Chair

FELLOWSHIP PROGRAM IN PEDIATRIC AND ADOLESCENT  
GYNECOLOGY

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## SUMMARY

This fellowship program is conducted under the aegis of Baylor College of Medicine, the fulcrum of the Texas Medical Center (map, page 4, full description at [www.tmc.edu](http://www.tmc.edu) ). The Texas Medical Center consists of 100 permanent buildings and 42 member institutions engaging in not-for-profit patient care, education, and research. This medical care and research center is the largest in the United States, with Baylor College of Medicine itself ranking in the top ten in NIH funding. All hospitals, patient care offices, administration buildings, and research laboratories are within a four city block area. Key Baylor College of Medicine personnel involved in the fellowship training are in the Division of Pediatric and Adolescent Gynecology.

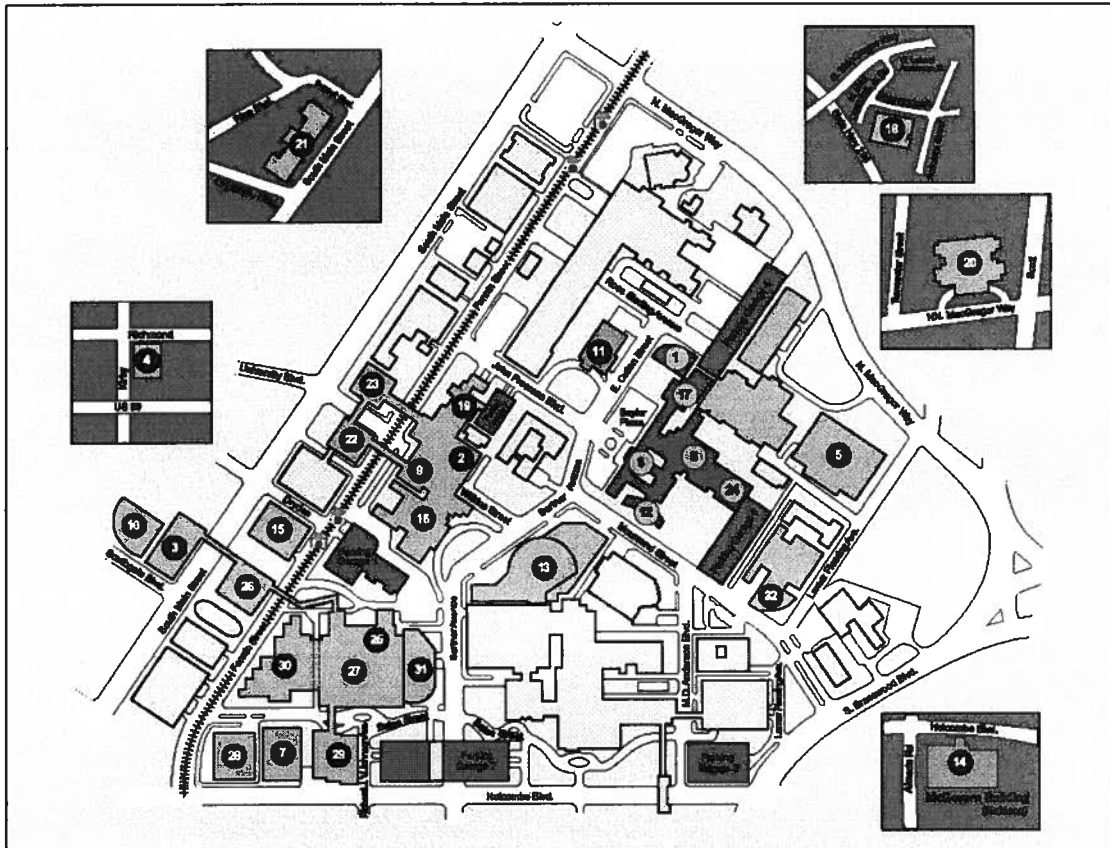
The goal of the program is to teach fellows the necessary clinical, surgical and academic skills to become excellent physicians in the field of Pediatric and Adolescent Gynecology. This goal is accomplished through providing the highest quality patient care, educating houses staff and medical students about the specialty, and engaging in pertinent academic training and research.

The fellowship is completed over the course of two years, offering participants a balance of clinical training and research. Fellows may work with NIH-funded investigators to pursue clinical and basic research involving pediatric and adolescent gynecology. In their clinical activities, fellows care for patients in a variety of outpatient clinics and manage gynecology-related surgical and medical admissions to The Texas Children's Hospital.

Each year, the Division Director outlines a program of didactic training incorporated into seminars and lectures. Formal course work at Baylor College of Medicine in statistics and fundamentals of clinical research are available and strongly recommended. Fellows can also pursue a Masters of Public Health or a Masters of Clinical Research through a variety of programs offered at the Texas Medical Center.

To be considered for a Fellowship position, you must be eligible for a Full Texas Medical License, pass all three steps of the USMLE and pass the Texas Medical Jurisprudence Exam (JP Exam).

For a complete explanation of the Texas Medical Board licensure rules, please visit <http://www.tmb.state.tx.us/rules/rules/bdrules.php>



- |  |   |
|--|---|
| 1. Alkek Building (BCM)                            | 17. Michael E. DeBakey Center for Biomedical Education & Research |
| 2. Alkek Tower                                     | 18. Michael E. DeBakey High School for Health Professions         |
| 3. Baylor Clinic                                   | 19. Neurosensory Center   |
| 4. Baylor Family Medicine Center                   | 20. Quentin Mease Community Hospital                              |
| 5. Ben Taub General Hospital                       | 21. Rice University   |
| 6. Ben Taub Research Center                        | 22. Scurlock Tower  |
| 7. Children's Nutrition Research Center            | 23. Smith Tower   |
| 8. Cullen Building (BCM)                           | 24. Smith Research Wing   |
| 9. Dunn Tower                                      | 25. St. Luke's Episcopal Hospital<br>Texas Heart Institute        |
| 10. Houston Medical Center                         | 26. St. Luke's Medical Towers                                     |
| 11. Jesse H. Jones Building<br>(HAM - TMC Library) | 27. Texas Children's Hospital                                     |
| 12. Jewish Institute for Medical Research          | 28. Texas Children's Hospital Clinical<br>Care Center             |
| 13. John P. McGovern Commons                       | 29. Feigin Center   |
| 14. McGovern Campus (Nabisco)                      | 30. Texas Children's Hospital West Tower                          |
| 15. Medical Towers                                 | 31. Texas Heart Institute, Denton A. Cooley Building              |
| 16. Methodist Hospital                             | 32. Texas Institute for Rehabilitation & Research                 |

## **FACULTY**

**Program Director: Jennifer E. Dietrich, M.D.**

### **Texas Children's Hospital Gynecology Faculty:**

Matthew Anderson, MD  
Damla Dryden, MD  
Creighton L. Edwards, MD  
Geri Lynn Fromm, MD  
Mark J. Gottesman, MD  
Michael J. Heard, MD  
Denise Nebgen, MD  
Terri B. Pustilnik, MD  
Barry Siller, MD  
Ronald L. Young, MD  
Robert Zurawin, MD

### **Current Fellows in Pediatric and Adolescent Gynecology:**

Judith Sanchez (2<sup>nd</sup> Year Fellow)  
Jennifer Bercaw (1<sup>st</sup> Year Fellow)

### **Ancillary Specialty Faculty at Texas Children's Hospital:**

Stuart Goldstein, MD, Department of Pediatric  
John Kirkland, MD, Department of Pediatric  
Amy Middleman, MD, Department of Adolescent Medicine  
David Poplack, MD, Department of Hematology/Oncology  
Mary Brandt, MD, Department of Pediatric Surgery  
Dave Wesson, MD, Department of Pediatric Surgery  
Michael Heard, MD, Private REI  
Alexksandar Rajkovic, MD, Genetics  
Ignatia Van Den Veyver, MD, Genetics  
Lefkothea Karaviti, MD, Peds Endocrine  
Amy Middleman, MD, Adol Medicine  
Albert Hergenroeder, MD, Adol Medicine  
Donald Mahoney, MD, Peditractic Heme  
Mark Gilger, MD, Peds Gastroenterology  
Edmond Gonzales, Jr. MD, Peds Urology  
Denise Metry, MD, Peds Dermatology  
Reid Sutton, MD, Peds Genetics  
Peggy Smith, Ph.D., Teen Clinic  
Mariam Chacko, MD, Adol Medicine

## **FACILITIES**

### **1. Clinical Facilities**

#### **a. Baylor Obstetrics and Gynecology Affiliated Hospitals**

The Department of Obstetrics and Gynecology, with twenty-five M.D. faculty and seven Ph.D. faculty, sees patients in five of the hospitals of the Texas Medical Center, but the Pediatric and Adolescent Gynecology Service primarily staffs two large hospitals in the Texas Medical Center.

Ben Taub General Hospital is the Texas Medical Center's public hospital and is a landmark county public facility with approximately 5,700 deliveries and 400 gynecologic admissions last year. The pediatric and adolescent gynecology service consults on surgical patients at this facility.

#### **b. Primary Hospital/Facility**

Texas Children's Hospital is an internationally recognized full-care pediatric hospital and is the home of the Pediatric and Adolescent Gynecology Service. One of the largest pediatric hospitals in the United States with 715 beds, Texas Children's Hospital is dedicated to providing the finest possible pediatric patient care, education and research. Texas Children's is nationally ranked in the top four among children's hospitals by both *Child magazine* and *U.S. News & World Report*. The hospital's award-winning medical staff consists of more than 1,580 board-certified, primary-care physicians, pediatric subspecialists, pediatric surgical subspecialists and dentists. In addition, Texas Children's offers a dedicated, highly skilled nursing and support staff of more than 6,000. For more information on this hospital, please refer to [www.texaschildrenshospital.org](http://www.texaschildrenshospital.org).

### **1. Pediatric and Gynecology Clinic**

The pediatric and adolescent gynecology outpatient clinic is situated on the 11<sup>th</sup> floor of the Clinical Care Center building of Texas Children's Hospital (see map building 28). This facility opened in November 2002 and represents the latest design in outpatient care. All medical records are electronic allowing web access from any location for improved patient care and the clinic is sufficiently equipped with specialized pediatric gynecological equipment as well as the nursing and ancillary staff to accommodate the volume and variety of patients seen.

### **2. Surgical Facilities**

Texas Children's Hospital has two operating suites. The main operating suite located in the West Tower (building 30 on the map) houses 12 state-of-the-art operating rooms that are functional 24 hours a day. In addition, the Clinical Care

Center houses another ambulatory operating suite with 8 ORs. Both allow our service the flexibility to operate on patients whenever necessary.

**3. Fellows Offices**

The fellows have 10 x 15 foot-office spaces with computer equipment, word processing, Medline, and desks for work and study. This facility is located on the 11<sup>h</sup> floor of the Faculty Center Building within Baylor College of Medicine.

**4. Library**

The Jesse H. Jones Library is located in the Texas Medical Center, less than a five-minute walk from the department. This comprehensive library has thousands of volumes carrying all clinical journals in pediatrics as well as obstetrics and gynecology. The 40,000-foot facility has an inter-library loan program and free computer text search. The library is self-supporting, sponsored by the Texas Medical Center and the Texas Academy of Science. Fellows have access to all online facilities of the library including services such as UpToDate, MedConsult, and eMedicine.



## **FELLOWSHIP REQUIREMENTS**

### **1. Pediatric and Adolescent Gynecology Clinic**

This serves as the primary outpatient clinic where fellows and staff see patients two days a week. The clinic sees the full spectrum of conditions in pediatric and adolescent gynecology, from the treatment of ovarian cysts, to management of menstrual disorders in patients with chronic illness, precocious puberty, endometriosis, polycystic ovarian syndrome and congenital anomalies requiring surgery. The fellows have the opportunity to follow these patients from the first clinic visit to the operating room as well as post-operatively. The fellows and staff also work closely with many other departments to provide the best integrated care for the patients.

### **2. Department of Adolescent Medicine**

For 12 months of their fellowship, fellows spend one afternoon a week in the Adolescent medicine clinic under the supervision of Dr. Amy Middleman. These adolescent patients are evaluated for various pathologies, including dysfunctional uterine bleeding, depression, behavioral problems and eating disorders. Also, patients undergo contraceptive counseling, well-woman exams and other preventative medical interventions in this clinic.

### **3. Department of Pediatric Endocrinology**

Fellows spend one afternoon a week with the pediatric endocrinology service under the direction of Dr. John Kirkland. In the Pediatric Endocrine Clinic, two-to-three new patients and 5-6 return patients are evaluated. These patients present with diseases such as secondary amenorrhea, disorders of growth, adrenal disease, and pubertal abnormalities.

### **4. Clinical Assessment Center**

The clinical assessment center is a referral center for sexual assault victims at Texas Children's Hospital. Beginning in 2005, fellows will begin working in this clinic one half day a week for 12 months of their fellowship. This will allow fellows to consult on various genital traumas as well as learn the intricacies of patient care associated with sexual assault and victimization.

### **5. RESEARCH**

Multiple opportunities exist for research at Texas Children's Hospital. Each fellow is required to complete at least one research project during their tenure as a fellow at Baylor College of Medicine.

Fellows can pursue clinical trials under the supervision of Dr. Dietrich and other PAG faculty. There are also many other investigators within Texas Children's Hospital that are excited to work with our division. In the past, fellows have collaborated with several departments within the hospital on research projects. Some of these have included adolescent medicine, nephrology, hematology/oncology and pediatric surgery.

## REQUIRED COURSES

1. **Introduction to Biometry #1610\*:** Designed for students with little or no previous course work in mathematics or statistics. Topics include study design, data description, elements of probability, distribution of random variables, applications of the binomial and normal distributions, estimation and confidence intervals, hypothesis testing, contingency tables, regression, and analysis of variance. Additional topics include introduction to statistical computing and data management, distribution, free statistical methods, demographic measures, and life tables.
2. **Introduction to Research\*:** This course runs daily throughout July of each year. Fellows are taught medical statistics, disease etiology, computer science, and medical writing. Lectures are given on the use of human subjects, animal research, and full consent of confidentiality.

**\*\*\*Additional Course Learning:** Basic didactic learning in statistics and research are encouraged with the classes noted above. Fellows can choose to pursue a Masters in Public Health or a Masters in Clinical Research, both offered through the University of Texas. Others have chosen to involve themselves in the *Clinical Scientist Training Program*. This is a 1 or 2 year program teaching fellows all aspects of research and grant writing as well as biostatistics. (For more information on this program, please see: <http://www.bcm.edu/cstp/>). **These programs do require applications that may be due prior to the fellowship start date.**

3. **Didactic Lectures and Conferences:** During the monthly Pediatric and Adolescent gynecology service meeting, patients are discussed from presentation to management and teaching pearls evoked. Fellows also meet with Dr. Zurawin on a weekly basis for informal teaching sessions. Additionally, fellows are encouraged to participate in Department of Obstetrics and Gynecology educational activities, such as Grand Rounds, journal clubs, as well as other selected educational opportunities at Texas Children's Hospital. Fellows are also involved in several resident and student education forums as instructors. These include weekly sessions teaching the residents and medical students about various aspects of pediatric and adolescent gynecology as well as lectures to other departments in Texas Children's Hospital on selected topics in the field. Additionally, fellows are integrally involved in assisting one resident prepare the monthly pediatric and adolescent gynecology lecture given at Ben Taub Hospital.
4. **Call:** Week long Texas Children's Hospital service call occurs approximately every four weeks during the fellowship. Each fellow is required to take faculty-level general OB/GYN Night Call in our major resident teaching hospital once per month. This activity, in general, involves less than five percent time of the fellowship.

## **Living in Houston**

Founded in 1836, Houston is now the fourth largest city in the nation. Nearly two million people live within its city limits. The eight-county metropolitan statistical area totals 4.4 million. Three million reside in Harris County alone, the third largest county in the nation. Long known for its energy industry, Houston continues to diversify into the rapidly growing areas of science, technology, space and medicine, fields well-suited to complement the city's petro-chemical, finance, retailing, engineering and construction industries. Houston-based Continental Airlines offers more than 475 departures a day from Bush Intercontinental.

Metropolitan transit Authority's (METRO'S) Light Rail project was completed in 2004. The rail line connects Downtown with the Texas Medical Center and Reliant Park area. The renowned Texas Medical Center consists of 42 non-profit institutions on 675 acres and is the largest medical center in the world. The Texas Medical Center has an estimated economic impact of \$10.5 billion a year on the Houston's economy. The Port of Houston, a \$15-billion petro-chemical complex, is a major U.S. gateway for international trade and ranks number one in the nation in foreign tonnage and second in total tonnage.

The average maximum temperature in the Houston area in the winter is 64° F, summer maximum temperature is 92° F, spring maximum temperature is 78° F, and the fall maximum temperature is 81F.

A thriving performing arts center has developed here. The Houston Grand Opera is the nation's fifth largest opera company. Classical and contemporary works are performed by the Houston Ballet, a company of international stature. The Houston Symphony Orchestra, the first arts organization in the city, performs throughout the year. These institutions that enliven Houston's downtown area are located in the Gus S. Wortham Theater and the Jesse J. Jones Hall for the Performing Arts. Jones Hall is also home to Theater Under the Stars, the largest civic light opera in America in terms of budget, activity, and attendance. The 130,000 square foot Bayou Place Entertainment Complex is home to the Broadway Series of first-run theater, the Angelika Movie Theaters, where foreign films are showcased, and a host of restaurants.

Also downtown are the nationally-recognized Tony-Award winning Alley Theater performances. Special events are featured in the George R. Brown Convention Center.

Houston's Museum District is home to 11 institutions. Art patrons can enjoy exhibits at The Museum of Fine Arts, the Contemporary Arts Museum and the Menil Collection. More art, music and dramatic events are staged at other museums and theaters, including the Miller Outdoor Theater close to the Texas Medical Center. Events are also featured at the city's 25 colleges and universities, which include the University of Houston, Rice University, and Texas Southern University.

Individuals interested in science and astronomy can visit the Houston Museum of Natural Science, the Burke Baker Planetarium and the IMAX Theater which are located a few blocks north of the Medical Center. Houston's NASA and Johnson Space Center trains all of America's astronauts and coordinates development and design work for the Space Shuttle and International Space Station.

Visitors and residents alike enjoy weekend outings at Herman Park's 50-acre zoo and the 265-acre Aline McAshan Arboretum and Botanical Gardens in Memorial Park. Houston offers more than 37,000 acres of park land within its nearly 500 parks. Houstonians also look forward to seasonal events such as the Houston Livestock Show and Rodeo and the Houston International Festival, a springtime celebration of the visual and performing arts.

The Houston Astros baseball team plays home games at Minute Maid Park. The Toyota Center, which seats more than 17,000, is the new home of the Houston Rockets Basketball team. Reliant Park is the new home for the Houston TEXANS football team, and opened in the fall of 2002. Special events such as concerts, circuses, and ice-skating shows are held in these arenas.

Suitable for outdoor activities year-round, Houston is located 50 miles from the beaches of Galveston Island and 30 minutes from Clear Lake, a 2000-acre water playground for boating enthusiasts. The colorful cluster of restaurants, shops, and boat slips at the Kemah Boardwalk lies just 40 minutes from Houston. Just north of the city, The Woodlands and Lakes Conroe and Livingston offer miles of forests and bodies of water, including the new Woodlands Waterway. The greater Houston area offers more than 175 public and private golf courses.

**APPLICATION**  
**BAYLOR COLLEGE OF MEDICINE**  
Pediatric and Adolescent Gynecology Fellowship

Fellowship beginning: **July 1, 2010**

Name: Last      First      Middle	Present Address:	
Telephone (Home):	Telephone (Hospital or School):	Permanent Address:
Social Security Number:	Name and Address of Someone Always Able to Contact You:	
Birthdate (MO/DAY/YEAR):	Do you have any physical, surgical, or psychiatric condition that might influence your participation in the program? (If so, please describe.):	

**EDUCATION (including address for all institutions):**

<b>HIGH SCHOOL</b>		From:	To:	Diploma (circle one): Yes      No
<b>COLLEGE</b>		From:	To:	Degree:
		From:	To:	Degree:
<b>MEDICAL SCHOOL</b>	Name:	From:	To:	Degree:
	Address:			
	Name:	From:	To:	Degree:
	Address:			

"If a graduate of a foreign medical school, have you obtained certification from the Education Commission for Foreign Medical Graduates? \_\_\_\_ Indicate exams passed: ECFMG \_\_\_\_; Visa Qualifying Examination (VQE) \_\_\_\_; Foreign Medical Graduate Exam in the Medical Sciences (FMGEMS) \_\_\_\_\_. Please enclose notarized copies of your exam results and your ECFMG certificate, as well as a notarized translation of your medical training records and diploma."

<b>I N T E R N S H I P</b>		From:	To:	Type:
	Hospital:	City & State:		
		From:	To:	Type:
	Hospital:	City & State:		
<b>R E S I D E N C Y</b>		From:	To:	Type:
	Hospital:	City & State:		
		From:	To:	Type:
	Hospital:	City & State:		
		From:	To:	Type:
	Hospital:	City & State:		
<b>GRAD SCHOOL</b>		From:	To:	Field:
	Major Advisor:	Thesis Title:		

Membership in honorary or professional societies, prizes, awards, fellowships, etc.:

TEACHING EXPERIENCE	Rank:	Department:	Institution:	Dates:		
MEDICAL LICENSE	State:	Date:	How Obtained (examination, reciprocity):			
	Are you a diplomat of the National Board of Medical Examiners (U.S.)? (circle one) Yes No		Date of Certification:			
MILITARY SERVICE	Rank:	Branch:	Arm of Service:	Dates:		
	Do you have any future military obligations?					
AMERICAN BOARD EXAMINATIONS			AMERICAN BOARD EXAMINATIONS			
Written:	Applied:	Taken:	Passed:	Year:	Percent Correct:	Percentile:
Oral:	Applied:	Taken:	Passed:	Year:	Percent Correct:	Percentile:

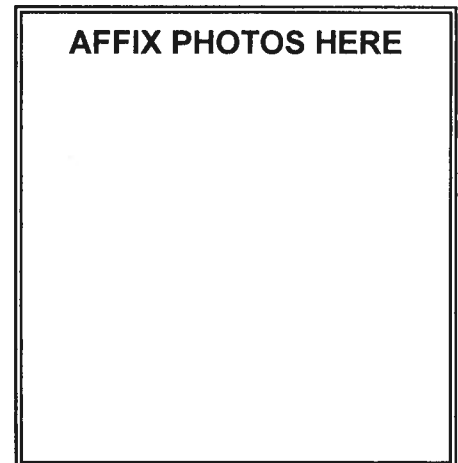
Areas of special clinical or basic research interest:

ATTACHMENTS: CV and two 2" x 2" black-and-white photos.

REFERENCES: Please list three (3) references. One (1) should be your program director, and two (2) should be physicians who can render an evaluation of your professional and academic activities. The letters should be sent directly to:

Jennifer E. Dietrich, M.D.  
 Assistant Professor of Obstetrics and Gynecology  
 Division of Pediatric & Adolescent Gynecology  
 Department of Ob/Gyn  
 Baylor Clinic  
 6620 Main, Suite 1100  
 Houston, Texas 77030

LICENSURE: TEXAS LICENSURE IS REQUIRED NO LATER THAN JUNE 1, OF THE FIRST YEAR OF FELLOWSHIP.



Program Director:	Address:
Other Reference:	Address:
Other Reference:	Address:

I certify that to the best of my knowledge, the above information is accurate and correct.

Signature: \_\_\_\_\_

Date: \_\_\_\_\_