

# CURRICULUM VITAE

## **Catherine S. Mao, M.D.**

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### **Education:**

B.A. 1986 Rice University, Houston, TX  
M.D. 1991 Baylor College of Medicine, Houston, TX

### **Internship and Residency:**

6/91-6/94 Pediatrics Internship and Residency Childrens Hospital of Los Angeles,  
Los Angeles, California

### **Fellowship and Research Training:**

7/94-6/97 Pediatric Endocrinology; Harbor-UCLA Medical Center; Torrance, California National Institutes of Health Trainee with Jo Anne Brasel, M.D.  
Research training with W.N. Paul Lee, M.D., Harbor-UCLA Medical Center, in the use of stable isotopes to study glucose metabolism in vivo.  
Research training with Eli Ipp, M.D., Harbor-UCLA Medical Center, in the use of plasma insulin oscillations to evaluate pancreatic beta cell dysfunction.

### **Academic Positions:**

7/94-6/98 Clinical Instructor of Pediatrics, Division of Pediatric Endocrinology, Harbor-UCLA Medical Center, Torrance, California.  
7/98-6/05 Assistant Professor of Pediatrics, Division of Pediatric Endocrinology, Harbor-UCLA Medical Center, Torrance, California.  
7/2002- Data Safety Monitor for the General Clinical Research Center, Harbor-UCLA Medical Center and the Los Angeles Biomedical Research Institute, Torrance, California.  
7/2005- Associate Professor of Pediatrics, Division of Pediatric Endocrinology, Harbor-UCLA Medical Center, Torrance, California.

### **Board Qualifications and Medical Licenses:**

|  |           |                    |                 |
|--|-----------|--------------------|-----------------|
| American Board of Pediatrics               | 053985    | October 12, 1994   |                 |
|  |           | Recertified 3/2003 | expiration 2009 |
| Texas Medical License                      | J2182     | 1992               |                 |
| California Medical License                 | A51970    | June 1, 1993       |                 |
| DEA  | BM3763554 | January 30, 1993   |                 |
| Pediatric Endocrinology Subspecialty Board | 000830    | August 9, 1999     |                 |

### **Awards, Honors and Grants:**

College: President's Honor Roll; Premed Society (Sec., Pres.); Freshman Advisor; EBLS (Literary Society); Phi Lambda Epsilon (Chemistry Honor Society).  
1986-1988 Tour Guide/School Representative: Baylor Public Affairs with special visits to surrounding schools for lectures, career days, and science fairs (Student coordinator during the 2nd year).  
1991 JMA scholarship to attend the Annual Drug and Alcohol Abuse Seminar in Austin, TX.  
1994-1997 National Institutes of Health Training Grant in Pediatric Endocrinology, Harbor-UCLA Medical Center.

**Awards, Honors and Grants (continued):**

- 1995 Recipient, Endocrine Fellows Foundation Grant.
- 1996 Recipient, Travel Award to attend the Western Society for Pediatric Research Annual Meetings.
- 1996 Recipient, Eli Lilly Fellowship Training Research Support Grant.
- 1997 Recipient, Travel Award to attend the Western Society for Pediatric Research Annual Meetings.
- 1997-2000 NIH, NCRR, GCRC Branch, Clinical Associate Physician Award.
- 1997 Richard E. Weitzman Memorial Endocrine Fellows Research Award, Harbor-UCLA Medical Center.
- 2000 Recipient, Travel Award to attend the Association for Patient-Oriented Research Annual Meetings.
- 2000-2002 NIH, NCRR, GCRC Branch, Clinical Associate Physician Supplement Award.
- 2002 Excellence in Clinical Research Award, Harbor-UCLA General Clinical Research Center.

**Membership and Society:**

- Member of the Western Society for Pediatric Research (WSPR)
- Member of the Lawson Wilkins Pediatric Endocrine Society (LWPES)
- Member of the American Diabetes Association
- Member of the Endocrine Society (Ethics Committee 2006)

**Publications:** (Peer Reviewed)

1. Mao CS, Riegelhuth ME, Van Gundy D, Cortez C, Melendez S, Ipp E. An overnight insulin infusion algorithm provides a.m. normoglycemia and can be used to predict insulin requirements in NIDDM. *J Clin Endocrinol Metab* 82:2466-2470, 1997.
2. Mao CS, Berman N, Roberts K, Ipp E. Glucose entrainment of high frequency plasma insulin oscillations in control and type 2 diabetic subjects. *Diabetes* 48(4):714-21, 1999.
3. Mao, C.S., Bassilian, S., Lim, S.K. and W.N.P. Lee. Underestimation of gluconeogenesis by the U-<sup>13</sup>C<sub>6</sub>-glucose method: Effect of lack of isotope equilibrium. *Am J Physiol Endocrinol Metab* 282:E376–E385, 2002.
4. Bassilian, S., Ahmed, S., Lim, S.K., Boros, L.G., Mao, C.S., and W.N.P. Lee. Loss of regulation of lipogenesis in the Zucker diabetic rat, II: Changes in stearate and oleate synthesis. *Am J Physiol Endocrinol Metab* 282:E507-E513, 2002.
5. Mao CS, Berman N, Ipp E. Loss of entrainment of high frequency plasma insulin oscillations in type 2 diabetes is a glucose-specific beta cell defect. *Am J Physiol Endocrinol Metab*. 287:E50-4, 2004. Epub 2004 Mar 02.
6. Swan SH, KM Main, F Liu, SL Stewart, RL Kruse, AM Calafat, CS Mao, JB Redmon, CL Ternand, S Sullivan, JL Teague, and the Study for Future Families Research Team. Decrease in Anogenital Distance Among Male Infants with Prenatal Phthalate Exposure. *Environ Health Perspect*. 113:1056-61, 2005. Epub 2005 June 1.
7. Yee JK, Lim S, Mao CS, Sugano S, Rehan VK, Xiao G, WNP Lee. “Compartmentalization of Stearoyl-CoA Desaturase Enzyme-1 in HepG2 Cells.” Compartmentalization of stearoyl-coenzyme A desaturase 1 activity in HepG2 cells. *J Lipid Res*. 49:2124-34, 2008. Epub 2008 Jul 3

**Other Publications:**

1. Yee JK, Mao CS. Short stature: a case report of primary hypothyroidism and low stimulated growth hormone response.” *Endo Trends*, 13(4):1, 3-4, 2006.
2. Arbuckle TE, Hauser R, Swan SH, Mao CS, Longnecker MP, Main KM, Whyatt RM, Mendola PM, Legrand M, Rovet J, Till C, Wade M, Jarrell, J, Matthews S, Van Vliet G, Bornehag CG, Mieuisset R. Meeting report: measuring endocrine-sensitive endpoints within the first years of life. *Environ Health Perspect*. 116:948-51, 2008.

**Book Chapters:**

1. Mao CS. Urogenital Disorders in Preadolescent Males. Osborn, DeWitt, First, Zenel: *Pediatrics* pp742-747, Elsevier Mosby, 2005.
2. Mao CS. Urogenital Disorders in Preadolescent Females. Osborn, DeWitt, First, Zenel: *Pediatrics* pp 747-751, Elsevier Mosby, 2005.

**Book Chapters Continued:**

3. Dudley NC and CS Mao. Glucose and Electrolyte Disorders. Osborn, DeWitt, First, Zenel: Pediatrics pp 319-326, Elsevier Mosby, 2005.
4. Yee JK and CS. Mao. Ambiguous Genitalia, Berkowitz's Pediatrics: A Primary Care Approach, 3<sup>rd</sup> Edition, American Academy of Pediatrics, pp 467-471, 2008.
5. Yee JK and CS. Mao. Diabetes Mellitus, Berkowitz's Pediatrics: A Primary Care Approach, 3<sup>rd</sup> Edition, American Academy of Pediatrics, pp 795-800, 2008.

**Abstracts:**

1. Mao CS, Bassilian S, Bergner EA, Lee WP. Stable isotope study of splanchnic and peripheral disposal of oral glucose in man. *J Invest Med*, 44:128A, 1996. Presented at AFMR Western Regional Meetings.
2. Mao CS, Lee WP, Bassilian S, Bergner EA. The contribution of orally absorbed glucose to the hepatic hexose-phosphate pool. Presented at the 10th International Congress of Endocrinology.
3. Mao CS, Berman N, Roberts K, Ipp E. High frequency plasma insulin oscillations are entrainable in normal subjects but not in NIDDM patients. *J Invest Med*, 45:166A, 1997. Presented at AFMR Western Regional Meetings. Presented at the 1997 Endocrine Society Annual Meeting, program abstract OR2-2, p 64, 1997.
4. Mao CS, Berman N, Ipp E. Loss of entrainment of high frequency plasma insulin oscillations in type 2 diabetes is a glucose-specific beta cell defect. *J Invest Med*, 46:92A, 1998. Presented at AFMR Western Regional Meetings. Presented at the Endocrine Society Annual Meeting, program abstract P3-381, p 464, 1998.
5. Chen DC, Mao CS, Dinh T, Lee WP. Coexistence of obesity and insulin resistance in Hispanic type 1 diabetic patients? *J Invest Med*, 46:130A, 1998. Presented at AFMR Western Regional Meetings.
6. Bulun SE, Mao CS, Brasel JA, Neely EK. Treatment of gynecomastia and hypogonadism in disorders of excessive estrogen formation using an aromatase inhibitor. Presented at the Endocrine Society Annual Meeting, program abstract OR12-6, p79, 1999.
7. Ambler C, Mao CS, Berman N, Ipp E. Plasma free fatty acid oscillations in healthy, obese and type 2 diabetic subjects. *J Invest Med*, 47:76A, 1999. Presented at AFMR Western Regional Meetings. Presented at the Endocrine Society Annual Meeting, program abstract OR44-5, p 124, 1999.
8. Mao CS, Bassilian S, Lim SK, Lee WNP. Underestimation of gluconeogenesis by the U<sup>13</sup>C-glucose method: Effect of lack of isotope equilibrium. *J Invest Med*, 48:76A, 2000. Presented at AFMR Western Regional Meetings. Presented at APOR Meeting. Presented at the Endocrine Society Annual Meeting, June 2000.
9. Kwan KJ, Macayran JF, Ipp E, Lee WNP, Mao CS. Arginine stimulation of insulin reserve in type 1 and type 2 diabetes. *J Invest Med*, 48:84A, 2000. Presented at AFMR Western Regional Meetings.
10. Macayran JF, Kwan KJ, Brasel JA, Lee WNP, Mao CS. Undiagnosed hyperglycemia in families with diabetic children. *J Invest Med*, 48:84A, 2000. Presented at AFMR Western Regional Meetings.
11. Mao CS and Brasel JA. Issues in 45X/46XY mosaicism: short stature, gonadoblastoma and infertility. Presented at the Endocrine Society Annual Meeting, June 2000.
12. Villanueva RB, Tomer Y, Mao C, Concepcion ES, Tucci S, Estilo G, Greenberg DA, Davies TF. Whole Genome Screening of Autoimmune Thyroid Disease Susceptibility Genes in a Large Chinese Family. Presented at the Endocrine Society Annual Meeting, June 2000.
13. Villanueva R, Tomer Y, Mao C, Concepcion ES, Tucci S, Estilo G, Greenberg DA, Davies TF. Gene Interactions Causing Susceptibility for Autoimmune Thyroid Disease in a Large Chinese Family: Results of a Whole Genome Screen. Presented at the International Thyroid Congress, Kyoto, Japan October 2000.
14. Lee WNP, Martinez S, Lim S, Bassilian S, Ahmed S, Boren J, Mao CS, Boros LG, Cascante M. Diverse Metabolic Changes of Glucosamine Induced Insulin Resistance in HepG2 Cells. Presented at the Pediatric Endocrine Society Annual Meeting, July 2001.
15. Mao CS, Ahmed S, Bassilian S, Lee WNP. Compartmental modeling of [U-<sup>13</sup>C<sub>6</sub>]-glucose infusion - effect of lactate infusion and priming. *J Invest Med*, 50:53A, 2002. Presented at AFMR Western Regional Meetings. Presented at the Endocrine Society Annual Meeting, June 2002.
16. Kunz GJ, Mao CS, Gottschalk ME. Anastrozole use during precocious puberty in McCune-Albright Syndrome. Presented at the Endocrine Society Annual Meeting, June 2003.

**Abstracts continued:**

17. Swan SH, Main KM., Liu F , Stewart SL, Kruse RL. ,Calafat AM, Mao CS, Redmon JB, Sullivan S, Teague JL, Ternand C, and The Study for Future Families Research Team. Prenatal Phthalate Exposure is Associated with Decreased Anogenital Distance (a marker of fetal androgen action) in Human Infant Males. Presented at the Endocrine Disruptor Forum before the Endocrine Society Annual Meeting, June 3, 2005.
18. Yee JK, Mao CS. Short stature: A case report of primary hypothyroidism and low stimulated growth hormone response. Presented at the NCGS Annual Investigators Meeting, November, 2005.
19. Yee JK, Lim S, Mao CS, Lee WNP. Regulation of fatty acid composition by stearoyl-CoA desaturase enzyme-1 systems in HepG2 cells. Presented at the AFMR Western Regional Meetings, 2007.
20. Yee JK, Lim S, Mao CS, Sugano S, Rehan VK, Xiao G, WNP Lee. "Compartmentalization of stearoyl-CoA desaturase enzyme 1 systems In HepG2 cells." Presented at the Pediatric Academic Societies Meeting, 2007.
21. Yee JK, Lim S, Mao CS, Sugano S, Rehan VK, Xiao G, WNP Lee. "Inhibition of stearoyl-CoA desaturase enzyme alters oleate turnover In NIH3T3 Preadipocytes." Presented at the American Diabetes Association Meeting, 2007.

**Invited Presentations:**

1. Mao CS, Berman N, Roberts K, Ipp E. High frequency plasma insulin oscillations are entrainable in normal subjects but not in NIDDM patients. The 1998 Annual General Clinical Research Center Meeting.
2. Mao CS. Modeling of hepatic metabolism of alimentary absorbed glucose using stable isotope and compartmental modeling. Presented at the 15th Annual Mead Johnson Neonatal Nutrition Symposium, Marco Island, FL, December 1998.
3. Mao CS, Berman N, Ipp E. Loss of entrainment of high frequency plasma insulin oscillations in type 2 diabetes is a glucose-specific beta cell defect. The 1999 Annual General Clinical Research Center Meeting.
4. Mao CS, Bassilian S, Lim SK, Lee WNP. Underestimation of gluconeogenesis by the U<sup>13</sup>C-glucose method: Effect of lack of isotope equilibrium. The 2000 Annual General Clinical Research Center Meeting.
5. Mao CS. "AGD-phthalate study: Critique of AGD measurement protocol" NIEHS-NIH "Standardization of Anthropometric Measures Meeting" on November 5-6, 2001 in Durham, North Carolina.
6. Mao CS. "Adverse Events and DSM Reports" The Annual Research Coordinators Meeting, General Clinical Research Center at the Research and Education Institute/Harbor-UCLA Medical Center. July 29, 2003.
7. Mao CS. Data and Safety Monitoring: Preparing Plans and Reports. "Conducting Clinical Trials: 2003", General Clinical Research Center at the Research and Education Institute/Harbor-UCLA Medical Center. October 16, 2003.
8. Mao CS and Castillas J. The Interface of Medical Practice with Clinical Research "Enhancing Integrity in Clinical Research" November 15, 2003. The UCLA General Clinical Research Center. Supported by the National Center for Research Resources and The Department of Health and Human Services, Office of Research Integrity. In conjunction with The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA.
9. Mao CS. Barriers to the Transition of Patient Care from Pediatric to Adult Endocrinologists. Orange County Endocrine Society. May 19, 2004.
10. Mao CS and Kalichman, M. Role Play: Exploring the Dynamics of Informed Consent "Enhancing Integrity in Clinical Research" June 3, 2005. The Endocrine Society. Supported by the Association of American Medical Colleges (AAMC) - Office of Research Integrity (ORI).
11. Mao CS. Prenatal Phthalate Exposure: Effects on Genital Development Childrens Hospital Los Angeles Pediatric Endocrine Research Series, 12/15/2006.
12. Mao CS. Polycystic Ovarian Syndrome. American Academy of Pediatrics-Alabama Chapter Regional Meeting, January 28, 2006.
13. Mao CS. The Rise of Type 2 Diabetes in Adolescents. American Academy of Pediatrics-Alabama Chapter Regional Meeting, January 28, 2006.
14. Mao CS. Diabetes Management in the School Setting. 9th Annual School Nurse Appreciation Luncheon, San Pedro Peninsula Hospital, May 30, 2006.
15. Mao CS. Delayed Puberty. Disorders of Sexual Development, Salt Lake City, Utah Sponsored by Children's Health Improvement through Laboratory Diagnostics (CHILdX), an ARUP Laboratories Initiative, November 16, 2006.

**Invited Presentations Continued:**

16. Mao CS. Infant Genital Exam. International Workshop on Endocrine-related Infant Follow-up, April 30 – May 1, 2007.

**Lectures:**

- “Pathogenesis of Type 1 Diabetes Mellitus” City of Hope Medical Center Endocrinology Clinical Conference, 3/19/1997.
- “Obesity” Harbor-UCLA Medical Center Pediatric Lecture Series, 10/21/97.
- “Daily Management of Diabetes” Harbor-UCLA Medical Center Pediatric Lecture Series, 10/28/97.
- “Diabetes in Childhood” Harbor-UCLA Medical Center Nurse Practitioners’ Pediatric Lecture Series, 12/9/97.
- “Powerpoint Basics: slides, set up and presentation, and use of the slide maker” Harbor-UCLA Medical Center CSC Special Lecture, 1/8/98.
- “Update: The Pathogenesis of Type 1 Diabetes Mellitus” Harbor-UCLA Medical Center Endocrine Clinical Conference, 4/22/98
- “Diabetic Ketoacidosis” Harbor-UCLA Medical Center Pediatric Critical Care Lecture Series, 6/17/98.
- “Non-Endocrine Causes of Obesity” Harbor-UCLA Medical Center Pediatric Lecture Series, 8/17/98.
- “Adolescent Obesity” Harbor-UCLA Medical Center Endocrine Clinical Conference, 9/9/98.
- “Parathyroid Disease in Adolescents and Children” Harbor-UCLA Medical Center Pediatric Endocrinology Journal Club, 9/10/98.
- “Iatrogenic Cushings Syndrome” Harbor-UCLA Medical Center Endocrine Grand Rounds, 10/16/98.
- “Type 1 Diabetes” Harbor-UCLA Medical Center Pediatric Lecture Series, 11/4/98.
- “Prenatal and Postnatal Management of CAH” Harbor-UCLA Medical Center Endocrine Grand Rounds, 4/21/99.
- “Compartmental Modeling” Harbor-UCLA Medical Center Clinical Studies Center Biostatistics Lecture Series, 5/12/99.
- “Metabolic Disorders of Calcium Regulation in Children” Harbor-UCLA Medical Center Endocrine Grand Rounds, 5/2/99.
- “Emergency Room Management of DKA” Harbor-UCLA Medical Center Pediatric Emergency Lecture Series, 6/8/99.
- “Congenital Adrenal Hyperplasia” Charles R. Drew University of Medicine and Science; Endocrine Clinical Conference, 8/25/99.
- “Oncogenes and Tumor Suppressor Genes: Focus MEN-1 and MEN-2” Harbor-UCLA Medical Center Endocrine Grand Rounds 8/27/99.
- “Central DI with Thickened Pituitary Stalk in Pediatrics” Harbor-UCLA Medical Center Endocrine Grand Rounds 10/22/99.
- “Amenorrhea and Polycystic Ovarian Syndrome” Harbor-UCLA Medical Center Endocrine Grand Rounds 10/29/99.
- “Prenatal Diagnosis and Treatment of CAH” Harbor-UCLA Medical Center Perinatal Case Conference, 11/10/99.
- “Congenital Adrenal Hyperplasia” Harbor-UCLA Medical Center Pediatric Lecture Series, 12/13/99.
- “Male Ambiguous Genitalia” Harbor-UCLA Medical Center Endocrine Grand Rounds 2/18/2000.
- “Male Ambiguous Genitalia” Charles R. Drew University of Medicine and Science; Endocrine Clinical Conference, 5/24/2000.
- “Metabolic Disorders of Calcium Regulation in Children” Harbor-UCLA Medical Center Pediatric Grand Rounds, 7/6/2000.
- “Thyroid Function in Psychiatric Illness” Harbor-UCLA Medical Center Psychiatric Ward Resident Conference, 7/24/2000.
- “Metabolic Studies of Acid-Base Balance in Diabetes” Harbor-UCLA Medical Center PICU Research Conference, 7/27/2000.
- “Diabetic Ketoacidosis” Harbor-UCLA Medical Center Pediatric Lecture Series, 8/14/2000.
- “Obesity: Genetics vs Environment” Harbor-UCLA Medical Center Pediatric Lecture Series, 4/9/2001
- “Insulin Pump Therapy” Harbor-UCLA Medical Center Endocrine Grand Rounds 6/29/2001.
- “Diabetic Ketoacidosis” Harbor-UCLA Medical Center Pediatric Lecture Series, 7/23/2001.
- “General Pediatric Endocrinology Overview” Charles R. Drew University of Medicine and Science: Endocrine Fellows Lecture Series, 8/7/2001.

**Lectures continued:**

- “Calcium Regulation” Charles R. Drew University of Medicine and Science: Endocrine Fellows Lecture Series, 9/18/2001.
- “Adrenal Disorders in Children” Charles R. Drew University of Medicine and Science: Endocrine Fellows Lecture Series, 10/2/2001.
- “Puberty: Normal, Early and Late” Charles R. Drew University of Medicine and Science: Endocrine Fellows Lecture Series, 11/13/2001.
- “Precocious Puberty” Harbor-UCLA Medical Center; Endocrine Clinical Conference, 3/27/2002.
- “Puberty-How Early is Normal?” Harbor-UCLA Medical Center Pediatric Grand Rounds 5/9/2002.
- “Prenatal Diagnosis and Treatment of CAH” Harbor-UCLA Medical Center Endocrine Grand Rounds, 5/24/2002.
- “Calcium Homeostasis and Metabolic Bone Disease” Harbor-UCLA Medical Center Orthopedic Grand Rounds 6/5/2002.
- “Obesity and OSA” Harbor-UCLA Medical Center Pediatric Morning Report, 8/9/2002.
- “Diabetic Ketoacidosis” Harbor-UCLA Medical Center Pediatric Lecture Series, 8/12/2002.
- “Precocious Puberty” Harbor-UCLA Medical Center Obstetric-Gynecology Grand Rounds 9/16/2002.
- “MEN and Related Syndromes” Harbor-UCLA Medical Center; Endocrine Clinical Conference, 10/23/2002.
- “Congenital Adrenal Hyperplasia” Harbor-UCLA Medical Center; Endocrine Didactic Lecture Series, 12/17/2002.
- “Bisphosphonates in Children” Harbor-UCLA Medical Center Pediatric Clinical Conference, 1/10/2003.
- “Who to Start on Insulin Pump Therapy” Harbor-UCLA Medical Center Pediatric Clinical Conference, 2/14/2003.
- “Pediatric Issues in Management of Diabetes” Harbor-UCLA Medical Center; Endocrine Didactic Lecture Series, 2/25/2003.
- “Constitutional Delay of Growth and Puberty (CDGP) vs Hypogonadotropic Hypogonadism” Solvay's Male Fertility Preceptorship, 4/16/2003.
- “Pediatric Endocrinology” Harbor-UCLA Medical Center Pediatric Board Review Course, 5/13/2003.
- “Etiology of Hypoglycemia in Infants and Children” Harbor-UCLA Medical Center; Endocrine Didactic Lecture Series, 5/20/2003.
- “Osteogenesis Imperfecta and Bisphosphonate Treatment” Harbor-UCLA Medical Center; Orthopedic Didactic Lecture Series, 6/10/2003.
- “Constitutional Delay of Growth and Puberty (CDGP) vs Hypogonadotropic Hypogonadism” Harbor-UCLA Medical Center Pediatric Grand Rounds 7/10/2003.
- “Diabetic Ketoacidosis” Harbor-UCLA Medical Center Pediatric Lecture Series, 7/14/2003.
- “Congenital Adrenal Hyperplasia Update” Charles R. Drew University of Medicine and Science: Endocrine Clinical Conference, 9/22/2003.
- “Controversial Treatment for Congenital Adrenal Hyperplasia” Harbor-UCLA Medical Center Endocrine Grand Rounds/Clinical Journal Club, 10/3/2003.
- “Patterns of Growth Disorder in Children” Torrance Memorial Pediatric Lecture Series, November 20, 2003.
- “Precocious Puberty” Harbor-UCLA Medical Center Endocrine Grand Rounds/Clinical Journal Club, 1/21/2004.
- “Obesity” Harbor-UCLA Medical Center Pediatric Lecture Series, 4/12/2004.
- “Pediatric Endocrinology” Harbor-UCLA Medical Center Pediatric Board Review Course, 4/13/2004.
- “Klinefelter Syndrome and Testosterone Treatment” Harbor-UCLA Medical Center Pediatric Clinical Conference, 5/7/2004.
- “46XX Ambiguous Genitalia” Harbor-UCLA Medical Center Neonatal Clinical Conference, 5/12/2004.
- “The Interface of Medical Practice with Clinical Research” City of Hope GCRC Lecture Series, 6/10/2004
- “Endocrine Aspects of Turner Syndrome” Harbor-UCLA Medical Center Pediatric Clinical Conference, 7/9/2004.
- “Diabetic Ketoacidosis” Harbor-UCLA Medical Center Pediatric Lecture Series, 7/26/2004.
- “PCOS and Metabolic syndrome in Children” Harbor-UCLA Medical Center; Pediatric Grand Rounds, 8/12/2004.
- “Metabolic syndrome, PCOS, obesity” Harbor-UCLA Medical Center; Endocrine Didactic Lecture Series, 11/8/2004.
- “What's New in Type 1 Diabetes? Gadgets and Gizmos” Torrance Memorial Pediatric Lecture Series, November 18, 2004.
- “Pediatric Hypoglycemia” Harbor-UCLA Medical Center; Endocrine Didactic Lecture Series, 11/22/2004
- “Pediatric aspects of diabetes management and insulin pump therapy” Harbor-UCLA Medical Center; Endocrine Didactic Lecture Series, 11/29/2004.
- “Puberty and Pubertal Disorders” Harbor-UCLA Medical Center; Endocrine Didactic Lecture Series, 2/7/2005.

**Lectures continued:**

- "CAH and Disorders of Sexual Differentiation" Harbor-UCLA Medical Center; Endocrine Didactic Lecture Series, 2/14/2005.
- "Trials and Tribulations of Diabetes Outpatient Management" Harbor-UCLA Medical Center Pediatric Lecture Series, 2/23/2005.
- "Sibutramine Rx in Obese Adolescents" Harbor-UCLA Medical Center Endocrine Grand Rounds/Clinical Journal Club, 4/8/2005.
- "Barriers to the Transition of Patient Care from Pediatric to Adult Endocrinologists" Harbor-UCLA Medical Center; Endocrine Clinical Conference, 5/4/2005.
- "Type 2 Diabetes in Children and Adolescents" Harbor-UCLA Medical Center; Pediatric Grand Rounds, 8/11/2005.
- "Hyperinsulinemic Hypoglycemia" Harbor-UCLA Medical Center Pediatric Clinical Conference, 9/16/2005.
- "DM 1 Prevention-Nicotinamide" Harbor-UCLA Medical Center Endocrine Grand Rounds/Clinical Journal Club, 4/7/2006.
- "Prenatal Phthalate Exposure: Effects on Genital Development" Harbor-UCLA Medical Center; Endocrine Clinical Conference, 1/11/2006.
- "Diabetic Ketoacidosis" Harbor-UCLA Medical Center Pediatric Lecture Series, 3/27/2006.
- "Hospital Management of Central Diabetes Insipidus" Harbor-UCLA Medical Center Pediatric Lecture Series, 6/12/2006.
- "Growth Disorders in Children and GH Treatment" Torrance Memorial Pediatric Lecture Series, 7/20/2006
- "Diabetic Ketoacidosis" Harbor-UCLA Medical Center Pediatric Lecture Series, 8/28/2006.
- "Pediatric aspects of diabetes management" Harbor-UCLA Medical Center; Endocrine Didactic Lecture Series, 9/18/2006.
- "Differential Diagnosis and Treatment of Pediatric Hypoglycemia" Harbor-UCLA Medical Center; Endocrine Didactic Lecture Series, 9/18/2006.
- "Osteogenesis Imperfecta and Bisphosphonate Treatment" Harbor-UCLA Medical Center Pediatric Grand Rounds, 10/12/2006.
- "Endocrine Cases in ED" Harbor-UCLA Medical Center Pediatric Emergency Department Lecture Series, 12/13/2006.
- "MEN and related disorders" Harbor-UCLA Medical Center; Endocrine Didactic Lecture Series, 1/8/2007.
- Puberty and Disorder of Pubertal Development Harbor-UCLA Medical Center; Endocrine Didactic Lecture Series, 2/12/2007.
- "Ambiguous Genitalia and CAH" Harbor-UCLA Medical Center; Endocrine Didactic Lecture Series, 2/26/2007
- "Genetics of Pituitary Development, Childhood Hypopituitarism, and Disorders of Growth" Harbor-UCLA Medical Center; Endocrine Didactic Lecture Series, 3/5/2007.
- NICU Endocrine Board Review Harbor-UCLA Medical Center; NICU Didactic Lecture Series, 8/30/2007
- "Precocious Puberty" Harbor-UCLA Medical Center Pediatric Lecture Series, 10/2/2007.
- "Patient with Thyrotoxicosis and Hyperglycemia" Harbor-UCLA Medical Center Pediatric Clinical Conference, 11/16/2007.
- "Insulin Resistance & Type 2 Diabetes in Adolescents" Harbor-UCLA Medical Center Pediatric Clinical Conference, 11/30/2007.
- "Endocrine Cases-Pediatric Resident Board Review" Harbor-UCLA Medical Center Special Pediatric Lectures, 2/11/2008.
- "Metabolic Phenotype" Harbor-UCLA Medical Center Endocrine Research Lectures, 2/26/2008.
- "What's New in CAH" Harbor-UCLA Medical Center Endocrine Clinical Conference, 5/28/2008.
- "Diabetic Ketoacidosis" Harbor-UCLA Medical Center Pediatric Lecture Series, 8/7/2008.
- "Type 1 Diabetes: Insulin Pump in Pregnancy" Harbor-UCLA Medical Center OB/Gyn Resident Lecture Series, 9/19/2008.
- "Pediatric Aspects of Diabetes Management" Harbor-UCLA Medical Center; Endocrine Didactic Lecture Series, 9/22/2008.
- "MEN and Related Disorders" Harbor-UCLA Medical Center; Endocrine Didactic Lecture Series, 10/6/2008.
- "Pediatric Endocrine Cases" Harbor-UCLA Medical Center Pediatric Lecture Series, 10/30/2008.