

# KATRINA L. PARKER (BOLAR), MD, FAAP

## EDUCATION

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June 1983 Wayne State University School of Medicine, Detroit, MI  
Doctorate of Medicine

June 1982 Wayne State University, Detroit, MI  
Post Baccalaureate Program

Mar 1978 Michigan State University, East Lansing, MI  
Bachelor of Science

## POSTGRADUATE TRAINING

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June 1990 University of Pittsburgh, Pittsburgh, PA  
Children's Hospital of Pittsburgh  
Pediatric Endocrinology Fellowship

June 1987 Wayne State University Affiliated Hospitals, Detroit, MI  
Children's Hospital of Michigan  
Pediatric Internship & Residency

June 1984 Wayne State University Affiliated Hospitals, Detroit, MI  
Internal Medicine Internship

## MEDICAL LICENSURE

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2019 Licensed in Florida  
2003 Licensed in Texas  
2002 Licensed in Georgia  
1990 Licensed in Alabama

## CERTIFICATIONS

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1999 – 2006 American Board of Pediatrics – Pediatric Endocrinology  
Initial Certification  
2007 – 2013 Renewal

2013 – 2015	MOC Certification
1989 – 1996	American Board of Pediatrics – General Pediatrics Initial Certification Renewal (1997 – 2004 and 2004 – 2010)
2010 – 2021	MOC Certification Sub-Specialty Boards
2019 -2020	Advanced Cardiac Life Support

## PROFESSIONAL DEVELOPMENT

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Jan-May 2011	Physicians Executive Training Program Emory University, Atlanta, GA
Dec 2011	AAMC Mid-Career Women Faculty Professional Development Seminar Washington, D.C.
Sept 2017	Royal College of Physicians and Surgeons Simulation Educator Training Ottawa, ON

## CORE SKILLS AND COMPETENCIES

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- Time Management
- Clinical Medicine
- Instructional Design
- Communication and Coordination
- Multitasking and Organization
- Research and Development
- Conflict Resolution
- Clinical Presentations
- Curriculum Development

## FACULTY APPOINTMENTS

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2015 – Present **Ross University School of Medicine, St. Michaels, Barbados, West Indies**  
**Clinical Associate Professor**

Co-director of Endocrine Module 1 & 2 - responsible for the daily administration of the Endocrine Module. Facilitated content integration with interdepartmental clinical cases and generation of integrated exam items for formative and summative assessments; conducted review of student comments from Module Evaluations and prepared/submitted a comprehensive module report to the Basic Sciences Evaluation Committee.

Vice-Chair of the Faculty Senate Steering Committee - assisted the Chair to perform his duties and organized elections for faculty senate representatives from the Basic and Clinical Sciences Faculty.

Faculty Chair of the Diversity, Equity, and Inclusion Subcommittee of the Curriculum Committee - serves as a liaison between student organizations and the curriculum committee. Assisted with the development of the charge of the work group

Co-Chair for the search committee for Associate Dean of the Diversity, Equity & Inclusion Office -

Developed and delivered didactic content in systems-based practice, quality improvement and learning communities. Developed and delivered didactic content in the endocrine system (disorders of the hypothalamus and pituitary gland, thyroid and adrenal gland, metabolic syndrome, and obesity).

Faculty member of various university committees: Curriculum, Grievance, Student Promotions and Basic Science Evaluation.

Facilitated Problem Based Learning in the following: small group learning in physical exam skills; interview techniques (basic, enhanced, and advanced standardized patient interviews); simulation using Harvey, Airway and SIM Man 3G Advanced Patient Simulator.

Formal mentoring meetings of medical students during their Basic Science/preclinical years - wellness, academic success, remediation, mentor Clinical Skills Facilitators during the application process to residency program/review portfolios, personal statements, and mock interviewing; Peer mentoring (Instructor, Assistant Professor, Associate Professor and Professor).

Faculty Advisor to various student organizations and interest groups including Endocrinology, Organizations for African Students, and White Coats for Black Lives.

2009 – 2015

**Morehouse School of Medicine, Atlanta, GA**  
**Associate Professor of Pediatrics, Series II**

Delivered clinical care in pediatric endocrinology in both the ambulatory and inpatient settings with a focus on the treatment of common endocrine disorders affecting infants, children, and adolescents.

Course Director for pediatric residency endocrine rotation - conducted educational conferences, orientated students for the course, reviewed performance evaluations and made the necessary changes for the clinical rotations.

Faculty mentor for pediatric residents including remediation and conducting mock interview for jobs and fellowship programs

Chairperson of the Georgia Newborn Screening and Genetics Advisory Committee. Responsible for overseeing the meetings of the ad hoc workgroup which reported to the Georgia Department of Health.

Nile Pediatric Conference/Ethiopian Medical Mission Trip - delivered lectures and diabetes workshops for pediatricians, nurses, and medical students from Black Lion Hospital.

Clinical Endocrinologist for Camp Kudzu serving children and adolescents with Type 1 diabetes mellitus.

Physician on the Medical Committee at the Olivet Church of Christ in Fayetteville, GA - organizing community health fairs, lectures to the lay community, writing the medical column in the church newsletter.

2003 – 2009

**University of Texas Medical Branch (UTMB), Galveston, TX**

2005 – 2009

**Clinical Associate Professor of Pediatrics**

2005 – 2009

**Director of Pediatric Endocrinology**

**Director of the Pediatric Out-Patient Infusion Clinics**

Performed administrative duties for the endocrine division including completing faculty evaluations, monthly division meetings.

Member of the UTMB School of Medicine Admission Committed, Minority Academic Fellowship Advisory Committee, Search Committee for the Department of Pediatrics and for the Chief of Adult Endocrinology Fellowship program, Medical Staff Executive Committee and Student Honors and Awards Committee.

Developed and delivered didactic content in disorders of the endocrine system (puberty, growth, diabetes management, Turners Syndrome).

Medical Advisor for the Texas Diabetes Council and Starks Diabetes Center Community Outreach Program.

Medical student advisor and tutor and Pediatric Resident Advisor.

Faculty facilitator for Integrated Curriculum Evaluation Exercise and Objective Structured Clinical Exam

Dissertation Committee member for Postdoctoral Nursing Student.

Faculty Preceptor for visiting professor from Ain Shams University in Egypt and for Certified Registered Nurse Practitioner.

Co-Chairperson for Genentech, Inc. 25th Annual National Cooperative Growth Study Meeting (NCGS).

**University of Alabama at Birmingham (UAB), Birmingham, AL**

1990 – 2003

**Clinical Associate Professor of Pediatrics**

1998 – 1999

**Co-Director and Interim Director of Pediatric Endocrinology**

1990 – 2003

**Director of the Turners Syndrome Clinic**

Delivered clinical care in pediatric endocrinology in the ambulatory and outpatient settings with a focus on the treatment of common endocrine disorders affecting infants, children, and adolescents.

Developed a monthly multidisciplinary clinic for patients with Turner's Syndrome and their families.

Developed and delivered didactic content in systems-based practice, quality improvement and learning communities for the endocrine system.

Supervised pediatric residents and adult endocrine fellows in the outpatient and inpatient setting in the management of endocrine patients.

Served as a member of the Alabama Academy of Pediatrics Newborn Screening Committee and Genetics Committee. Recommendations were made regarding the implementation of screening for Congenital Adrenal Hyperplasia.

Pediatric Endocrine Society of the South Advisory Committee - planned the regional meeting for the pediatric endocrinologist.

Pediatric Endocrine Advisory for Pfizer, Inc. and Genentech, Inc. - provided recommendations regarding the annual meetings and reviewed the NCGS data for peer review publication submission.

## HOSPITAL APPOINTMENTS

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2012 – 2015

Columbus Regional Healthcare System, Columbus, GA  
Staff Membership

2009-2015	Children's Healthcare of Atlanta Staff Membership
2003-2009	University of Texas Medical Branch/Children's Hospital Staff Membership
1995 – 2003	Baptist Medical Center, Montgomery, AL Courtesy Staff- Consulting
1990 - 2003	University of Alabama at Birmingham/Children's Hospital of Alabama Staff Membership

## RESEARCH EXPERIENCE

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2013	Efficacy and Safety of Liraglutide in Combination with Metformin Versus Metformin Monotherapy on Glycemic Control in Children and Adolescents with Type 2 Diabetes
1997 – 2001	A Phase III Multicenter, Open-Label Study of the Safety and Efficacy of Prolease HGH Administered in Children with Growth Failure Due to Growth Hormone Deficiency
1997 – 1999	Clinical Utility of Growth Hormone Binding Protein, Measurements in the Evaluation of Children with Short Stature
1993 – 2000	National Cooperative Somatropin Surveillance (NCSS) of Nutropin AQ® and Nutropin AQ® Replacement Therapy in Adults with Growth Hormone Deficiency
1993 – 1996	Usage of Lupron Depot® and Growth Hormone in Chronic Renal Insufficiency and Renal Transplantation to Halt Pubertal Progression and Improve Final Height
1991 – 1995	Use of HGH (Protropin) as a Treatment for Children with Bronchopulmonary Dysplasia

## PROFESSIONAL AFFILIATIONS

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1989	American Academy of Pediatrics (AAP) Member
1992	Pediatric Endocrine Society (Member)
1996	American Association of Clinical Endocrinologists (AACE) Member
1996	American Diabetes Association Member
1996	Endocrine Society Member
2010	Georgia Chapter of AAP Member
2004 – 2005	Pediatric Endocrine Society Finance and Audit Committee

## HONORS AND AWARDS

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2007 and 2008	Top Doctors for Kids, Houston Texas Magazine
2001/2007/2009	Best Doctors in America
Mar 2000 – Feb 2003	American Diabetes Association and National Committee for Quality Assurance, Provider Recognition Program, Certificate of Recognition
	Youth Forum Consultant in Medicine

## GRANT SUPPORT

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1997 - 2001	Pharmacia and Upjohn Company, Clinical Study Award; Minimum \$10,000.00 (\$75.00 per patient)
1996 - 2001	Pharmacia and Upjohn Company - KIGS; \$12,104.00
1994 - 2001	Genentech Pharmaceutical Company - NCGS Clinical Study Award; \$40,000.00 a year (\$75.00 per patient)
1993 - 1994	Genentech M0380; \$30,000.00
1991 - 1992	Tap Pharmaceutical, Inc. - Clinical Study Award; \$21,280.00
1991 - 1992	UAB - Comprehensive Minority Faculty Development Program Subcommittee; \$5,000.00
1990 - 2009	Genentech Pharmaceutical Company - Clinical Study Award; \$5,000.00
	Genentech NCGS; \$107,775.00

## SELECT INVITED REGIONAL, NATIONAL, AND INTERNATIONAL LECTURES/PRESENTATIONS

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Feb 22, 2014	Pubertal Disorders in the Developmentally Disabled Child Human Growth Foundation Education Day Columbus, GA
Nov 15, 2013	Intersex Disorders: An Overview of the American Academy of Pediatrics Department of Pediatric Endocrinology Ridgeland, MS
Mar 18, 2012	Update on Diabetes Pediatric Conference by the Nile Hilton Addis Addis Ababa, Ethiopia
Oct 29, 2010	Treating Adolescent Obesity and CV Risk Consortium for Southeastern Hypertension Control (COSEHC) 17th Annual Education Meeting, Charleston, SC
Aug 7, 2010	The Highs and Lows of Type 1 Diabetes Victory Over Diabetes Sponsored by the American Diabetes Assoc. Georgia International Convention Center, Atlanta, GA
Jun 20, 2009	Precocious Puberty -Insights in Management The 58th Annual Pediatric Review & Update Moody Gardens, Galveston, TX
May 14, 2009	What an Adult Endocrinologist Needs to Know About Pediatric Endocrinology AACE 18th Annual Meeting & Clinical Congress George R. Brown Convention Center, Houston, TX

- Sep 28, 2007 Treatment Dilemmas: A Case of Osteoporosis  
PESTOLA 2007, San Antonio, TX
- Sep 14, 2007 New Developments in Diabetic Care - 2007 Update  
Galveston Convention Center, Galveston, TX
- Mar 2, 2007 Overall NCGS Safety Experience in Turner Syndrome  
27th Annual National Cooperative Growth Study Meeting  
Los Angeles, CA
- Feb 27, 2007 Transitioning Patients to Adult Care  
Pediatric Endocrinologist, Little Rock, AR
- Oct 20, 2016 Medullary Thyroid Carcinoma  
Pediatric Grand Rounds Children's Hospital, Galveston, TX
- Sep 16, 2006 New Diabetes in Diabetes Care  
Diabetes in Pediatric Populations-Policy Issues  
The Galveston Island Convention Center, Galveston, TX
- Mar 7, 2006 Metabolic Syndrome Update  
Starks Diabetes Center, Galveston, TX
- Feb 17, 2006 Metabolic Syndrome Update  
Matagorda General Hospital, Bay City, TX
- Jan 12, 2006 Idiopathic Short Stature and Small for Gestational Age  
Physician Care Conference, Houston, TX

## **PUBLICATIONS**

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### **EDUCATIONAL MATERIALS**

Parker KL. Essential of Endocrinology. Core Concepts of Pediatrics (as an on-line resource). Kalia A, Rowen J, Niebuhr V. (Eds.) Department of Pediatrics, University of Texas Medical Branch. Galveston, TX. Copyright 2008–2010.

Vanderbilt School of Nursing CD Course in Pediatric Endocrinology for Advanced Practice Nurses 2006.

### **JOURNAL ARTICLES**

Ye J, Mack D, Fry-Johnson Y, Parker K. Health Care Access and Utilization Among US- Born and Foreign-born Asian Americans: *J Immigrant Minority Health*. 14(5):731-737, 2012;

Wyatt D, Parker KL, Kemp SF, Chiang J, Davis A. The Evaluation and Follow-Up of Children Referred to Pediatric Endocrinologist for Short Stature: *Int J of PediatrEndol*. 2010; 2010:652013.

Bell J, Parker KL, Hoffman AR, Swinford RD, Lippe B. Long-Term Safety of Recombinant Human Growth Hormone in Children: *J ClinEndocrinolMetab* 95: (1):167-177, 2010.

Bolar KP, Hoffman AR, Maneatis T, Lippie B. Long-Term Safety of Recombinant Human Growth Hormone in Turner Syndrome: *J ClinEndocrinolMetab* 93:344-351, 2008.

Parker KL, Wyatt DT, Blethen SL, Baptista J, Price L. Screening Girls with Turner Syndrome: The National Cooperative Growth Study Experience: *J Pediatr* 143:133-135; 2003.

Parker KL, Hunold JJ, Blethen SL. Septo-Optic Dysplasia/Optic Nerve Hypoplasia: Data from the National Cooperative Growth Study Experience: *JPEM* 15: 697-700: 2002.

Wingo KR, Parker KL, Young DW. Familial Pheochromocytoma: *PediatrAdoles Med* 1994; 148: 605-606.

Hedlund GL, Royal SA, Parker KL. Disorders of Puberty: A Practical Imaging Approach. *Seminars in CT, Ultrasound and MRI* 1994; 15(1):49-77.

Parker KL. Congenital Adrenal Hyperplasia Screening in Alabama, *The Scope* 1994;2(3):6-7.

Parker KL. Congenital Adrenal Hyperplasia Screening in Alabama. *The Alabama Pediatrician* 1994; 13:10-11. Benfield MR, Parker KL, Waldo FB, Overstreet SL, Kohaut ED. Growth Hormone in the Treatment of Growth Failure in Children After Renal Transplantation. *Transplantation* 1993; 55(2):305-308.

Benfield MR, Parker KL, Waldo FB, Overstreet SL, Kohaut EC. Growth Hormone in the Treatment of Growth Failure in Children After Renal Transplantation, *Kid Int* 1993; 44(43):62-64.

Parker KL, Baens-Bailon RG, Lee PA. Depot Leuprolide Acetate Dosage for Sexual Precocity. *J ClinEndocrinolMetab* 1991; 73 (2):50-53.

Parker KL, Lee PA. Depot LHRH Analogue Treatment of Precocious Puberty. *J ClinEndocrinolMetab* 1989; 69(3): 689-691.

## **BOOK**

Parker, KL. *Teen's Guide to Living with Diabetes*. Facts on File, Inc. New York, New York; Checkmark Books 2008.

## **BOOK CHAPTERS**

Parker, KL. *Diabetes in Childhood, Hospitals, and Doctors Guide* 1:2000.

Parker KL, Lee PA. "Treatment of Girls with Central Precocious Puberty with Depot GnRH Analogue Therapy." (Eds T M Plant & P A Lee), pp. 297-302, *Journal of Endocrinology LTD*, Bristol, 1995. *The Neurobiology of Puberty*.

## **AUDIO-VISUAL MATERIAL**

Webcast Series on Growth Hormone Deficiency; Concerns about GHD, Testing, and Diagnosis of GHD and Treatment and Transitioning. [www.magicfoundation.org](http://www.magicfoundation.org) 2002-current.

## **POSTERS**

National/International Meetings

Bolar KP. The Safety of Recombinant Human Growth Hormone (rhGH) in Turner Syndrome (TS): Long-Term Data from the National Cooperative Growth Study (NCGS). *ESPE/LWPES 7th Joint Meeting Pediatric Endocrinology*. September 21-24, 2005. Lyon, France.

Bell JJ, Bolar K, Swinford RD, Hoffman AR, Maneatis T, Lippe B. Long-Term Safety of Recombinant Human Growth Hormone (rhGH): The National Cooperative Growth Study (NCGS) Experience. *87th Annual Endocrine Society Meeting*. June 4-7, 2005 San Diego, CA.



Parker K, Wyatt D, Blethen S, Baptista J. Physical Characteristics of American Girls with Turner Syndrome (TS): The National Cooperative Growth Study (NCGS) Experience. 82nd Annual Endocrine Society Meeting, June 21-24, 2000, Toronto Canada.

Wyatt D, Parker K, Blethen S, Baptista J. Screening Rates for Cardiac and Renal Malformations and Hearing Loss IN 640 Children with Turner Syndrome. 5th International Turner Symposium March 23-25, 2000 Naples, Italy.

Parker KL, Lee PA. Increased Stature after GnRH Analogue Therapy for Central Precocious Puberty. The American Pediatric Society: The Society for Pediatric Research, 1995.

Lee PA, Parker, KL. Growth and Resumption of Pubertal Maturation after GnRH Analogue (Leuprolide Acetate) Treatment to Delay Puberty: Normal Spermatogenesis and Menses but Not Uncertain Statural Retrieval. *Pediatr Res*; 1990; 27:83.

Parker KL, Lee PA. Dosage of Depot Leuprolide for the Treatment of Central Sexual Precocity. The 42nd Annual Meeting of the Endocrine Society, 1990.

Parker KL, Baens RB, Lee PA. Growth Hormone and Gonadotropin Releasing Hormone Analogue Therapy in Patients with GH Deficiency and Precocious Puberty. Genentech National Cooperative Growth Study, Symposium V, 1990.

Lee PA, Parker KL. The Wish to be Taller: Common Even Among the Tall. *Hormone Research* 1989.

Lee PA, Parker KL, Finegold DN. The Leuprolide Study Group: Indices of Suppression of Central Sexual Precocity Using the LHRH Analogue, Leuprolide Acetate. 3rd Joint Meeting of the ESPE/LWPES, 1989.

Lee, PA, Parker KL. Long-acting vs. Daily Subcutaneous Treatment of Precocious Puberty with the GNRH analogue (Leuprolide Acetate). 3rd International Conference on the Control of the Onset of Puberty, Amsterdam, The Netherlands, 1989.

## REFERENCES

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