

May 11, 2015

## CURRICULUM VITAE

CATHERINE M. GORDON, M.D., M.Sc.

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### EDUCATION

Undergraduate	North Carolina State University, Biochemistry, B.S., 1986, <i>summa cum laude</i>
Medical School	University of North Carolina at Chapel Hill, M.D., 1991, M.D. (with Honors)
Other Advanced Degrees	Harvard School of Public Health, Certificate, 1997 Program in Clinical Effectiveness Harvard Medical School, Clinical Investigation, M.Sc., 1998 Brown University, 2013, Master of Arts <i>ad eundem</i>

### POSTGRADUATE TRAINING

Internship/ Residency	Program in Pediatrics Boston Children's Hospital 300 Longwood Avenue Boston, MA	1991-1994
Fellowship	Adolescent Medicine and Endocrinology (combined fellowship) Boston Children's Hospital 300 Longwood Avenue Boston, MA	1994-1998

### POSTGRADUATE HONORS AND AWARDS

Thomas A. Hazinski Distinguished Service Award, Society for Pediatric Research	2015
Selected for membership, American Pediatric Society (APS)	2014
A. Clifford Barger Excellence in Mentoring Award, Harvard Medical School	2011

Estherann Grace Faculty Teaching Award, Division of Adolescent/ Young Adult Medicine, Boston Children’s Hospital	2010
NC State University Distinguished Alumna Award, North Carolina State University	2008
“Best of Boston,” Pediatric Endocrinology;	2007-2012
“Best of Providence,” selected by peers through Best Doctors of America, Inc.	2013-2014
ASBMR Early Career Excellence in Teaching Award American Society for Bone and Mineral Research	2007
Selected for membership, Society for Pediatric Research (SPR)	2005
Presidential Early Career Award for Scientists and Engineer, award presented at White House for outstanding research potential and community service, US Government	2005
Plenary Poster Award, American Society for Bone and Mineral Research annual meeting- Minneapolis, MN	2003
New Investigator Award, Society for Adolescent Medicine	2002
Fellow’s Clinical Research Award, Society for Pediatric Research	1998
Housestaff Teaching Award, Boston Children’s Hospital	1996
Farley Fellowship Award, Boston Children’s Hospital	1994
Schliesman Memorial Traveling Fellowship, Schliesman Fund, Boston Children’s Hospital	1994
Von Meyer Award, Boston Children’s Hospital	1993

MILITARY SERVICE

NA

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

State of Rhode Island, Board of Registration in Medicine	2012-present
Clinical Densitometry, International Society for Clinical Densitometry	2001, 2004, 2009, 2014 -
Pediatric Endocrinology	1999, 2006, 2013 – present
Adolescent Medicine	2001, 2008 – present
General Pediatrics, American Board of Pediatrics	1995
Commonwealth of Massachusetts, Board of Registration in Medicine	1994 – present

ACADEMIC APOINTMENTS

Vice Chair for Clinical Research, Department of Pediatric Alpert Medical School of Brown University	2013 – present
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Professor of Pediatrics, Warren Alpert Medical School of Brown University	2012 – present
Adjunct Faculty, Yale University School of Nursing	2012 – 2015
Adjunct Faculty, Harvard Medical School	2012 - 2015
Associate Professor of Pediatrics, Harvard Medical School	2006-2012
Assistant Professor of Pediatrics, Harvard Medical School	2001-2006
Instructor in Pediatrics, Harvard Medical School	1998-2000

### HOSPITAL APPOINTMENTS

Chief, Division of Adolescent Medicine, Hasbro Children’s Hospital	2012 – present
Medical Director, Lifespan Clinical Research Center	2013 – 2015
Research Associate, Boston Children’s Hospital	2012 – 2015
Associate in Medicine, Division of Adolescent/Young Adult Medicine and Endocrinology, Boston Children’s Hospital	2006 - 2012
Affiliate Staff, Newborn Medicine, Brigham and Women’s Hospital	2002 – 2012
Faculty, Division of Adolescent/ Young Adult Medicine and Endocrinology, Boston Children’s Hospital	1998 – 2012
Assistant in Medicine, Divisions of Adolescent/ Young Adult Medicine and Endocrinology, Boston Children’s Hospital	1998 – 2006
Fellow, Divisions of Adolescent/Young Adult Medicine and Endocrinology, Boston Children’s Hospital	1994 - 1998

### OTHER APPOINTMENTS

Selected Participant, Pediatric Leaders hip Development Program, Association of Medical School Pediatric Department Chairs	2014-2016
Working Group, Peak Bone Mass, National Osteoporosis Foundation	2014 – present
Selection Committee, Early Career Awards, Thrasher Research Fund	2012 – present
Director, Student Research Program (national training program), American Pediatric Society/ Society for Pediatric Research (APS/SPR)	2011 – present
Associate Editor, <i>Metabolism: Clinical and Experimental</i>	2011 – 2013
Editorial Board Member	2013- present
Editorial Board Member, <i>Journal of Bone and Mineral Research</i>	2010 –present
Editorial Board Member, <i>Journal of Pediatrics</i>	2010 – 2013
Editorial Board Member, <i>Journal of Clinical Densitometry</i> ,	2010 – present
Co-Director, Clinical Investigator Training Program, Collaborative Program – Harvard Medical School and Massachusetts Institute of Technology, with Pfizer and Merck	2010- 2012
Ad-hoc Reviewer, Paediatric Rheumatology Clinical Studies Group	

(CSG), Medicines for Children Research Network/ Arthritis Research UK	2010
Editorial Board Member, <i>Journal of Clinical Endocrinology and Metabolism</i> ,	2009 – 2014
Scientific Advisory Committee Member, Thrasher Research Fund	2009-2012
Organizing Committee Member, Forum on Aging and Skeletal Research, National Institutes of Health/ American Society of Bone and Mineral Research	2009 – 2011
Ad-hoc Reviewer, Harvard Catalyst Pilot Grants Program, Harvard Medical School	2009
Ad-hoc Member, Neurological, Aging and Musculoskeletal Epidemiology (NAME) Study Section, NIH – Center for Scientific Review	2008 – present
Girls Bone Health Expert Panel, National Bone Health Campaign, U.S Office on Women’s Health	2008 – 2013
Ad-hoc Reviewer, NICHD LRP Study Section, NIH Loan Repayment Programs	2008 – 2010
Ad-hoc Reviewer, Kidney, Nutrition, Obesity and Diabetes Epidemiology (KNOD) Study Section, NIH – Center for Scientific Review	2008
Committee Co-Chair, Scientific Advisory Committee, RFA on Bone and Growth Issues in Children with Inflammatory Bowel Disease, Crohn’s and Colitis Foundation of America	2007 – 2012
Ad-hoc Reviewer, US Army Medical Research and Material Command Grants Program	2007
Ad- hoc Reviewer, NIH Special Emphasis Panel – Infant Psychobiology and Maternal Depression	2007
Co-Chair, Scientific Steering Committee, NIH sponsored meeting, “The Menstrual Cycle and Adolescent Health,”	2007
Chair, Task Force on Reporting of Bone Densitometry in Children, International Society for Clinical Densitometry Pediatric Position Development Conference (PDC), Montreal	2006- 2007
Conference and Task Force Co-Chair, Pediatric PDC, Baltimore	2013
Safety Monitor, NIAMS Grant, “Effect of Potassium Bicarbonate on Bone and Muscle” R01 AR52322 (PI – Dawson-Hughes)	2006 – 2008
Ad-hoc Reviewer, Grants Selection Committee, Canadian Dairy Farmers Foundation	2006
Scientific Advisory Committee, Task Force for Crohn’s and Colitis Foundation of America: Growth and Skeletal Health	2005 – Present
Ad-hoc Reviewer, Selection Committee, Harvard Clinical Nutrition	

Research Center	2005
Selected participant, Leadership Development for Physicians and Scientists Course, Office for Faculty Affairs, Harvard Medical School	2005
Scientific Advisory Committee, Subcommittee on Targeting Children and Youth, Osteoporosis Awareness Program, Massachusetts Department of Public Health	2003 – 2005
Ad-hoc Reviewer, Advisory Committee, The Burroughs Wellcome Fund	2003
Director, Bone Health Program and DXA Center, Boston Children’s Hospital, Division of Endocrinology	2000 – 2012
Scientific Reviewer, “Eating Disorders and Bone Density” Bibliography for NIH Osteoporosis and Related Bone Diseases, Nation Resource Center, Nation Osteoporosis Foundation	1999-2005
Study Monitor, “Beat Osteoporosis: Nourish and Exercise Skeletons (BONES) Project,” New England Medical Center, School of Nutrition Science and Policy, Tufts University	1998-2002
Administrative Coordinator, Medicine/Pediatrics Residency Program, Boston Children’s Hospital, Massachusetts General Hospital, and Brigham & Women’s Hospital	1996-1998
Ad-hoc Reviewer	
- <i>American Journal of Clinical Nutrition</i>	
- <i>Bone</i>	
- <i>British Medical Journal</i>	
- <i>Chest</i>	
- <i>Clinical Pediatrics</i>	
- <i>Endocrinology</i>	
- <i>International Journal of Eating Disorders</i>	
- <i>JAMA – Internal Medicine</i>	
- <i>JAMA – Pediatrics</i>	
- <i>JAMA – Women’s Health Information Center</i>	
- <i>Journal of Adolescent Health</i>	
- <i>Journal of American College of Nutrition</i>	
- <i>Journal of Molecular Endocrinology</i>	
- <i>Journal of Pediatric Infectious Diseases</i>	
- <i>The Lancet</i>	
- <i>New England Journal of Medicine</i>	
- <i>Pediatrics</i>	
- <i>Pediatric Blood and Cancer</i>	
- <i>Osteoporosis International</i>	

## HOSPITAL COMMITTEES

Member, Search Committee for Orthopedics Department Chair, RI Hospital and Alpert/Brown Medical School	2015 - present
Member, DEANS (Dean's Emerging Areas of New Science) Awards Review Committee, Brown University Division of Biology	2014
Member, Search Committee for Neurosurgery Department Chair, RI Hospital and Alpert/Brown Medical School	2014 - present
Member, Selection Committee, Oh-Zopfi Awards Program, Department of Pediatrics, Alpert Brown Medical School	2014 - present
Co-Chair, Pediatrics Interest Group (advise medical students with potential interest in pediatrics), Alpert Medical School	2013 - present
Academic Promotions Committee, Hasbro Children's Hospital present	2013 –
Chair, Search Committee for Director of Hematology/Oncology, Hasbro Children's Hospital	2013 – present
Clinical and Translational Research Committee (CTREC), Boston Children's Hospital	2011 – 2012
Safety Monitor, "Phase I/II Dose Escalation Trial of Danazol in Patients with Fanconi Anemia and Dyskeratosis Congenita," (Boston Children's PI – Dr. Colin Sieff)	2010 – 2012
Co-Chair, Task Force on Prevention of Fractures in Pediatric Inpatients with Low Bone Density (appointed by Boston Children's Hospital, Senior Clinical Leadership Committee and Program for Patient Safety and Quality Implementation Committee)	2009 – 2012
Clinical and Translational Study Unit (CTSU) Executive Steering Committee, Boston Children's Hospital	2008 – 2012
Scholarship Oversight Committees, Division of Adolescent Medicine, Boston Children's Hospital	2004 – 2012
Selection Committee, Fred Lovejoy House Staff Research & Education Fund, Boston Children's Hospital	2003 – 2012
Scientific Advisory Board for Clinical Research, Divisions of Gastroenterology, Endocrinology and Nephrology, Boston Children's Hospital	2003 – 2006
Subcommittee Chair, Osteopenia in Young Women with Amenorrhea, Boston Children's Hospital	1999 – 2000
Co-Chair, Children's Hospital Skeletal Health Interdisciplinary Program	1999 – 2000
Clinical Practice Guideline Committee: Management of Eating Disorders, Boston Children's Hospital	1999 – 2002

Resident Advisors' Committee, Boston Children's Hospital	1997 – 1998
Residency Training Curriculum Committee, Boston Children's Hospital	1996 – 1998
Co-Chair, Resident-Fellow Committee, Boston Children's Hospital (Member, 1994 – 1996)	1995- 1996
Clinical Practice Guideline Committee: Management of Diabetic Ketoacidosis, Boston Children's Hospital	1994 – 1996
Adolescent Medicine Curriculum Committee, Boston Children's Hospital	1993 – 1994

### UNIVERSITY COMMITTEES

Clinical and Translational Science Award (CTSA) Writing Committee, Alpert Medical School	2014
Admissions Committee, Harvard Catalyst KL2 Program, Harvard Catalyst and Harvard Medical School	2011 – 2012
Admissions Committee, Clinical Investigator Training Program, Collaborative Program – Harvard Medical School and Massachusetts Institute of Technology, Pfizer and Merck	2006 – 2012
Dean's Advisory Committee of the Medical Faculty, University of North Carolina School of Medicine	1990 – 1991
Co- President, Whitehead Medical Society (Student Government), University of North Carolina School of Medicine (Member, 1989-1991)	1990- 1991
Fellowship Scholarship Oversight Committees	
2013- 2015	Dr. Shara Bialo, Hasbro Endocrine Division (Chair)
2013-2014	Dr. Jeremy Doak, Brown Dept of Orthopedics
2011-2013	Dr. Tregony Simoneau, BCH Pulmonary Medicine (Chair)
2010-2012	Dr. Kate Madden, BCH Critical Care
2010-2012	Dr. Melissa Putman, BCH/MGH Endocrinology
2009-2012	Dr. Chuan Gao, BIDMC Endocrinology
2007-2010	Dr. Sarah Pitts, BCH Adolescent Medicine (Chair)
2007-2010	Dr. Lynda Vrooman, BCH Hematology/Oncology
2007-2009	Dr. Areej Hassan, BCH Adolescent Medicine
2004-2006	Dr. Amy DiVasta, BCH Adolescent Medicine (Chair)
2004-2006	Dr. Helen Pappa , BCH GI/Nutrition (Chair)
2003-2005	Dr. Amy Fleischman, BCH Endocrinology (Chair)
2003-2005	Dr. Andrea Pettinato, BCH Adolescent Medicine (Chair)
2001-2003	Dr. Nava Stoffman, BCH Adolescent Medicine (Chair)
2002-2005	Dr. Keith Loud, BCH Adolescent Medicine (Chair)
1998-2001	Dr. Maria Trent, BCH Adolescent Medicine (Chair)

## MEMBERSHIP IN SOCIETIES

### American Academy of Pediatrics (AAP)

- 2000- Member, Section on Adolescent Health
- 2000 Elected Fellow
- 1991- Member

### Society for Adolescent Health and Medicine (SAHM)

- 2008-2011 Chair, Research Committee
- 2008-2009 Founding Member and Co-Chair, Significant Interest Group (SIG) on Bone Health
- 2005-2008 Member, Research Committee
- 2004 Moderator, Institute on Bone Health, Annual Meeting, St. Louis, MO
- 1995- Member, National and New England Regional Chapters

### The Endocrine Society

- 2015- Chair, Clinical Guideline Task Force – Hypothalamic Amenorrhea
- 2007-2012 Member, Task Force on Vitamin D and Bone Guidelines
- 2007 Subcommittee Chair, Committee on Vitamin D and Bone Health Guidelines
- 2003 Moderator, Session on Growth and Puberty, Annual Meeting, Philadelphia, PA
- 1996- Member

### North American Society for Pediatric and Adolescent Gynecology (NASPAG)

- 2008-2010 Member, Skeletal Health Committee
- 1998- Member

### Pediatric Endocrine Society

- 2009-2010 Co-Chair, Drugs & Therapeutics Committee
- 2007-2011 Member, Drugs & Therapeutics Committee
- 2006 Co-Chair, Mini-Course Symposium “Vitamin D: More than Just Calcium and Bone,” Annual Meeting, San Francisco, CA
- 2004 Abstract Reviewer, Endocrinology Section, Annual Meeting, San Francisco, CA
- 2004 Moderator, Session on Endocrinology and Diabetes, Annual Meeting, San Francisco, CA
- 2003 Moderator, Session on Pediatric Bone Health, Annual Meeting, Seattle, WA
- 1998- Member

### American Society for Bone and Mineral Research (ASBMR)

- 2015 Annual Meeting Category Chair, Bone Acquisition and Pediatric Bone Disease
- 2014 Moderator, Nutrition and Secondary Bone Loss Oral Session, Annual Meeting, Houston, TX



- 2014 Abstract Reviewer, Annual Meeting, Sarcopenia and Bone Loss  
 2014 Reviewer, American Society for Bone and Mineral Research  
 Gap Awards Program
- 2013 Co-Chair and Expert Panelist, 2<sup>nd</sup> Pediatric Position Development  
 Conference
- 2012 Annual Meeting Category Chair, Bone Acquisition and Pediatric  
 Bone Disease
- 2011 Moderator, Pediatric Oral Session, Annual Meeting, San Diego; CA
- 2010 Poster Chair, Bone Acquisition and Pediatric Bone Disease and  
 President's Poster Competition Judge; Moderator, Pediatric Plenary  
 Session; Annual Meeting, Toronto, Ontario, Canada
- 2009 Moderator, New Frontiers in Skeletal Research: Bone, Fat and Brain  
 Connections, Bethesda, MD
- 2008 Moderator, Plenary Symposium – Regulation of Bone Accrual,  
 Annual Meeting, Montreal, Canada
- 2005-2006 President, Pediatric Bone and Mineral Working Group
- 2005 Abstract Reviewer, Annual Meeting, Nashville, TN
- 2004-2010 Steering Committee, Pediatric Bone and Mineral Working Group
- 2004-2007 Professional Practice Committee
- 2004 Abstract Reviewer, Annual Meeting, Seattle, WA
- 2003-2004 Co-Chair, Pediatric Bone Health Initiative, Public Health and  
 Education
- 2003 Abstract Reviewer, Annual Meeting, Minneapolis, MN
- 1996- Member
- International Society for Clinical Densitometry (ISCD)
- 2013 Co-Chair, Task Force, “Reporting Densitometry Results in  
 Children,” Pediatric Position Development Conference
- 2012- ISCD Secretary (elected)
- 2011 Moderator, Oral Session – Pediatrics: Peak Bone Mass, Annual  
 Meeting Miami, FL
- 2009-2012 Member, ISCD Board of Director (elected)
- 2008- Faculty Course Director, Pediatric Bone Density Course
- 2008- Co-Chair, Pediatric Scientific Advisory Committee
- 2007 Chair, Task Force, “Reporting Densitometry Results in Children,”  
 Pediatric Position Development Conference
- 2007- Member
- Society for Pediatric Research (SPR)
- 2011- Director, APS/SPR Student Research Program
- 2010-2013 Co-Chair, SPR Mentoring Committee
- 2008-2012 Council Member (elected)

2005- Member (voted)  
 American Board of Pediatrics  
 2013- Member, Subboard on Adolescent Medicine  
 American Pediatric Society for Pediatric Research (APS)  
 2014 - Member (voted). Highlighted on APS website as ‘new member of the month’

## PUBLICATIONS LIST

### ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. Farmer JJ, 3<sup>rd</sup>, Hickman-Brenner FW, Fanning GR, **Gordon CM**, Brenner DJ. Characterization of *Vibrio metschnikovii* and *Vibrio gazogenes* by DNA-DNA hybridization and phenotype. *J Clin Microbiol.* 1988 Oct;26(10):1993-2000.
2. **Gordon CM**, Rowitch DH, Mitchell ML, Kohane IS. Topical iodine and neonatal hypothyroidism. *Arch Pediatr Adolesc Med.* 1995 Dec;149(12):1336-9.
3. **Gordon CM**, Majzoub JA, Marsh DJ, Mulliken JB, Ponder BA, Robinson BG, Eng C. Four cases of mucosal neuroma syndrome: multiple endocrine neoplasm 2B or not 2B? *J Clin Endocrinol Metab.* 1998 Jan; 83(1):17-20.
4. **Gordon CM**, Grace E, Emans SJ, Goodman E, Crawford MH, Leboff MS. Changes in bone turnover markers and menstrual function after short-term oral DHEA in young women with anorexia nervosa. *J Bone Miner Res.* 1999 Jan; 14(1):136-45.
5. Bravender T, Robertson L, Woods ER, **Gordon CM**, Forman S. Is there an increased clinical severity of patients with eating disorders under managed care? *J Adolesc Health.* 1999 Jun;24(6):422-6.
6. **Gordon CM**, Dougherty DD, Rauch SL, Emans SJ, Grace E, Lamm R, Alpert NM, Majzoub JA, Fischman AJ. Neuroanatomy of human appetitive function: A positron emission tomography investigation. *Int J Eat Disord.* 2000 Mar; 27(2):163-71.
7. **Gordon CM**, Emans SJ, DuRant RH, Mantzoros C, Grace E, Harper GP, Majzoub JA. Endocrinologic and psychological effects of short-term dexamethasone in anorexia nervosa. *Eat Weight Disord.* 2000 Sep; 5(3):175-82.
8. **Gordon CM**, Dougherty DD, Fischman AJ, Emans SJ, Grace E, Lamm R, Alpert NM, Majzoub JA, Rauch SL. Neural substrates of anorexia nervosa: a behavioral challenge study with positron emission tomography. *J Pediatr.* 2001 Jul; 139(1):51-7.
9. **Gordon CM**, LeBoff MS, Glowacki J. Adrenal and gonadal steroids inhibit IL-6 secretion by human marrow cells. *Cytokine.* 2001 Dec 7; 16(5):178-86.
10. Palmert MR, **Gordon CM**, Kartashov AI, Legro RS, Emans SJ, Dunaif A. Screening for abnormal glucose tolerance in adolescents with polycystic ovary syndrome. *J Clin Endocrinol Metab.* 2002 Mar; 87(3):1017-23.
11. Trent ME, Rich M, Austin SB, **Gordon CM**. Quality of life in adolescent girls with polycystic ovary syndrome. *Arch Pediatr Adolesc Med.* 2002 Jun; 156(6):556-60.
12. **Gordon CM**, Goodman E, Emans SJ, Grace E, Becker KA, Rosen CJ, Gundberg CM, Leboff MS. Physiologic regulators of bone turnover in young women with anorexia nervosa. *J Pediatr.* 2002 Jul; 141(1):64-70.
13. **Gordon CM**, Grace E, Emans SJ, Feldman HA, Goodman E, Becker KA, Rosen CJ, Gundberg CM, LeBoff MS. Effects of oral dehydroepiandrosterone on bone density in

- young women with anorexia nervosa: a randomized trial. *J Clin Endocrinol Metab.* 2002 Nov; 87(11):4935-41.
14. Trent ME, Rich M, Austin SB, **Gordon CM**. Fertility concerns and sexual behavior in adolescent girls with polycystic ovary syndrome: implications for quality of life. *J Pediatr Adolesc Gynecol.* 2003 Feb; 16(1):33-7.
  15. **Gordon CM**, DePeter KC, Feldman HA, Grace E, Emans SJ. Prevalence of vitamin D deficiency among healthy adolescents. *Arch Pediatr Adolesc Med.* 2004 Jun; 158(6):531-7.
  16. Trent M, Austin SB, Rich M, **Gordon CM**. Overweight status of adolescent girls with polycystic ovary syndrome: body mass index as mediator of quality of life. *Ambul Pediatr.* 2005 Mar-Apr; 5(2):107-11.
  17. Loud KJ, **Gordon CM**, Micheli LJ, Field AE. Correlates of stress fractures among preadolescent and adolescent girls. *Pediatrics.* 2005 Apr; 115(4):e399-406.
  18. Stoffman N, Schwartz B, Austin SB, Grace E, **Gordon CM**. Influence of bone density results on adolescents with anorexia nervosa. *Int J Eat Disord.* 2005 Apr; 37(3):250-5.
  19. **Gordon CM**, Binello E, LeBoff MS, Wohl ME, Rosen CJ, Colin AA. Relationship between insulin-like growth factor I, dehydroepiandrosterone sulfate and proresorptive cytokines and bone density in cystic fibrosis. *Osteoporos Int.* 2006; 17(5):783-90.
  20. von Scheven E, **Gordon CM**, Wypij D, Wertz M, Gallagher KT, Bachrach L. Variable deficits of bone mineral despite chronic glucocorticoid therapy in pediatric patients with inflammatory diseases: a Glaser Pediatric Research Network study. *J Pediatr Endocrinol Metab.* 2006 Jun; 19(6):821-30.
  21. Pappa HM, **Gordon CM**, Saslowsky TM, Zholudev A, Horr B, Shih MC, Grand RJ. Vitamin D status in children and young adults with inflammatory bowel disease. *Pediatrics.* 2006 Nov; 118(5):1950-61.
  22. Pettinato AA, Loud KJ, Bristol SK, Feldman HA, **Gordon CM**. Effects of nutrition, puberty, and gender on bone ultrasound measurements in adolescents and young adults. *J Adolesc Health.* 2006 Dec; 39(6):828-34.
  23. Fleischman A, Ringelheim J, Feldman HA, **Gordon CM**. Bone mineral status in children with congenital adrenal hyperplasia. *J Pediatr Endocrinol Metab.* 2007 Feb; 20(2):227-35.
  24. DiVasta AD, Ringelheim J, Bristol SK, Feldman HA, **Gordon CM**. Skeletal measurements by quantitative ultrasound in adolescents and young women with anorexia nervosa. *J Pediatr.* 2007 Mar; 150(3):286-90, 290.e1.
  25. Fleischman A, Paltiel H, Chow J, Ringelheim J, **Gordon CM**. Normal ovarian structure and function with normal glucose tolerance in girls with early treatment of classic congenital adrenal hyperplasia. *J Pediatr Adolesc Gynecol.* 2007 Apr; 20(2):67-72.
  26. DiVasta AD, Beck TJ, Petit MA, Feldman HA, LeBoff MS, **Gordon CM**. Bone cross-sectional geometry in adolescents and young women with anorexia nervosa: a hip structural analysis study. *Osteoporos Int.* 2007 Jun; 18(6):797-804. Epub 2007 Jan 5.
  27. Loud KJ, Micheli LJ, Bristol S, Austin SB, **Gordon CM**. Family history predicts stress fracture in active female adolescents. *Pediatrics.* 2007 Aug; 120(2):e364-72. Epub 2007 Jul 16.
  28. DiVasta AD, Laufer MR, **Gordon CM**. Bone density in adolescents treated with a GnRH agonist and add-back therapy for endometriosis. *J Pediatr Adolesc Gynecol.* 2007 Oct; 20(5):293-7

29. **Gordon CM**, Anderson EJ, Herlyn K, Hubbard JL, Pizzo A, Gelbard R, Lapey A, Merkel PA. Nutrient status of adults with cystic fibrosis. *J Am Diet Assoc.* 2007 Dec; 107(12):2114-9.
30. Shaughnessy BF, Feldman HA, Cleveland R, Sonis A, Brown JN, **Gordon CM**. Oral health and bone density in adolescents and young women with anorexia nervosa. *J Clin Pediatr Dent.* 2008; 33(2):87-92.
31. Haagensen AL, Feldman HA, Ringelheim J, **Gordon CM**. Low prevalence of vitamin D deficiency among adolescents with anorexia nervosa. *Osteoporos Int.* 2008 Mar; 19(3):289-94.
32. Austin SB, Ziyadeh NJ, Vohra S, Forman S, **Gordon CM**, Prokop LA, Keliher A, Jacobs D. Irregular menses linked to vomiting in a nonclinical sample: findings from the National Eating Disorders Screening Program in high schools. *J Adolesc Health.* 2008 May;42(5):450-7.
33. **Gordon CM**, Feldman HA, Sinclair L, Williams AL, Kleinman PK, Perez-Rossello J, Cox JE. Prevalence of vitamin D deficiency among healthy infants and toddlers. *Arch Pediatr Adolesc Med.* 2008 Jun;162(6):505-12.
34. **Gordon CM**, Williams AL, Feldman HA, May J, Sinclair L, Vasquez A, Cox JE. Treatment of hypovitaminosis D in infants and toddlers. *J Clin Endocrinol Metab.* 2008 Jul;93(7):2716-21.
35. Fong HF, Divasta AD, Difabio D, Ringelheim J, Jonas MM, Gordon CM. Prevalence and predictors of abnormal liver enzymes in young women with anorexia nervosa. *Pediatr.* 2008 Aug; 153(2):247-53.
36. DiVasta AD, Feldman HA, Quach AE, Balestrino M, **Gordon CM**. The effect of bed rest on bone turnover in young women hospitalized for anorexia nervosa: a pilot study. *J Clin Endocrinol Metab.* 2009 May; 94(5):1650-5.
37. Huh SY, Feldman HA, Cox JE, **Gordon CM**. Prevalence of transient hyperphosphatasemia among healthy infants and toddlers. *Pediatrics.* 2009 Aug; 124(2):703-9.
38. Ecklund K, Vajapeyam S, Feldman HA, Buzney CD, Mulkern RV, Kleinman PK, Rosen CJ, **Gordon CM**. Bone marrow changes in adolescent girls with anorexia nervosa. *J Bone Miner Res.* 2010 Feb; 25(2):298-304.
39. Bechard LJ, Feldman HA, **Gordon CM**, Gura K, Sonis A, Leung K, Venick R, Guinan EC, Duggan C. A multi-center, randomized, controlled trial of parenteral nutrition titrated to resting energy expenditure in children undergoing hematopoietic stem cell transplantation ("PNTREE"): rationale and design. *Contemp Clin Trials.* 2010 Mar; 31(2):157-64.
40. Jacobson DL, Lindsey JC, **Gordon CM**, Moye J, Hardin DS, Mulligan K, Aldrovandi GM; Pediatric AIDS Clinical Trials Group P1045 team. Total body and spinal bone mineral density across Tanner stage in perinatally HIV-infected and uninfected children and youth in PACTG 1045. *AIDS.* 2010 Mar 13; 24(5):687-96.
41. DiVasta AD, Walls CE, Feldman HA, Quach AE, Woods ER, **Gordon CM**, Alexander ME. Malnutrition and hemodynamic status in adolescents hospitalized for anorexia nervosa. *Arch Pediatr Adolesc Med.* 2010 Aug; 164(8):706-13.
42. Gray SH, Ebe LK, Feldman HA, Emans SJ, Osganian SK, **Gordon CM**, Laufer MR. Salivary progesterone levels before menarche: a prospective study of adolescent girls. *J Clin Endocrinol Metab.* 2010 Jul; 95(7):3507-11.

43. Hill KM, McCabe GP, McCabe LD, **Gordon CM**, Abrams SA, Weaver CM. An inflection point of serum 25-hydroxyvitamin D for maximal suppression of parathyroid hormone is not evident from multi-site pooled data in children and adolescents. *J Nutr*. 2010 Nov; 140(11):1983-8.
44. **Gordon CM**, Gordon LB, Snyder BD, Nazarian A, Quinn N, Huh S, Giobbie-Hurder A, Neuberg D, Cleveland R, Kleinman M, Miller DT, Kieran MW. Hutchinson-Gilford progeria is a skeletal dysplasia. *J Bone Miner Res*. 2011 Jul; 26(7):1670-9.
45. Field AE, **Gordon CM**, Pierce LM, Ramappa A, Kocher MS. Prospective study of physical activity and risk of developing a stress fracture among preadolescent and adolescent girls. *Arch Pediatr Adolesc Med*. 2011 Aug; 165(8):723-8
46. Pappa HM, Saslowsky TM, Filip-Dhima R, DiFabio D, Lahsinoui HH, Akkad A, Grand RJ, **Gordon CM**. Efficacy and harms of nasal calcitonin in improving bone density in young patients with inflammatory bowel disease: a randomized, placebo-controlled, double-blind trial. *Am J Gastroenterol*. 2011 Aug; 106(8):1527-43.
47. DiVasta AD, Feldman HA, Brown JN, Giancaterino C, Holick MF, **Gordon CM**. Bioavailability of vitamin D in malnourished adolescents with anorexia nervosa. *J Clin Endocrinol Metab*. 2011 Aug; 96(8):2575-80.
48. Pappa HM, Langereis EJ, Grand RJ, **Gordon CM**. Prevalence and risk factors for hypovitaminosis D in young patients with inflammatory bowel disease. *J Pediatr Gastroenterol Nutr*. 2011 Oct; 53(4):361-4.
49. Pitts SA, Corliss HL, Kharasch SJ, **Gordon CM**. Advance provision of emergency contraception in an urban pediatric emergency department. *J Pediatr Adolesc Gynecol*. 2011 Dec; 24(6):392-6.
50. Perez-Rossello JM, Feldman HA, Kleinman PK, Connolly SA, Fair RA, Myers RM, **Gordon CM**. Rachitic changes, demineralization, and fracture risk in healthy infants and toddlers with vitamin D deficiency. *Radiology*. 2012 Jan; 262(1):234-41
51. Pitts SA, Feldman HA, Dorale A, **Gordon CM**. Bone mineral density, fracture, and vitamin D in adolescents and young women using depot medroxyprogesterone acetate. *J Pediatr Adolesc Gynecol*. 2012 Feb; 25(1):23-6.
52. Sharma TS, Bechard LJ, Feldman HA, Venick R, Gura K, **Gordon CM**, Sonis A, Guinan EC, Duggan C. Effect of titrated parenteral nutrition on body composition after allogeneic hematopoietic stem cell transplantation in children: a double-blind, randomized, multicenter trial. *Am J Clin Nutr*. 2012 Feb; 95(2):342-51.
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## BOOKS AND BOOK CHAPTERS

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18. Swartz LS, **Gordon CM**. Endocrinologic abnormalities in anorexia nervosa. In: Radovick S and MacGillivray M, editors. *Pediatric Endocrinology: A Practical Guide*. Humana (Springer) Press: New York, 2014, 2<sup>nd</sup> edition (in press)
19. Loud KJ, **Gordon CM**. Adolescence: bone disease. In: Walker WA, Watkins JB, and Duggan C, editors. *Nutrition in Pediatric*, Fifth Edition. Hamilton, Ontario: BC Decker, 2013 (in press)
20. Putman MS, Watters K, Rahbar R, **Gordon CM**. Fibrous dysplasia. In: Rahbar R, Rodriguez-Galindo C, Meara JG, Smith ER, Perez-Atayde AR, editors. *Pediatric Head and Neck Tumors*. Humana (Springer) Press: New York, 2014, pp. 139-147.
21. Fleischman A, **Gordon CM**, Neinstein LS. Amenorrhea and the polycystic ovary syndrome. In: **Gordon CM**, Katzman D, Rosen D, Woods ER, Neinstein LS, editors. *Adolescent Health Care: A Practical Guide*. Philadelphia, PA; Lippincott, Williams & Wilkins, 2007. pp. 691-705.
22. Fleischman A, **Gordon CM**, Neinstein LS. Amenorrhea, the polycystic ovary syndrome and hirsutism. In: Neinstein LS, Katzman DK, Callahan , Gordon CM, Jaffe A, Rickert V, editors. *Adolescent Health Care: A Practical Guide*. Philadelphia, PA; Lippincott, Williams & Wilkins, 2015 (in press)
23. Putman MS, **Gordon CM**. Pediatric bone drugs: Calcium and vitamin D. In: Klein GL, editor. *Bone Drugs in Pediatrics: Efficacy and Challenges*. Humana (Springer) Press: New York, 2014, pp. 153-182.
24. Pitts SAB, **Gordon CM**. Indications for DXA in growing patients. In: Fung E, Sawyer A, Bachrach LK., editors. *Bone Health Assessment in Pediatrics: Guidelines for Clinical Practice*, 2nd Edition. Philadelphia, PA: Lippincott, Williams & Wilkins, 2015 (in press).

#### OTHER NON-PEER REVIEWED PUBLICATIONS

##### **Letters to the Editor:**

1. **Gordon CM**, Feldman HA, Cox J. In reply: Vitamin D and rickets beyond America. *Arch Pediatr Adolesc Med* 2008; 162(12): 1194
2. Fong H, DiVasta AD, DiFabio D, Jonas M, **Gordon CM**. In reply: Liver enzymes in children and adolescents with eating disorder. *J Pediatr* 2008; 155(2): 153.
3. Z Harel, Cromer B, DiVasta AD, **Gordon CM**, Pitts S. In reply: Vitamin D in adolescents. *J Adolesc Health*. 2013; 53(4):548-9.
4. Haagensen A, Feldman HA, **Gordon CM**. In reply: Vitamin D deficiency among adolescents with anorexia nervosa *Osteoporos Int* 2015 (in press).

##### **Reviews:**

1. **Gordon CM**, Schauster H. Book review of: *Afraid to Eat: Children and Teens in Weight Crises* (FM Berg. Healthy Weight Publishing Network, 1997). *Nutrition in Clinical Care* 1999; 2: 380-381.

2. **Gordon CM**, Bachrack LK, Carpenter TO, Karsenty G, Rauch F. Bone Health in children and adolescents: a symposium at the annual meeting of the Pediatric Academic Societies/Lawson Wilkins Pediatric Endocrine Society, May 2003. *Curr Prob Pediatr Adolesc Health Care* 2004; 34(6):221-248.
3. Geffner ME, Clarke WL, Fuqua J, **Gordon CM**, Kasa-Vubu JZ, Lee MM, et al. The 2006 annual meeting of the Lawson Wilkins Pediatric Endocrine Society (LWPES), April 29-May 2, San Francisco. *Pediatric Endocrinology Reviews (PER)* 2006; 3:360-367
4. **Gordon CM**. The menstrual cycle and adolescent health. Preface. *Ann N Y Acad Sci*. 2008; 1135:xi- xii.

**Profession educational material or reports material or reports, print or other media:**

1. **Gordon CM**, Emans SJ. A case of amenorrhea. Clinical Cases in Pediatric & Adolescent Gynecology [CD-ROM]. American College of Obstetricians and Gynecologist and North American Society for Pediatric and Adolescent Gynecology, 2008
2. **Gordon CM**. Adolescent growth and pubertal development. Adolescent Medicine Rotation Syllabus, Boston Children's Hospital, 1998, revised 2003, 2008.
3. **Gordon CM**, Holick MF, DiMeglio LA. Vitamin D: Bone Health [Prep Audio Recording]. *American Academy of Pediatrics with Mead Johnson Nutrition*, 2007 – reissued 2010.
4. **Gordon CM**. Low bone density in children. Computerized NetLearning module (distribution for completion by all clinical staff, Boston Children's Hospital), 2011
5. Abrams SA, **Gordon CM**, Carpenter TO. Vitamin D in babies and children [Prep Audio Recording]. *American Academy of Pediatrics*. 2012
6. Golden NH, **Gordon CM**, Bachrach L, Silverberg R. Optimizing bone health in children and adolescent. Speaker, Audio CD, Recording for *Pediatric Update*, 2013; 33.

**Thesis:**

1. **Medical School :**  
**Gordon CM**, Gidwitz S, Jain M, Zimrin A, Poncz M, White GC. Genomic sequence and organization of glycoprotein IIIA. *Fax, A Journal of Student Inquiry* 1990; 5:12-16.
2. **Master's of Science (Clinical Investigation):**  
**Gordon CM**, Grace E, Emans SJ, Goodman E, Crawford M, LeBoff MS. Changes n bone turnover markers and menstrual function after short-term oral DHEA in young women with anorexia nervosa. *J Bone Miner Res* 1999; 14(1):136-145.

CORPORATE AUTHORSHIP OR MULTICENTER TRIALS

NA



## PUBLICATIONS SUBMITTED OR PREPARATION

NA

## ABSTRACTS

**Published Abstracts** (for which manuscripts are either in preparation or submitted; abstracts that were later published as manuscripts are not included):

1. von Scheven E, **Gordon CM**, Wypij D, Chagomerana M, Shepherd J, Wertz M, Bachrach L. The use of bone biomarkers as an endpoint in a pediatric study of alendronate. *J Bone Mineral Res*, 2008, Montreal, Quebec, 2008.
2. Huh S, Rifas-Shiman SL, Litonjua AA, Cargo CA, **Gordon CM**, Feldman HA, Mantzoros CS, Gilman MW, Taveras EM. Maternal-fetal vitamin D status and child adiposity, adipokines and blood pressure, Annual Meeting, The Obesity Society, San Diego, CA, 2010.
3. Stein DR, Baum MA, Feldman HA, Hobbs NM, **Gordon CM**. Vitamin D status in children with myelodysplasia/spina bifida. Poster Presentation, Annual Meeting of Pediatric Academic Societies, Denver, 2011.
4. Huh S, Gillman M, Camargo C, Litonjua A, Rifas S, **Gordon CM**. Maternal-fetal vitamin D status and child bone health. Oral Presentation, Annual Meeting of Pediatric Academic Societies, Boston, 2012.
5. DiVasta AD, Feldman HA, Gallagher JS, Laufer MR, Hornstein MD, Gordon CM. Hormonal add-back therapy for adolescents treated with a GnRH agonist for endometriosis: a randomized trial. Annual meeting of Pediatric Academic Societies, San Diego, 2015.

## SCHOLARLY WORK PUBLISHED IN OTHER MEDIA

NON-PEER –REVIEWED

1. [www.VitaminDForMe.com](http://www.VitaminDForMe.com) – educational video and website, developed with Michael Stone, Tufts University, 2008.

## INVITED PRESENTATIONS

### Local Invited Presentations

- 1995 Endocrinologic Disturbances in Anorexia Nervosa/Lecture, Neuroendocrine Conferences  
Division of Endocrinology, Boston Children's Hospital  
Endocrinologic Replacement Therapies in Pediatric/Adolescent Brain Tumor  
Patients/Longwood Area Endocrine Inter-hospital Rounds

Boston Children's Hospital and Brigham and Women's Hospital

- 1996 Hypothalamic Amenorrhea/ Lecture, Children's Hospital Neuroendocrine Conferences  
Division of Endocrinology, Boston Children's Hospital  
Osteopenia in Patients with Eating Disorders / Lecture, Division Conference,  
Division of Endocrinology, Boston Children's Hospital
- 1997 Effect of Growth Hormone on Bone / Lecture, Children's Hospital Neuroendocrine  
Conference, Division of Endocrinology, Boston Children's Hospital
- 1998 A Case of Delayed Puberty in an Adolescent Boy / Case Presentation, Reproductive  
Endocrine Conference, Division of Adolescent / Young Adult Medicine, Boston  
Children's Hospital
- 1999 Eating Disorders and Osteoporosis / Lecture, Weekly Division Conference  
Division of Nutrition and Metabolic Support, Brigham & Women's Hospital  
A PET Study of Appetitive Function / Lecture, Boston Researchers on Eating Disorders  
Harvard Medical School
- 2000 DHEA as an Anabolic and Antiosteolytic Agent for Bone / Lecture, General Clinical  
Research Center-sponsored Bone Day, Department of Medicine, Boston Children's  
Hospital
- 2001 Bone Health Consideration in Children and Adolescents / Lecture, Pediatric Bone  
Marrow Transplant Rounds, Dana Farber Cancer Institute  
Adolescent Medicine: Menstrual Disorders / Lecture, Office Practice of Primary Care  
Medicine HMS Postgraduate Course, Brigham and Women's Hospital  
New Therapeutic Strategies against Bone Loss in Anorexia Nervosa / Pediatric Grand  
Rounds, Boston Children's Hospital
- 2002 Effect of Nutrition on Bone Accretion during Childhood and Adolescence / Lecture  
Harvard Medical School Nutrition Symposium  
Bone Loss in Patients with Cystic Fibrosis / Lecture, Division Conference,  
Division of Pulmonology, Boston Children's Hospital
- 2003 Malnutrition and Bone Loss in Children / Lecture, Division Conference  
Division of Gastroenterology/ Nutrition Boston Children's Hospital  
Bone Loss in Adolescents with Anorexia Nervosa / Lecture, Inpatient Rounds  
Department of Psychiatry, Boston Children's Hospital

Healthy Bones in Children and Adolescents, Pri-Med Course: Current Clinical Issues in Primary Care, Harvard Medical School

- 2004 Permanent Side Effects of Eating Disorder / Lecture, Restrictive Eating Disorders Conference  
Medical Patient Services and the Division of Adolescent / Young Adult Medicine, Boston Children's Hospital  
Evaluation of Low Bone Mass in Children and Adolescents / Lecture, Division Conference; Division of Rheumatology, Boston Children's Hospital  
Evaluation of Low Bone Mass in Children and Adolescents / Lecture, Division Conference; Division of Nephrology, Boston Children's Hospital  
Evaluation of Low Bone Mass in Children and Adolescents / Lecture, Nursing Conference General Clinical Research Center, Boston Children's Hospital  
Osteoporosis in Children / Lecture, Children's Hospital League (quarterly meeting) Boston Children's Hospital  
Osteoporosis in Children / Pediatric Grand Rounds, Cambridge Hospital  
Vitamin D Deficiency among Adolescents/ Pediatric Grand Rounds, Boston Children's Hospital
- 2005 Bone Loss in Adolescents with Anorexia Nervosa / Lecture  
Division of Adolescent / Young Adult Medicine, Boston Children's Hospital  
Evaluation of Bone Mass in Boston Children's Hospital / Lecture  
Division of Endocrinology, Boston Children's Hospital
- 2006 Evaluation of Bone Mass in Boston Mass in Boston Children's Hospital / Lecture  
Division of Pulmonology, Boston Children's Hospital  
Menstrual Disorders in Adolescents / Lecture, Reproductive Endocrine Conference  
Division of Endocrinology, Boston Children's Hospital  
Bone Health in Girls with Anorexia Nervosa / Lecture  
Division of Sports Medicine, Boston Children's Hospital
- 2007 Evaluation of Low Bone Mass in Children / Lecture  
Division of Rheumatology, Boston Children's Hospital  
Pediatric Bone Health / Lecture, Pediatric Oncology Rounds  
Boston Children's Hospital / Dana Farber Pediatric Oncology Rounds
- 2008 Rickets and Research in the Vitamin D Field / Lecture  
Division of Endocrinology, Boston Children's Hospital  
Exercise and Bone Health / Lecture  
Division of Sports Medicine, Boston Children's Hospital

- Research on Bone Health and Anorexia Nervosa / Lecture  
 Division of Adolescent / Young Adult Medicine, Boston Children's Hospital  
 Bone Loss in Pediatric BMT Recipients / Pediatric Bone Marrow Transplant Program  
 Boston Children's Hospital / Dana Farber Bone Marrow Rounds  
 Assessment of Bone Health Children / Lecture  
 Division of Endocrinology, Boston Children's Hospital  
 Vitamin D Deficiency and Pediatric Obesity / Lecture  
 Optimal Weight for Life Program, Boston Children's Hospital  
 Bone Health in the Female Athlete / Lecture, Annual Marino Lecture Symposium, "The  
 Female Athlete" Division of Sports Medicine, Boston Children's Hospital
- 2009 Vitamin D Deficiency in Pediatric Obesity / Lecture  
 Division of Preventive Cardiology, Boston Children's Hospital  
 Vitamin D Deficiency in Young Children / Lecture, Neonatology Epidemiology  
 Conference; Division of Neonatology, Boston Children's Hospital and Beth Israel  
 Deaconess Hospital  
 Vitamin D Deficiency: Also a Pediatric Problem / Lecture, Harvard School of Public  
 Health, Nutrition Seminar, Harvard School of Public Health  
 Vitamin D Deficiency in Children and Adolescents / Lecture  
 Department of Pediatric, Dedham Medical Associate, Norwood, MA  
 Pediatric Bone Health / Lecture  
 Weston Pediatrics Associates, Weston, MA  
 Vitamin D Deficiency: Effects on Bones and Beyond / Lecture  
 Annual "Bone Day," Boston Children's Hospital, Boston, MA  
 Vitamin D Deficiency in Children and Adolescents / Lecture  
 Martha Eliot Health Center, Jamaica Plain, MA
- 2010 Clinical Research Projects II: Bone Loss in Adolescents with Anorexia Nervosa/ Lecture  
 Division of Adolescent/ Young Adult Medicine, Boston Children's Hospital, Boston, MA  
 Research on Skeletal Losses in Anorexia Nervosa / Lecture  
 Adolescent Medicine Division Eating Disorder Conference / Boston Children's Hospital  
 Assessment of Bone Health and Use of Bisphosphonates in Children and Adolescents /  
 Lecture, Division of Endocrinology, Boston Children's Hospital, Boston, MA
- 2011 Effect of Nutritional Deprivation on Bone in Children and Adolescents / Grand Rounds  
 Boston Children's Hospital & Brigham and Women's Hospital Joint Endocrinology  
 Grand Rounds, Boston, MA  
 Pediatric and Adolescent Bone Health and Vitamin D / Department of Medicine Pediatric  
 Practice Seminar, Boston Children's Hospital, Boston, MA  
 Low Bone Density and Fractures among Inpatients / Grand Rounds

- Boston Children's Hospital Pediatric Grand Rounds, Boston, MA  
 What the PCP Needs to Know about Vitamin D, Current Clinical Issues in Primary Care /  
 Course, Pri-Med East Conference, Boston, MA  
 Bisphosphonates in Pediatrics: Implications for Dental Care / Pediatric Medicine Update  
 Course, America Academy of Pediatric Dentistry, Boston, MA  
 Vitamin D Deficiency in Children and Adolescents / Endocrinology Grand Rounds
- 2012 Pediatric Bone Health/ Pediatric Grand Rounds  
 Boston University School of Medicine, Boston, MA  
 Bone Loss in Adolescents with Anorexia Nervosa / Lecture  
 Annual Meeting, Massachusetts Eating Disorder Association, Dedham, MA  
 Bone Loss in Adolescents with Anorexia Nervosa / Lecture  
 Hasbro Partial Hospital Program, Providence, RI  
 Bone Loss in Children and Adolescents: Not Too Hot, Not Too Cold / Lecture  
 Pediatric Grand Rounds, Hasbro Children's Hospital and Brown University
- 2013 Bone Loss in Adolescents with Eating Disorders/ Lecture  
 Noon Conference Series, Hasbro Children's / Brown Pediatrics Residency Program  
 Oral Contraceptives, Thrombotic Risk, and Bone Health / Lecture  
 Pediatric / Adult Endocrine Grand Rounds, Rhode Island Hospital and Alpert Medical  
 School of Brown University  
 Expert Panelist, Think Tank on Adolescent Health, Brown Department of Family  
 Medicine and Rhode Island Department of Health  
 Designing Research with Biomedical Outcomes / Lectures  
 Fellows' Introductory Clinical Research Course, Hasbro Children's Hospital  
 Bone Loss in Underweight Adolescents with Eating Disorders / Lecture  
 Orthopedic Research Weekly Seminar, University Orthopedics and Brown Department of  
 Orthopedics  
 Discussion with Medical Students – A Career in Pediatrics / Panelist Alpert Medical  
 School
- 2014 Bone Loss in Adolescent with Eating Disorders / Lecture, Research Colloquium, Brown  
 Department of Pediatrics  
 Vitamin D Deficiency in Children and Adolescents / Lecture,  
 GI and Neonatology Summit, Hasbro Children's Hospital, Women and Infants' Hospital  
 and Brown Department of Pediatrics  
 Menstrual Disorders in Adolescents / Lecture  
 Pediatric Residents' Noontime Lunch Series, Hasbro Children's Hospital  
 Menstrual Disorders / Lecture, Waterman Pediatrics, East Providence, RI  
 Vitamin D Deficiency / Lecture, Providence Pediatrics, Providence, RI

Strategies for Thriving and Moving Your Research Forward / Panelist,  
 Symposium – Promoting Advancement, Diversity and Collaboration in Medicine and  
 Science, Office of Women in Medicine and Science, Alpert/Brown Medical School  
 Vitamin D Deficiency among Children and Adolescents / Lecture  
 Monthly Perinatal Conference, Women and Infants' Hospital, Providence RI  
 Clinical Research and Career Paths for Faculty / Lecture  
 Fellows' Introductory Clinical Research Course, Hasbro Children's Hospital  
 Menstrual Disorders / Lecture, Riverside Pediatrics, East Providence, RI  
 Provide and Patient Dialogue / Interview  
 Women's Health Council of RI, Fall Meeting – Women and Body Image: Reclaiming,  
 Recovering, Providence, RI  
 New Pediatric Bone Health Guidelines: What Do They Mean for Clinical Practice?  
 Endocrine Grand Rounds/Lecture/RI Hospital and Alpert Brown Medical School

### **Report of Regional, National and International Invited Teaching Presentations**

#### **Regional**

- 1998 Is Osteoporosis a Pediatric Issue? / Osteoporosis Awareness Week Speaker  
 Osteoporosis Awareness Program, Massachusetts Department of Public Health, Boston,  
 MA  
 Assessment and Management of Delayed Puberty/ Lecturer  
 Northeast Regional Nurse Practitioner Conference, Manchester, NH
- 1999 The Female Athlete Triad Leader / Workshop Leader  
 New England Regional Chapter of Society for Adolescent Medicine, Boxborough, MA
- 2000 Assessment and Treatment of Amenorrhea and Osteoporosis in Eating Disorder Patients /  
 Lecturer Multi-service Eating Disorder Association Annual Conference, Dedham, MA  
 Annual Conference, Massachusetts Eating Disorder Association, Dedham, MA  
 The Female Athlete Triad / Lecturer  
 Massachusetts Governor's Committee on Physical Fitness and Sports, Women's Health  
 Fitness Summit 2000, Boston, MA  
 DHEA as an Anabolic and Antiosteolytic Agent for Bone / Lecturer (one of five alumni  
 fellows invited to present research)  
 Medical Symposium: Celebration of Eight Years of the Clinical Investigator Training  
 Program, MIT/ Whitehead Institute, Cambridge, MA
- 2001 Bone Loss in Young Female Athletes / State House Speaker for Osteoporosis Awareness  
 Week, Osteoporosis Awareness Program, Massachusetts Department of Public Health,  
 Boston, MA

- 2002 Effects of Nutrition of Bone Accretion and Development in Child hood / Lecturer  
Harvard Clinical Nutrition Research Center, Cambridge, MA  
Bone Health in Children and Adolescent / Lecturer  
American Academy of Pediatrics Annual Meeting, Boston, MA
- 2003 Pediatric Bone Health / Pediatric Grand Rounds, Mt. Auburn Hospital, Cambridge, MA  
Hypocalcemia in Adolescents / Lecturer, New England Bone Club, York, ME
- 2004 Skeletal Consideration in the Adolescent Patient with Anorexia / Endocrine Grand  
Rounds; Brown University / Rhode Island Hospital, Providence, RI  
Oral Contraceptives and Bone Health / Meet the Professor Luncheon: Hot Topic in  
Adolescents: Focus on Reproductive Health  
New England Regional Society for Adolescent Medicine Meeting, Sturbridge, MA  
Bone Density Issues in Adolescent with Cystic Fibrosis / Lecturer  
New England Bone Club, Prout's Neck, ME
- 2005 Secondary Causes of Bone Loss in Children / Keynote speaker, Pediatric Grand Rounds,  
Skeletal Health Day, Connecticut Children's Hospital, Hartford, CT  
Bone Loss in Young Women with Anorexia Nervosa / Lecturer,  
New England Regional Society for Adolescent Medicine Fall Conference, Sturbridge,  
MA  
A Child with Seizures and Fractures / Lecturer , New England Bone Club, Prout's Neck,  
ME  
Osteoporosis in Children / Lecturer, Massachusetts Pediatric Nutrition Practice Group,  
Boston, MA  
Osteoporosis in Children / Pediatric Grand Rounds, Cape Cod Hospital, Hyannis, MA
- 2006 Menstrual Disorders in Adolescents/ Meet the Professor Session  
The Endocrine Society Annual Meeting, Boston, MA  
Bone Loss in Adolescents with Anorexia Nervosa / Pediatric Grand Rounds  
University of Massachusetts Medical School, Worcester, MA
- 2007 Bone Loss in Adolescents with Anorexia Nervosa / Endocrine Scholar Lecture Series  
University of Connecticut Health Center, Farmington CT
- 2008 Vitamin D: A Pediatric Perspective / Plenary Speaker, Annual Rhode Island Hospital  
Nutrition Symposium – Nutrition Topics throughout the Life Cycle, Providence, RI  
The Female Athlete Triad / Distinguished Lecture Series, Department of Sports  
Medicine, Northeastern University, Boston MA

- Bone Health from 0-21 / Invited Lecturer, American Academy of Pediatrics Annual Meeting, Boston, MA  
 The Female Athlete Triad / Orthopedic Grand Rounds, University of Massachusetts School of Medicine, Worcester, MA
- 2009 Bone Loss in Young Women with Anorexia Nervosa / Lecturer  
 Multi-Service Eating Disorder Association Annual Conference, Newton, MA
- 2010 Pediatric Bone Health and Vitamin D / Presentation  
 Pediatrics Department, Harvard Vanguard Medical Associates, Burlington, MA  
 Therapeutic Strategies to Counter Bone Loss in Anorexia Nervosa: New Insights / Endocrine Grand Rounds  
 Alpert Medical School of Brown University, Hallett Center for Diabetes and Endocrinology, Rhode Island Hospital, Providence, RI  
 Vitamin D Deficiency in Children and Adolescent / Pediatric Grand Rounds  
 St. Elizabeth's Hospital, Brighton, MA  
 Counseling Families on Bone Health and Vitamin D /Lecture  
 Advances in Pediatric Health Care Conference, Norwood, MA
- 2011 Pediatric Bone Health / Presentation  
 New England American College of Sports Medicine Annual Conference, Providence, RI
- 2012 Nutrition and Bone Health: Not Too Hot, Not Too Cold / Plenary Lecture  
 Boston Children's Hospital, Annual Bone Day, Boston, MA
- 2013 Lessons Learned from Pediatric Models of Malnutrition  
 Clinical Research Center Grand Rounds, Boston Children's Hospital, Boston, MA  
 Pediatric Densitometry / Invited Lecture  
 Weekly Calcium Rounds, Endocrine Unit, Massachusetts General Hospital, Boston, Ma  
 Prevention of the Female Athlete Triad, Presenter an Panelist, Micheli Lecture Symposium; Division of Sports Medicine, Boston Children's Hospital and Harvard Medical School, Boston, MA  
 Pediatric and Adolescent Bone Health: End of Year Updates. Endocrine Grand Rounds, Boston Children's Hospital and Brigham and Women's Hospital, Boston, MA
- National**
- 1996 Primary Hypothyroidism presenting as vaginal bleeding in a premenarchal girl/Platform Presentation, North American Society of Adolescent and Pediatric Gynecology Annual Meeting, San Diego, CA



- 1997 Polycystic Ovary Syndrome in Adolescent / Co-Leader, Workshop  
Society for Adolescent Medicine Annual Meeting, San Francisco, CA  
Multiple Endocrine Neoplasia Type 2B Co-Leader, “Meet the Professor” Session  
The Endocrine Society Annual Meeting, Minneapolis, MN
- 1998 The Female Athlete Triad: Managing Amenorrhea, Osteopenia and Disordered Eating /  
Workshop Co- Leader, North American Society for Pediatric and Adolescent  
Gynecology, West Palm Beach, FL
- 1999 Bone Issues during Adolescence / Workshop Leader, Annual Meeting, North American  
Society for Pediatric and Adolescent Gynecology, New Orleans, LA  
Is Osteoporosis a Pediatric Issue? / Lecturer, Pediatric Grand Rounds  
Duke University Medical Center, Durham, NC
- 2000 Delayed Puberty – Too Little, Too Late/ Workshop Leader  
North American Society for Pediatric and Adolescent Gynecology Annual Meeting,  
Atlanta
- 2002 Physiologic Regulations of Bone Turnover in Anorexia Nervosa / Lecturer  
Society for Adolescent Medicine Annual Meeting, Boston, MA
- 2003 PCOS: New Insight into Etiology and Treatment / A Current Review of Pediatric  
Endocrinology, Sero Symposia International Seattle, WA  
Prevalence of Vitamin D Deficiency among Healthy Adolescents / Platform Presentation  
Annual Meeting of the Endocrine Society, Philadelphia, PA
- 2004 Amenorrhea and Bone Health / Lecturer, Annual meeting of the Society for Adolescent  
Medicine, St, Louis, MO  
Osteopenia in Adolescent Girls / Lecturer, Annual meeting of the North American  
Society for Pediatric and Adolescent Gynecology, San Diego, CA  
Building Healthy Bones in Children and Adolescents / Pediatric Grand Rounds  
University of Missouri, Columbus, MO
- 2005 Menstrual Disorders / A Current Review of Pediatric Endocrinology  
Sero Symposia International, San Diego, CA  
Bone Disease in Young Women with Anorexia Nervosa / Plenary Presentation  
American Society for Bone and Mineral Research Annual Meeting, Nashville, TN

- 2006 Effect of Malnutrition of Bone Density in Teens: Anorexia Nervosa and Vitamin D Deficiency / Nutrition Seminar Series, Children's Hospital of Philadelphia, Philadelphia, PA  
Effects of Hypoestrogenism of Bone: Anorexia Nervosa and Depo Provera / Annual Bone Day Speaker, University of Cincinnati School of Medicine, Cincinnati, OH  
Hot Topic in Bone Health / Keynote Address, Annual Meeting of North American Society of Pediatric and Adolescent Gynecology, Orlando, FL
- 2007 Vitamin D and Bone Health in Children / Invited Lecturer / Teacher  
Annual Clinical Advances in Pediatrics Symposium, Kansas City, MO  
Bonning Up – Hot Topic / Invited Lecturer / Teacher, Adolescent Medicine Prep  
The American Academy of Pediatrics, Savannah, GA
- 2008 Vitamin D and Bone Health Adolescents / Interest Group on Bone Health  
Society for Adolescent Medicine Annual Meeting, Greensboro, NC  
Bone and Calcium Issues in Children with Galactosemia / Lecturer  
Annual Meeting, Parents of Galactosemia Children, Inc, Chicago IL  
Galactosemia: A Translational Approach / Invited Lecturer at NICHD-sponsored conference, Orphan Mechanisms of Primary Ovarian Insufficiency: Passion for Participatory Research, Potomac, MD  
Bone Health: It's Not Just for Adults Anymore; The Problem with Periods: Polycystic Ovary Syndrome and Dysfunctional Uterine Bleeding / Symposium: Current Pediatrics – Controversies and Solutions, University of Iowa Children's Hospital, Iowa City, IA
- 2009 Management of Bone Disorders in Children and Adolescents; Advanced Care of Vitamin D Deficiency / Lecture, Miami Children's Hospital Pediatric Post graduate Course, Miami, FL  
What Do We Need to Know? Highlight from the 2007 Pediatric Position Development Conference / Position Development Conference 2010, International Society for Clinical Densitometry Annual Meeting, Orlando FL  
Adolescent Bone Health / Health workshop, Society for Adolescent Medicine Annual Meeting, Los Angeles, CA  
Adolescent Bone Health / Invited Lecture, National Osteoporosis Foundation Annual Meeting, Washington, DC  
Contraception across the Lifespan / Invited workshop, The Endocrine Society Annual Meeting, Washington, DC  
Reporting of Pediatric Bone Densitometry Results / Lecturer, ISCD Pediatric Bone Density Course, Denver, CO  
Pediatric Bone Health / Pediatric Grand Rounds, New York University, New York City

- 2010 Treatment Recommendation for Children with Lactose Intolerance / NIH Lactose Intolerance Consensus Conference, NIH, Bethesda, MD  
 Bone Health in Adolescent Girls / Key note speaker; Challenging Cases in Bone Health / Invited Workshop; Sports Medicine for the Young Athlete, 9<sup>th</sup> Annual Symposium Hospital for Special Surgery, Weill-Cornell Medical College, New York, NY  
 Growth Bone Health and Endocrine Aspects of Progeria / Plenary Talk  
 The Progeria Research Foundation 10<sup>th</sup> Anniversary Workshop on Progeria “From Bench Bedside in a Decade,” Boston, MA  
 Bone Health and the Female Athlete / Pediatric Grand Rounds; Therapeutic Strategies to Prevent Bone Loss in Anorexia Nervosa / Endocrine Grand Rounds; Getting Started in Research / Medical Scientist Training Program; Bone Loss in Anorexia Nervosa and after Depo Provera / Monthly LEAH lecture, Riley Hospital, Indiana University School of Medicine, Indianapolis, IN  
 Bone Health and Pediatrician: Bones R Us / Keynote Address; Optimizing Bone Health in Children and Adolescents Course; New Therapeutic Strategies to Counter Bone Loss in Anorexia Nervosa / Invited Lecture; Weekly Research Symposium  
 The Center of Bone Health, Division of Endocrinology, The Children’s Hospital of Philadelphia, Philadelphia, PA  
 Contraception in Adolescents / Meet the Professor session, Annual Meeting of the Endocrine Society, San Diego, CA  
 Acquisition of Bone Density Data in Children / Invited Lecture, Annual Meeting, International Society for Clinical Densitometry / National Osteoporosis Foundation Meeting, San Antonio, TX
- 2011 Bone Loss in Adolescent Girls with Anorexia / Pediatric Grand Rounds;  
 Vitamin D Deficiency in Children and Adolescent / Pediatric Resident Rounds  
 University of California, San Diego, CA  
 Pediatric Bone Health / Pediatric Care Online Webinar, American Academy of Pediatrics  
 Effects of Nutrition Deprivation on Bone (Pediatrics and Anorexia Nervosa) / Lecture  
 ASBMR/NIH Forum on Aging and Skeletal Health, Bethesda, MD  
 Solving the Impossible Research Question / Workshop on Mentoring  
 Annual Meeting of the Society for Adolescent Health and Medicine, Seattle, WA  
 Bone Health and Adolescence – Clinical Dilemmas for the Pediatrician / Workshop  
 PAS/SPR Annual Joint Meeting, Denver, CO  
 Evaluation, Treatment & Prevention of Vitamin D Deficiency: An Endocrine Society  
 Clinical Proactive Guideline / Participant, Panel Discussion, Annual Meeting of the  
 Endocrine Society, Boston, MA  
 Reporting Pediatric Densitometry Results / Invited Lecture, ISCD Pediatric Bone Density  
 Course, Annual Meeting, International Society for Clinical Densitometry / National  
 Osteoporosis Foundation Meeting, Miami, FL

- Child and Adolescent Bone Health; Risk Groups / Invited Lecture, 9<sup>th</sup> International Symposium on Osteoporosis: Translating Research into Clinical Practice Annual Meeting, National Osteoporosis Foundation, Las Vegas, NV
- Vitamin D and Children / Invited Plenary Talk, Annual Meeting, American Society for Bone and Mineral Research, San Diego, CA
- Vitamin D: New Role, New Doses – Do Children and Teens Need More? / Meet the Expert Session, Use It or Lose It: Bone Health Advisory for the Adolescent / Invited Workshop, Annual Meeting of the American Academy of Pediatrics, Boston, MA
- 2012 Treatment of Low Bone Density / Review Course, Pediatric Endocrine Society, Boston, MA
- Screening and Intervention Strategies for the Prevention of Vitamin D Deficiency / Invited Lecture, Annual Meeting of the Pediatric Academic Societies, Boston, MA
- Advancing Adolescent Health by Enhancing the Research Careers of Interdisciplinary Fellows and Junior Faculty / Invited Research and Mentoring Forum, Society for Adolescent Health and Medicine (SAHM) Annual Meeting, New Orleans, LA
- Oral Contraceptives and Thrombotic Risk / Invited Plenary Talk, Annual Meeting of the Endocrine Society, Houston, TX
- The Female Athlete Triad, Eating Disorder and Low Bone Mass / Meet the Professor Session, Annual Meeting of the ASBMR, Minneapolis, MN
- Adolescent Contraception: Thrombotic Risks and Bone Health / Pediatric Endocrine Rounds, Morgan Stanley Children’s Hospital Columbia University, New York, NY
- Reporting Bone Densitometry Results in Children / Invited Lecture
- Chronic Disease and Bone Loss / Invited Lecture
- ISCD Pediatric Bone Density Course, Chicago, IL
- 2013 Bone Loss in Adolescents with Anorexia Nervosa, Pediatric Grand Rounds, Children’s Hospital at Montefiore, Department of Pediatrics, Albert Einstein School of Medicine, New York, NY
- Bone Loss in Adolescent with Anorexia Nervosa, Oral Presentation, Weekly Conference, Developmental Endocrinology Branch, The Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), Bethesda, MD
- Pursuing an Academic Career in Adolescent Medicine – How to Be Successful / Lecture Division of Adolescent Medicine, Stanford University School of Medicine, Palo Alto, CA
- Bone Health in Children and Adolescents / Pediatric Grand Rounds, Stanford University School of Medicine, Palo Alto, CA
- Pediatric Densitometry: Who to Evaluate and Why / Meet the Profession Session, Annual Meeting, International Society for Clinical Densitometry, Tampa, FL

Developing the Habit of Creativity. SAHM Research and Mentoring Forum – Co-Chair and Panelist, SAHM Annual Meeting, Atlanta, GA  
Growth, Bone Health and Endocrine Aspects of Progeria, and Effect of FTI Treatment on Bone / Invited Speaker, The Progeria Research Foundation Scientific Workshop, Bethesda, MD

- 2014 ISCD Pediatric Positions: A Case Based Application of the 2013 Positions  
Plenary Lecture, Annual Meeting, International Society for Clinical Densitometry, Orlando, FL  
Eating Disorders in Adolescents: Skeletal Complications  
Pediatric Biomedical and Translational Research Series / Invited Lecture  
Department of Pediatrics, University of Rochester, Rochester, NY  
Vitamin D and Pediatrics: What's New? / Invited Lecture  
Division of Pediatric Endocrinology, Weill/Cornell Medical School, New York, NY
- 2015 Developing a Pipeline for Physician-Scientists within a Pediatrics Department  
AMSPDC Annual Meeting, Newport Beach, CA  
Pediatric Bone Disease in Children and Survivors to Adulthood  
Sante Fe Bone Symposium, Osteoporosis of New Mexico, Albuquerque, NM (invited)

### **International**

- 2000 DHEA as an Anabolic and Antiosteolytic Agent for Bone / Pediatric Bone and Mineral / Invited Lecture  
Working Group, American Society for Bone and Mineral Research, Toronto, Ontario
- 2005 Metabolic Bone Disease in Children / Invited Lecture  
Joint Meeting of Hellenic Endocrine Society and American College of Clinical Endocrinology, Nafplion Greece
- 2006 Bone Loss in Adolescents with Anorexia Nervosa / Invited Lecture  
Sixth International Symposium on Nutritional Aspects of Osteoporosis, Lausanne-Ouchy, Switzerland
- 2007 Reporting of Densitometry Result in Children / Invited Lecture  
Position Development Conference for International Society for Clinical Densitometry, Montreal  
Vitamin D: What is the Optimal Level in Children? / Invited Lecture  
International Conference on Pediatric Bone Health, Montreal  
Menstrual Disorders / Invited Lecture  
A Current Review of Pediatric Endocrinology, BioSymposia, Toronto

- 2009 Bone Loss in Pediatric Populations / Invited Lecture  
West of Ireland Bone Club, National University of Ireland, Galway  
Bone Loss in Adolescent Girls with Anorexia Nervosa  
Visiting Professor –Gynecology and Pediatric, Gynecology Grand Rounds  
Queen’s University, Kingston, Ontario
- 2010 The Great Debate About Bone Mineral Density: Do You Have a Bone to Pick? / Invited Plenary Talk; Vitamin D: Is it Responsible for All Adolescent Problems? / Invited Hot Topics Discussion Leader; Gray Skies are Gonna Clear Up, But Still Take Your Vitamin D! / Invited Workshop Leader  
Society for Adolescent Health and Medicine Annual Meeting, Toronto, Ontario, Canada  
Menstrual Disorders in Adolescent: Approach to Diagnosis and Treatment / Lecture  
Annual Meeting, Pediatric Academic Societies, Vancouver, BC, Canada  
Menstrual Disorders in Eating Disorders and their Long-term Consequences / Invited Plenary Talk  
Annual Meeting, Academy for Eating Disorders, Salzburg, Austria
- 2011 The Management of Bone Fragility / Low Bone Mass in Children and Adolescents  
International Bone and Mineral Society BoneKey Webinar, Boston, MA
- 2012 Body Weight and Bone Metabolism / Invited Lecture  
9<sup>th</sup> Panhellenic Congress on Obesity, Athens, Greece
- 2013 Effect of Nutrition, Vitamin D and Activity on Bone Health / Invited Lecture  
International Conference on Children’s Bone Health, Rotterdam, the Netherlands  
Contraceptive Options for Adolescents with PCOS / Invited Lecture  
Symposium on Hyperinsulinemic Androgen Excess in Adolescents (“PCOS”), Pediatric and Adolescent Gynecology Working Group of the European Society for Pediatric Endocrinology (ESPE), Milan, Italy  
Thrombotic Risk and Hormonal Contraceptive; Bone Loss in Adolescents with Anorexia Nervosa; Endocrinological Impact of High Performance Sports in Adolescents / Lectures  
Annual Chilean Congress of Endocrinology and Diabetes, Viña del Mar, Chile
- 2014 Hormone Replacement Therapy for Adolescents / Invited Lecture  
European Society for Pediatric Endocrinology, Dublin, Ireland
- 2015 Bone Health in Children and Adolescents / Invited Lecture  
Trends in Endocrinology Conference, Berlin, Germany (invited)

## GRANTS

## **Report of Funded and Unfunded Projects**

### **Past**

- 1997-1998 Use of DHEA to Prevent Osteoporosis in Patients with Eating Disorder (Gordon)  
National Osteoporosis Foundation / Mazess Research Grant  
Principal Investigator
- 1998-1999 Effect of DHEA on Bone Mass in Young Women with Anorexia Nervosa  
(Gordon) Research Faculty Council Grant, Boston Children's Hospital  
Principal Investigator  
To explore the longitudinal effect of oral DHEA on bone turnover and bone density in anorexia nervosa.
- 1998-2004 Use of DHEA to Prevent Bone Loss in Young Women with Anorexia Nervosa  
and Young Adults with Cystic Fibrosis (Gordon/Mandell)  
NIH/NCRR/Clinical Associate Physician Award (CAP) K23 M01 RR2172  
Co-Principal Investigator
- 1998-2004 Effects of DHEA on Bone in Young Adults (LeBoff)  
Department of Defense/DAMD17-98-1-8516  
Site PI (subcontract)
- 2001-2003 Vitamin D Screening Adolescents (Gordon)  
Charles H. Hood Foundation  
Principal Investigator  
To determine the prevalence of vitamin D deficiency among healthy adolescents.
- 2001-2003 Vitamin D Screening in Healthy Adolescents (Gordon)  
Mary A. and John M. McCarthy Family Foundation Award  
Principal Investigator  
To determine the prevalence of vitamin D deficiency among healthy adolescents
- 2001-2005 Double Blinded Trial of Alendronate in Children with Steroid-Induced  
Osteoporosis (Gordon)  
Elizabeth Glaser Pediatric Network  
Site Principal Investigator  
Multi-center trial testing the effect of alendronate on BMD in children and adolescents receiving glucocorticoid therapy for inflammatory diseases.
- 2003-2004 Ultrasound Screening in Adolescents (Gordon)  
Mary A. and John M McCarthy Foundation  
Principal Investigator  
To examine predictor of stress fractures in female adolescent athletes
- 2003-2004 Predictors of Stress Fracture in Female Adolescent Athletes (Gordon)  
Mary A and John M. McCarthy Foundation  
Principal Investigator  
To examine predictors of stress fractures in female adolescent athletes.
- 2003-2006 Predicators of Stress Fracture in Adolescent Girls (Loud/Gordon)

- Massachusetts Vitamin Litigation Grant  
Principal Investigator  
To examine predictors of stress fractures in female adolescent athletes
- 2005-2006 Effect of Bed Rest on Bone Turnover and Cardiac Function in Anorexia Nervosa (Gordon)  
Mary A and John M. McCarthy Foundation  
Principal Investigator  
To investigate the effect of bed rest on adolescent girls with bradycardia hospitalized for anorexia nervosa
- 2005-2007 Vitamin D Deficiency and Rickets among Healthy Infants and Toddler (Gordon)  
Allen Foundation  
Principal Investigator  
To examine the prevalence and predictors of vitamin D deficiency and rickets in otherwise healthy young children
- 2006-2007 Prevalence of Vitamin D Deficiency and Rickets among Healthy Infants and Toddlers (Gordon)  
Mary A. and John M. McCarthy Foundation  
Principal Investigator  
To examine the prevalence and predictors of vitamin D deficiency and rickets in otherwise healthy young children.
- 2008-2009 Vitamin D Supplementation in Healthy Adolescents (Gordon)  
Mary A. and John M. McCarthy Foundation  
Principal Investigator  
To identify the appropriate vitamin D supplementation dose for healthy adolescents.
- 2007-2010 Clinical Trial of Famesyltransferase in Children with Progeria (L. Gordon/Kiernan)  
Progeria Research Foundation  
Co-Investigator  
To test the effect of famesyltransferase on weight gain, bone density, insulin resistance, and other health outcomes in children with progeria.
- 2009-2011 Maternal-Fetal Vitamin D Status and Child Adiposity, Insulin Resistance, and Blood Pressure (Huh)  
NIH/NIDDK421 DK082661)  
Co- Investigator  
The goals of this study are to examine the extent to which maternal and fetal vitamin D status are associated with the development of childhood adiposity, insulin, resistance, and blood pressure.
- 2004-2011 Effect of Adrenal and Gonadal Hormone Replacement in Young Women with Anorexia Nervosa (Gordon)



- NIH/NICHD R01 HDO43869  
Principal Investigator  
To investigate the effects of combined therapy with DHEA and estrogen on bone density and hip cross sectional geometry in young women with anorexia nervosa
- 2009-2011 Phase II Trial of Lonafarnib, Pravastatin and Zoledronic Acid in Progeria (Kieran; subcontract to Kleinman)  
NIH/NHLBIRC2HL101631  
Co-Investigator  
To test the safety and efficacy of triple therapy with lona famib, pravastatin and zoledronic acid and bone, the cardiovascular system, among other tissues.
- 2010-2012 Low-glycemic Load vs. Low-fat Diet for Treating PCOS in Obese Adolescents  
Thrasher Research Fund (Ebbeling)  
Co-Investigator  
To investigate the effect of a low glycemic intervention in obese adolescents with PCOS on body composition and hormonal profiles.
- 2013 Pediatric Position Development Conference  
Crohn's and Colitis Foundation of America (Gordon)  
Principal Investigator  
Received funding to convene panel of international experts and host conference  
To develop official positions regarding pediatric densitometry.
- Current**
- 2014-2015 Building Adolescent Medical Homes (Gordon)  
RI Foundation  
Site PI (\$2,000)  
To evaluate patient and family satisfaction among 5 primary care health centers in RI that endorse the concept of a family-centered medical home.
- 2008-2014 Optimizing of Vitamin D Status and Its Effect on Bone Health of Youth with IBD (Pappa)  
NIH/NIDDK K23 DK076979  
Co-Mentor  
To evaluate safety and efficacy of vitamin D supplementation and treatment regimens to prevent or treat vitamin D deficiency in children and adolescents with inflammatory bowel disease
- 2009-2014 Biomechanical Stimulation & Skeletal Health in Adolescents with Anorexia Nervosa (DiVasta)  
NIH/NICDH K23 HD06006  
Mentor  
To determine the short-term effects of flow magnitude mechanical stimulation on bone turnover on underweight adolescents hospitalized for anorexia nervosa, and long-term effects on bone strength and geometry

- 2011-2015 Effect of Adrenal and Gonadal Hormones on Bone Marrow and Appendicular BMD NIH/NIAMS R01 AR060829 (\$921,264)  
Principal Investigator  
To evaluate the effect of combine therapy with dehydroepiandrosterone and estrogen/progestin on appendicular bone density and marrow composition in adolescent girls with anorexia nervosa.
- 2010-2014 NIH R01HL106160 (Sacheck)  
Co- Investigator (subcontract)  
To examine the effect of various vitamin D dosages on circulating vitamin D as well as on cardiometabolic risk factors in children
- 2011-2015 Short-term Training in Pediatrics for Medical Students (Gordon)  
NIH/NICHHD T35 HD007446  
Principal Investigator (\$580,500)  
To encourage medical students pursuit of careers in pediatric research through funded training experiences after their first year of medical school
- 2012-2015 An Open Label Phase II Trial of Zoledronic Acid, Pravastatin and Lonafamib (SCH6636) for Patients with Hutchinson-Gilford Progeria Syndrome (HGPS) and Progeroid Laminopathies  
Progeria Research Fund (Kleinman)  
Co-Investigator (subcontract)  
Clinical trial for children with the rare disease Hutchinson-Gilford Progeria Syndrome
- 2012-2016 Adolescent Medicine Trials Network for HIV/AIDS Interventions (ATN)  
Coordination Center  
NIH/NICHHD5-U01-HD040533 (Wilson)  
Co-Investigator (subcontract)  
To conduct research, both independently and collaboratively, in HIV-infected and HIV-at-risk pre-adolescents, adolescents, and young adults up to the age of 25

#### UNIVERSITY TEACHING ROLES

##### **Teaching of Students in Courses**

2002, 2005	Eating Disorders in Adolescents	Principles of Nutrition Course, Harvard School of Public Health
2009	Pediatric Bone Health	Epidemiology of Childhood/ Young Adult Disorders and Disease Course, Harvard School of Public Health
	MPH students	One lecture / semester
	MPH students	2 hour lecture
2009	Nutrition and Eating Disorders	Principle of Nutrition Course, Harvard

		School of Public Health
	MPH students	2 hour lecture
2009, 2011	Pediatric Bone Health	Epidemiology Disorder and Diseases of Childhood and Young Adulthood, Harvard School of Public Health
	MPH students	1 hour lecture
2010	Bone Loss Adolescents with Eating Disorders	Principles of Nutrition Course, Harvard School of Public Health
	MPH students	2 hour lecture
2010	Bone Loss in Adolescent with Anorexia Nervosa	Human Development II, Emmanuel College, Boston, MA
	Undergraduate students	1.5 hour lecture
2011	Bone Loss in Adolescents with Eating Disorders	Principles of Nutrition Course, Harvard School of Public Health
	MPH students	2 hour lecture

### Major Curriculum Offerings

2000-2011	Founder and Faculty Organizer, Boston Children’s Hospital “Bone Day” (annual scientific symposium to highlight research of relevance to pediatric bone health)
2005	Faculty Course Co-Director, “Skeletal Health across the Ages” (CME event sponsored by Boston Children’s Hospital and Brigham and Women’s Hospital)

### Formal Teaching of Peer (e.g. CME and other continuing education courses)

1996	Round Table on Precocious Puberty	Lecture
	Pediatric & Adolescent Gynecology, Harvard Medical School	Boston, MA
	Workshop on Delayed Puberty	Lecture
	Pediatric & Adolescent Gynecology Harvard Medical School	Boston, MA
1997	Workshop on Delayed Puberty	Lecture
	Adolescent Medicine, Harvard Medical School	Boston, MA
	Workshop on Delayed Puberty	Lecture
	Pediatric & Adolescent Gynecology Harvard Medical School	Boston, MA
1998	Workshop on Menstrual Disorders	Lecture
	Adolescent Medicine, Harvard Medical School	Boston, MA
	Round Table on Menstrual Disorder	Lecture
	Adolescent Medicine, Harvard Medical	

	School	Boston, MA
	Workshop on Delayed Puberty	Lecture
	Pediatric & Adolescent Gynecology, Harvard Medical School	Boston, MA
1999	Round Table on Osteoporosis	Lecture
	Adolescent Medicine, Harvard Medical School	Boston, MA
	Workshop on Delayed Puberty	Lecture
	Adolescent Medicine, Harvard Medical School	Boston, MA
2000	Workshop on Delayed Puberty	Lecture
	Adolescent Medicine, Harvard Medical School	Boston, MA
	Round Table on Osteoporosis	Lecture
	Pediatric & Adolescent Gynecology, Harvard Medical School	Boston, MA
	Round Table on Osteoporosis	Lecture
	Adolescent Medicine, Harvard Medical School	Boston, MA
	Workshop on Delayed Puberty	Lecture
	Adolescent Medicine, Harvard Medical School	Boston, MA
2001	Round Table on Osteoporosis	Lecture
	Adolescent Medicine, Harvard Medical School	Boston, MA
	Osteoporosis in Teens: When Should I Order a DXA Scan?	Lecture
	Adolescent Medicine, Harvard Medical School	Boston, MA
2004	Workshop Adolescent Growth and Pubertal Development:	Lecture
	Adolescent Health Care Boston, Harvard Medical School	Boston, MA
	Workshop on Delayed Puberty	Lecture
	Pediatric & Adolescent Gynecology, Harvard Medical School	Boston, MA
	Adolescent Bone Health	Lecture
	Pediatric & Adolescent Gynecology Harvard Medical School	Boston, MA
2005	Workshop on Delayed Puberty	Lecture

	Adolescent Medicine, Harvard Medical School	Boston, MA
	Update on Bone Health: What Tests Should I Order?	Lecture
2006	Adolescent Medicine, Harvard Medical School Workshop on Bone Health	Boston, MA Lecture
2007	Pediatric & Adolescent Gynecology, Harvard Medical School Workshop on Bone Health	Boston, MA Lecture
	Adolescent Health Care Conference Workshop on Bone Health	Boston, MA Lecture
2008	Pediatric & Adolescent Gynecology, Harvard Medical School Delayed Puberty – What’s Normal, What’s Not?	Boston, MA Lecture
2009	Adolescent Medicine, Harvard Medical School Workshop on Delayed Puberty Adolescent Health Care Conference Workshop on Bone Health	Boston, MA Lecture Boston, MA Lecture
2010	Pediatric & Adolescent Gynecology Harvard Medical School Vitamin D Deficiency in Children Teens Research Conference, Boston’s Children’s Hospital Normal and Abnormal Puberty in Girls and Boys	Boston, MA Lecture Boston, MA Lecture
	Adolescent Medicine, Harvard Medical School Adolescent Bone Health Roundtable lunch with Faculty	Boston, MA Lecture
2011	Adolescent Medicine, Harvard Medical School Workshop on Bone Health Pediatric & Adolescent Gynecology, Harvard Medical School Controversies in Bone Health: Depo Provera	Boston, MA Lecture Boston, MA Lecture

	Vitamin D, Eating Disorders and the Use of DXA Scans	
	Pediatric & Adolescent Gynecology, Harvard Medical School	Boston, MA
2012	Puberty: When is Too Early in Girls, Too Late in Boys?	Lecture
	Adolescent Medicine	
	Harvard Medical School	Boston, MA
	Bone Mineral Density and Vitamin D Metabolism	Lecture
	Pediatric Orthopedics	
	Brown Alpert Medical School	Providence, RI
2013	Pediatric Bone Health	Lecture
	Contraceptive Cases in Adolescents	
	Problems in Pediatrics	Waterville, MA

### **Visiting Professorships**

2005	Floyd Denny Visiting Professor in Pediatrics
	Department of Pediatric, University of North Carolina Medical School
2007	Endocrine Visiting Professor, University of Connecticut
2009	Visiting Professor in Gynecology and Pediatrics, Queen's University, Kingston, Ontario
2010	Society for Adolescent Medicine Iris Litt Visiting Professor in Research, Riley Children's Hospital, Indianapolis, IN
2010	Annual Distinguished Lecturer, Center for Bone Health, Children's Hospital of Philadelphia
2010	Endocrine Visiting Professor, Warren Alpert Medical School of Brown University
2011	Visiting Professor, Department of Endocrinology, Boston University
2012	Visiting Professor, 1 <sup>st</sup> Annual Silber Lecturer, Division of Adolescent Medicine Children's National Medical Center, Washington, DC
2013	Visiting Professor, Division of Adolescent Medicine, Children's Hospital at Montefiore, New York, NY
2013	Visiting Professor, Department of Pediatrics, Stanford University School of Medicine, Stanford, CA
2014	Visiting Professor, Department of Pediatrics, University of Rochester School of Medicine, Rochester, NY
2014	Visiting Professor, Division of Endocrinology, Weill-Cornell Medical School, New York, NY

### **HOSPITAL TEACHING ROLES**

**Formal Teaching of Resident, Clinical Fellows, and Research Fellow (post-docs)**

1995 -	Menstrual Problems, Abnormal Thyroid Function, Polycystic Ovary Syndrome, Eating Disorders Medical students, residents, fellow	Division of Adolescent Medicine, Boston Children's Hospital 1 hour lecture, 3-4 times per year
1995-2001	Neonatal Thyroid Function and Disease Neonatology Fellows	Joint Program in Neonatology, Boston's Children's Hospital 1 hour lecture
1998	Amenorrhea in Adolescents  Medical students and residents	Med/Peds Grand Rounds, Women's Health Curriculum: Harvard Medicine/Pediatric Program, Boston Children's Hospital, Brigham & Women's Hospital and Massachusetts General Hospital 1 hour lecture
1999	Menstrual Disorders in Adolescents  Medical students, residents, and fellows How to Carry Out Clinical Research as A Resident  Pediatric residents Management of Diabetes Mellitus in Adolescents	Division of Endocrinology, Beth Israel Deaconess Hospital 1 hour lecture Boston Combine Pediatric Residency Program Retreat Harvard Medical School 1 hour lecture Division of Adolescent/ Young Adult Medicine, Boston Children's Hospital
2000	Medical students, residents, fellows, faculty members Bone Density Issues in Anorexia Nervosa  Fellow, medical student, faculty Polycystic Ovary Syndrome	1 hour lecture Division of Adolescent/Young Adult Medicine, Boston Children's Hospital 1 hour lecture Division of Endocrinology, Boston Children's Hospital
2001	Medical student, fellow, faculty The Amenorrheic Athlete	1 hour lecture Division of Sports Medicine, Boston Children's Hospital
2004	Fellow, faculty Adolescent Bone Health  Fellow Faculty	1 hour lecture Division of Sports Medicine, Boston Children's Hospital 1 hour lecture

2006	Evaluation of Low Bone Mass in Children Medical students, fellow, faculty Rickets	Division of Endocrinology, Boston Children's Hospital 1 hour lecture Division of Endocrinology, Boston Children's Hospital
2007	Medical student, fellow, faculty Evaluation of Low Bone Mass in Children; Menstrual Disorders	1 hour lecture Division on Endocrinology, Boston Children's Hospital
2008	Medical student, fellow, faculty Bone Health in Teenagers with Anorexia	1 hour lecture Eating Disorders Program, Division of Adolescent Medicine, Boston Children's Hospital
	Medical student, fellow, faculty Career Opportunities in Clinical Research	1 hour lecture Boston Combined Pediatrics Residency Program, Boston Children's Hospital and Boston Medical Center
2009	Medical student and residents Vitamin D Deficiency in Pediatrics	1 hour lecture Division of Endocrinology, Boston Children's Hospital
	Medical students, fellow, faculty Monthly Bone Health Case Conference	1 hour lecture Division of Adolescent/Young Adult Medicine, Boston Children's Hospital
2010	Medical students, resident, fellow Evaluation of Low Bone Mass in Children	1 hour lecture / once per month Division of Endocrinology, Boston Children's Hospital
	Medical students, fellow, faculty Bone Loss in Adolescents with Eating Disorders	1 hour lecture Division of Adolescent/Young Adult Medicine, Boston Children's Hospital
2011	Medical students, fellow, faculty Predictors of Fracture among Pediatric Inpatients	1 hour lecture Division of Endocrinology, Boston Children's Hospital
2012	Medical students, fellows, faculty Bone Loss in Adolescents with Eating Disorders	1 hour lecture Department of Pediatrics, Hasbro Children's Hospital, Providence, RI
2013	Residents, medical students Menstrual Disorders in Adolescents	1 hour lecture (noon lecture series) Department of Pediatrics, Hasbro Children's Hospital, Providence, RI
	Residents, medical students	



### **Clinical Supervisory and Training Responsibilities**

1994	Department of Medicine/Teaching Resident	One half-day session per week
1995-2012	Adolescent/Young Adult Medical	1 session per week
1998-2012	Division of Endocrinology Supervise one Endocrine or Sports Medicine Fellow/session	1 session per month
1996-1998	Resident Advisor, Department of, 2004-2010 Medicine	Advise one resident/year per class (3/year)
1998-2008	Faculty Coordinator, Reproductive Endocrine conference	1 conference per month
2000-2012	Supervisory Attending, Reproductive Endocrine Program	Supervise one Endocrine or Adolescent Fellow/session, once- twice monthly
2003-2012	Pediatric Interest Group/Mentor, Harvard Medical School	One half-day session per week
2004-2008	Patient-Doctor II/Preceptor HMS	6 hours of contact with students/year
2004-2012	Supervisory Attending, Endocrine Program	Supervise one Sports Medicine Fellow/session
2005-2012	Supervisory Attending, Endocrine Program	Supervise one Endocrine Fellow/ session
2007-2012	Director, Bone Clinic, Endocrine Program	Supervise one Endocrine Fellow, one resident, 1-2 junior faculty members/session
2012-	Supervisory Attending, Endocrine and Adolescent Programs, Hasbro Children's Hospital	Supervise one Endocrine Fellow, 1-2 medical student or residents/ session
2013-	Resident Advisor, Pediatric Residency Program, Hasbro Children's Hospital and Brown Alpert Medical School	Advise one resident/class/year

### **Laboratory and Other Research Supervisory Training Responsibilities**

2001-	Interdisciplinary Bone Health Research Group/Supervisor of postdoctoral Medical and undergraduate research Boston Children's Hospital Hasbro Children's Hospital	Daily mentorship of trainees who are conducting bone/mineral research in children or adolescents
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Formally Supervised Trainees

**Postdoctoral Fellows and Junior Faculty**

- 1998 – 2001 **Maria E. Trent, MD, MPH**, Associate Professor of Pediatrics, John Hopkins University School of Medicine, Associate Professor, Bloomberg School of Public Health, Director of Interdisciplinary Education, John Hopkins Leadership in Adolescent Health Training Program, John Hopkins Children's Center  
Completed study examining quality of life issues in adolescent girls with polycystic ovary syndrome. Published 3 manuscripts, 1 abstract, New investigator Award nominee at the Society for Adolescent Medicine meeting (2001); Health Disparities Fellow, National Center for Minority Health and Health Disparities (2002); Generalist Faculty Scholar, Robert Wood Johnson Foundation (2003)
- 2001 – 2004 **Keith J. Loud, MD, MSc**, Associate Professor of Pediatric, Dartmouth Medical School; Section Chief, General Pediatric, Dartmouth-Hitchcock Medical Center  
Completed a project examining predictors of stress fractures in female adolescent athletes. Published 3 manuscripts, 2 in *Pediatrics*, two review articles, and 3 abstracts. Co-authored three chapters. Recipient of NIH Loan Repayment Program, selected to Harvard Clinical Scholars in Medicine Program and earned MMSV
- 2002 – 2004 **Nava Stoffman, MD**, Director of Adolescent Medicine, Edmond and Lily Safra Children's Hospital, Sheba Medical Center, Tel Hashomer, Israel  
Completed a focus group study examining attitude regarding bone density testing in adolescent girls with anorexia nervosa. Published 1 manuscript, 1 review article.
- 2003 – 2005 **Amy Fleischman, MD, MMSc**, Assistant Professor of Pediatrics, Harvard Medical School; Medical Director, Optimal Weight for Life Program, Division of Endocrinology, Boston Children's Hospital; Member, Massachusetts General Hospital Nutritional Metabolism Program. Completed a study examining bone density and ovarian morphology in adolescent girls with congenital adrenal hyperplasia. Selected as participant in competitive Harvard/MIT/Pfizer-Merck Clinical Investigator Training Program. Completed Boston Children's Hospital Faculty Career Development Fellowship; Lilly Fellowship Award from the Endocrine Society. Published 2 manuscripts; co-authored 2 chapters.
- 2003 – 2005 **Andrea Pettinato, MD**, Instructor in Pediatrics, Harvard Medical School, Assistant in Medicine, Division of Adolescent/Young Adult Medicine, Boston

Children's Hospital. Completed a study examining predictors of bone ultrasound measure of the peripheral skeleton in health adolescent girls and boys. Published 1 manuscript, 2 abstracts

- 2009 – 2011 **Deborah Stein, MD**, Instructor in Pediatrics, Harvard Medical School; Attending Physician, Division of Nephrology, Boston Children's Hospital. Examined predictors of vitamin D status in patients with renal insufficiency. Published 2 abstracts and 1 manuscript.
- 2009 – 2010 **Mayra Martinez Ojeda, MD**, Instructor in Pediatrics, Harvard Medical School; Attending Physician, Division of Genetics, Boston Children's Hospital. Investigated bone health and vitamin D status in children with neurofibromatosis type 1. Published 1 abstract.
- 2004-2013 **Amy DiVasta, MD, MMSc**, Assistant Professor of Pediatrics, Harvard Medical School; Assistant in Medicine, Adolescent/Young Adult Medicine, Boston Children's Hospital. Selected as participant in competitive Clinical Scholars in Medicine Program (through Harvard Medical School). Supported by a K23 Award from the Eunice Kennedy Shriver NICHD (Dr. Gordon was mentor). Published 12 manuscripts, 1 editorial, and 11 abstracts. Awards include the Huffman Capraro Award for Excellence in Research (Young Investigator Award) from the North American Society for Pediatric and Adolescent Gynecology (2006) and the Von L. Meyer Award (2003). Has examined bone loss in adolescents with eating disorder and young women receiving GnRH agonist for endometriosis
- 2004 – 2013 **Helen Pappa, MD, MPH**, Assistant Professor of Pediatrics, Harvard Medical School; Attending Physician, Inflammatory Bowel Disease Center, Division of Gastroenterology/Nutrition, Boston Children's Hospital. Supported by a K23 Award from the NIDDK (Dr. Gordon was co-mentor). Published 8 manuscripts, 5 abstracts, and 1 editorial. Has examined mediators of bone loss and vitamin D deficiency in children with inflammatory bowel disease.
- 2007-2012 **Susanna Huh, MD, MPH**, Assistant Professor of Pediatrics, Harvard Medical School; Attending Physician & Director, Growth and Nutritional Program, Division of Gastroenterology/ Nutrition, Boston Children's Hospital Supported by a R03 to explore relationship between vitamin D status and insulin resistance and associated genetic modifiers. Member of a task force examining nutritional and other factor predisposing hospitalized children to fracture (Dr. Gordon was co-chair). Published 2 manuscripts.

- 2008 – 2011 **Sarah Pitts, MD**, Assistant Professor of Pediatrics, Harvard Medical School; Attending Physician, Director, Adolescent Medicine Fellowship, Division of Adolescent Medicine, Boston Children’s Hospital  
Completed a clinical trial with Dr. Gordon’s group with explored the appropriate vitamin D supplementation dose for healthy adolescents. Published 3 manuscripts and 3 abstracts.
- 2008 – 2013 **Lynda Vrooman MD**, Co-Director, Pediatric Survivorship Program; Associated Medical Director, Perini Clinic; Instructor in Pediatrics, Harvard Medical School; Attending Physician, Division of Hematology/Oncology, Boston Children’s Hospital. Investigated predictors of bone loss in pediatric patients with acute lymphocytic leukemia.
- 2010 – 2013 **Melissa Putman, MD**, Instructor in Pediatrics and Medicine, Harvard Medical School; Attending Physician, Division of Endocrinology, MGH and Boston Children’s Hospital, Boston, MA. Selected as participant in competitive Master’s Program in Clinical and Translational Investigation (through Harvard Medical School) Using high resolution quantitative computed tomography (HRqCT) to explore microarchitectural abnormalities in young adults with cystic fibrosis. Completed a clinical trial investigating the appropriate vitamin D supplementation dose for healthy adolescents. Recently received K23 grant. Published 4 manuscripts, 1 review, 2 editorials, and 2 textbook chapters.
- 2010 – 2013 **Lisa Swartz Topor, MD, MMSc**, Assistant Professor of Pediatrics, Alpert Medical School of Brown University; Attending Physician and Fellowship Director, Division of Endocrinology, Hasbro Children’s Hospital, Providence, RI Awarded and Early Investigator Grand through Thrasher Research Fund (Dr. Gordon was mentor). Carried out a case-control study with Dr. Gordon’s Low Bone Density Inpatient Task Force exploring predictors of a low bone mass in outpatients who present for bone densitometry measurements. Published one manuscript, one editorial, and one commentary.
- 2011 – 2013 **Tregony Simoneau, MD**, Assistant Professor of Pediatrics, UConn School of Medicine; Attending Physician, Pediatric Pulmonary Division, Connecticut Children’s Hospital.  
Examined the most efficacious treatment regimen to correct vitamin D deficiency in adolescent and young adults with cystic fibrosis. Awarded young investigator’s grand from the Cystic Fibrosis Foundation for 2 cycles as Pulmonary Fellow at Boston Children’s Hospital. Published 2 manuscripts and 1 review.

- 2013 - 2015 **Shara Bialo, MD**, Fellow, Division of Endocrinology, Department of Pediatric, Hasbro Children's Hospital and Alpert Medical School Brown University. Examining the clinical predictors of stress fracture in otherwise healthy female athlete. Collaborative study with Brown/ University Orthopedics.
- 2013 - 2014 **Jeremy Doak, MD**, Fellow, Division of Pediatric Orthopedics, Department of Orthopedic, RI Hospital and Alpert Medical School of Brown University. Examining the rate of bone loss associated with casting for upper and lower extremity fractures, as well as time associated with healing. Using peripheral quantitative computer tomography to monitor volumetric bone density, as well as skeletal strength and bone cross-sectional geometry.
- 2013 - 2015 **Julia von Oettingen, MD**, Fellow, Division of Endocrinology, Boston Children's Hospital. Examining the prevalence of vitamin D deficiency among Haitian children and efficacy of a novel 25(OH)D point-of-care test device to identify this problem among infants and children. Recipient of an Early Career Award from the Thrasher Research Fund.
- 2013-2015 **Alison Boyle, MD**, Assistant Professor of Pediatric, Children's National Medical Center and NICHD, Washington, DC/Bethesda, MD  
Participant in Young Investigator Coaching Program (national program sponsored by the Society for Pediatric Research).

### **Residents**

- 2007-2008 **Brian F. Shaughnessy, DDS**, Pediatric Dentistry, 233 Boston Post Rd, Wayland, MA Dr. Shaughnessy carried out a study examining dental and periodontal health in adolescent girls with anorexia nervosa. Published 1 manuscript.

### **Medical Students**

- 2001 – 2004 **Emanuela Binello, MD, PhD, ScD**, Resident, Department of Neurosurgery, Mount Sinai School of Medicine  
Completed a project title "Use of DHEA to Prevent Bone Loss in Anorexia Nervosa," when she was a medical student in the Harvard-MIT Health Science and Technology Program. Published 2 manuscripts.
- 2007 – 2008 **Hiu-Fai Fong, MD**, Fellow, Robert Wood Johnson Foundation Clinical Scholars Program, Children's Hospital of Philadelphia

Completed a project titled “Hepatic Dysfunction in Young Women with Anorexia Nervosa,” during her tenure in the Harvard-MIT Health Science and Technology Program. Published 1 manuscript, 1 letter to the editor

**APS/SPR Summer Student Research Program**

- 2006        **Tamara Baer, MD** / Adolescent Medicine Fellow, Boston Children’s Hospital  
Assisted with the design of project examining estrogen deficiency in adolescent girls with anorexia nervosa and endometriosis
- 2007        **Jessica May, MD** / Pediatric Resident, Children’s Hospital of Montefiore  
Assisted with a randomized controlled trial testing the appropriate vitamin D treatment dose for young children with vitamin D deficiency. Published one manuscript.
- 2008        **Nina Sainath, MD** / Pediatrics Resident, Children’s Hospital of Philadelphia  
Completed a project examining predictors of a low bone mass in pediatric brain tumor survivors. Published one manuscript.
- 2009        **Regina Myers** / Pediatrics Resident, Columbia University Department of Pediatrics  
Completed a project examining the utility of wrist and knee radiographs in young children with vitamin D deficiency. Published one abstract and one manuscript.
- Lara Batey, MD** / Endocrine Fellow, Boston Children’s Hospital  
Assisted with 2 projects: a vitamin D supplemental trial in healthy adolescents and a study of bone health among adults with galactosemia who have been treated with dietary restriction since birth. Published 1 abstract and 1 manuscript.
- 2010        **Amanda Dorale** / Student, Sanford School of Medicine, University of South Dakota. Completed a chart review, examining predictors of a low bone density in adolescent recipients of depot medroxyprogesterone acetate. Published 1 manuscript, 1 abstract.
- 2011        **Rebecca Persky** / Student, University of Connecticut School of Medicine  
Completed a chart review, examining predictors of and treatment for vitamin D deficiency among overweight and obese children and adolescents. Submitted 2 abstracts.
- 2013        **Dawit Demissie** / Student, University of Missouri School of Medicine

Assisted with studies of female athlete, representing ongoing collaboration between RI Hospital Department of Orthopedics and Hasbro Children's Division of Adolescent Medicine.

### **Undergraduate Students**

- 2006 – 2007 **Michael Stone**, Senior Project Advisor, Vitamin D Deficiency among Children, Department of Communications and Media Studies, Undergraduate Program, Tufts, University, Medford, MA  
Dr. Gordon supervised Michael in the creation of an educational video and website on vitamin D.
- 2006 – 2008 **Avery LeBoff Williams**, Research Advisor, Rickets among Healthy Infants and Toddler, Biology Undergraduate Programs, Harvard University  
Dr. Gordon supervised Avery as she assisted with the design of and recruitment for a vitamin D deficiency prevalence and treatment study in otherwise healthy young children. Published 3 manuscripts.
- 2008-2009 **Catherine Buzney**, Thesis Advisor, Bone Marrow Composition Adolescents with Anorexia Nervosa, Anthropology, Undergraduate Programs, Harvard University.  
Dr. Gordon supervised Catherine as she carried out a study examining whether adolescent girls with anorexia nervosa exhibit increased bone marrow fat (as assessed by magnetic resonance imaging). Published 1 abstract and 1 manuscript.
- 2014 - **Tsuzuki Kanaoka**, Senior Project Advisor, Bone Density of the Peripheral Skeleton in Adolescent Girls, Dept. of Biological Sciences, Brown University.  
Dr. Gordon is supervising Tsuzuki as she assists with recruitment of 200 healthy adolescent girls from the local community, to undergo bone density measurements of the peripheral skeletal using peripheral quantitative computed tomography (pQCT). She is exploring predictors of bone density in healthy girls.