

CURRICULUM VITAE

PART I: GENERAL INFORMATION

Date Prepared: August 30, 2011

Name: Daniel S. Kamin, M.D.

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Email: daniel.kamin@childrens.harvard.edu

Education:

05/1994 B.A.	Biology	Swarthmore College
05/1999 M.D.	Medicine	Yale University School of Medicine

Post-doctoral Training:

Internships and Residency:

07/1999 – 06/2002

Intern and Resident in Pediatrics, MassGeneral Hospital for Children, MA

Clinical and Research Fellowships:

07/2002 – 06/2005

Clinical and Research Fellow, Combined Program in Pediatric Gastroenterology and Nutrition, MassGeneral Hospital for Children and Children's Hospital, Boston

09/2008 – 06/2009

Fellow, Medical Ethics Fellowship at Harvard Medical School

Licensure and Certification:

07/2001 Massachusetts License Registration

10/2003 American Board of Pediatrics (ABP) Certificate

10/2005 ABP Pediatric Gastroenterology Certificate

Academic Appointments:

07/2002 – 06/2005

Postdoctoral Research Fellow in Pediatrics, Harvard Medical School

07/2005 – Present

Instructor in Pediatrics, Harvard Medical School

Hospital and Affiliated Institution Appointments:

07/2002 - 06/2005

Clinical Fellow Division of Gastroenterology and Nutrition, Children's Hospital Boston, Boston, MA

07/2002 - 06/2005

Clinical Fellow Division of Gastroenterology and Nutrition, MassGeneral Hospital for Children, Boston, MA

01/2001 - 07/2004

Staff Physician North Shore Children's Hospital, Salem, MA

06/2003 - 07/2007

Staff Physician Metrowest Medical Center, Framingham, MA

06/2005 - 06/2007

Staff Physician Section of Pediatric GI/Nutrition, Floating Hospital for Children, Boston, MA

07/2005 – Present

Staff Physician Division of Gastroenterology and Nutrition, Children's Hospital Boston, Boston, MA

Major Administrative Responsibilities:

06/2004 – 06/2005

Coordinator

Pediatric GI Fellowship Lecture Series, Harvard Combined Program in Pediatric

Gastroenterology and Nutrition, Boston, MA

07/2005 – 07/2010	Medical Director	Intestinal Transplantation, Children's Hospital Boston, Boston, MA
05/2007 - present	Associate Director	Fellowship Training, Fellowship in GI/Nutrition, Children's Hospital Boston, Boston, MA

Major Committee Assignments:

07/2003 - present	Member	Steering Committee, Fellowship in GI/Nutrition, Children's Hospital Boston, Boston, MA
09/2007 – present	Member	Ethics Committee, Children's Hospital Boston, Boston, MA
06/2006 – 01/2008	Member	Board of Directors, Federation of Massachusetts Farmers' Markets, Waltham, MA
11/2008 – present	Member	Ethics Committee, North American Society for Pediatric Gastroenterology and Nutrition

Awards and Honors:

1994	Phi Beta Kappa, Bachelor of Arts with Distinction, Swarthmore College
2002	Donald N. Medearis Jr. Teaching Award, MassGeneral Hospital for Children
2003	Recipient of a 2-year NIH AIDS Research Loan Repayment Program grant
2008	Attending of the Year for excellence in teaching, Harvard Medical School Fellowship in Pediatric Gastroenterology and Nutrition
2010	Harvard Medical School Excellence in Tutoring Award

Other Public Service:

06/2007	Camp Physician	Solid Organ Transplant Week. Camp Sunshine. Casco, ME.
07/2008	Camp Physician	Shwachman Diamond Week, Camp Sunshine, Casco, ME.
06/2010	Camp Physician	Solid Organ Transplant Week. Camp Sunshine. Casco, ME.
06/2011	Camp Physician	Solid Organ Transplant Week. Camp Sunshine. Casco, ME.

PART II: RESEARCH, TEACHING, AND CLINICAL CONTRIBUTIONS**Narrative Report of Research, Teaching, and Clinical Contributions:**

I completed my three-year fellowship in pediatric gastroenterology and nutrition at Harvard (2003-2005). I then joined Children's Hospital Boston faculty as a staff gastroenterologist. I served as the first medical director of the intestinal transplantation program, from July 2005 to July 2010, during which time we performed fourteen intestinal transplants. As the only center in the New England area with an active intestinal transplant program, we were able to offer a rare procedure to unusual patients in great need, without their having to travel to distant centers away from family and friends.

Extending the clinical work I have done in intestinal transplantation, I completed a year-long fellowship in post-graduate medical ethics at Harvard Medical School 2008-2009. I am a standing member of the Ethics Advisory Committee at Children's Hospital Boston, and will be working to develop educational curricula in ethical deliberation at the graduate medical education level.

Over the past three years I have participated in Harvard Medical School's (HMS) first and second-year teaching and evaluation modules. As a newcomer to co-directing the gastrointestinal physiology section for HMS first year Integrated Human Physiology Course, I have continued to enjoy the process of learning and teaching medicine. I am also an associate program director for the Fellowship in Gastroenterology and Nutrition at Children's Hospital Boston, where I coordinate major aspects of the Program.

Report of Teaching:**National Conferences**

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| 01/2011 | North American Society for Pediatric
Gastroenterology and Nutrition First Year
Fellow's Conference
Associate Course Director
January 14-16 2011, Ft. Lauderdale, FL
100 gastroenterology fellows
20 hours contact time/30 hours preparation time |
| 01/2012 | North American Society for Pediatric
Gastroenterology and Nutrition First Year
Fellow's Conference
Course Director
January 12-15 2011, Ft. Lauderdale, FL
100 gastroenterology fellows
20 hours contact time/anticipated 40 hours preparation time |

Medical School Courses

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|-------------|---|
| 2003 – 2009 | Patient Doctor II, Structured Clinical Examination of the Abdomen
Harvard Medical School
Examiner
12 medical students
3 hours contact time/0 hours preparation time |
| 2003 - 2004 | Patient Doctor II, Case Presentation Skills, Harvard Medical School
Facilitator
12 medical students
3 hours contact time/ 1 hour preparation time |
| 2004 - 2009 | Human Systems Module IIA, Gastrointestinal Pathophysiology
Course, Harvard Medical School
Minicase Leader
12 medical students
2 hours contact time/8 hours preparation time |
| 2005 - 2011 | Human Systems Module IIA, Gastrointestinal Pathophysiology
Course, Harvard Medical School
Tutor
8 medical students
14 hours contact time/30 hours preparation time |
| 2006 - 2011 | Introduction to the Profession Course, Harvard Medical School
Tutor
8 medical students
8 hours contact time/2 hours preparation time |
| 2007 - 2008 | Introduction to the Abdominal Examination, Harvard Medical School
Instructor
4 medical students
2 hours contact time/2 hours preparation time |

2011 -present Integrated Human Physiology, Harvard Medical School
Section co-director-- gastrointestinal physiology
First year medical school class
10 hours contact time/72 hours preparation time

Invited Presentations:

- 2007 'Nutritional Management in Intestinal Transplantation'. *Enhancing the Safety of Parenteral and Enteral Nutrition*. Division of Nutrition, Harvard Medical School. Cambridge, MA.
- 2008 'Update on Intestinal Transplantation: Indications and Nutritional Management'. *Clinical Nutrition Week*. A.S.P.E.N. Chicago, IL.
- 2008 'Nutritional Management and Advances in Pediatric Intestinal Failure and Transplantation'. *Massachusetts Dietetic Association Annual Meeting*. Sturbridge, MA.
- 2008 'Beyond real: a modern approach to irritable bowel syndrome in children'. *Pediatric Grand Rounds*. St. Joseph's Children's Hospital. Paterson, NJ.
- 2008 'Too Little Too Late: Inpatient Management of Severe Constipation'. *Back to Children's: Inpatient medicine for the primary care physician*. Children's Hospital Boston. Boston, MA
- 2008 'Intestinal Transplantation: An Update'. *Surgical Grand Rounds*, May 2008, Children's Hospital Boston, Boston, MA.
- 2010 'Ethics of Pediatric Allocation in Solid Organ Transplantation'. *American Association for the Study of Liver Diseases Annual Meeting*. Boston, MA.
- 2011 'Intestinal Failure 2011: Update on Successes and Struggles'. *Friday Seminar Series*, Department of Pathology, Children's Hospital Boston, May 6th 2011, Boston, MA.
- 2011 'Liver Disease and Liver Transplantation in Children', *Friday Seminar Series*, Department of Psychiatry, Children's Hospital Boston, May 13th, 2011, Boston, MA.

PART III: BIBLIOGRAPHY

Original Articles:

Forman HP, Kamin DS, Covey AM, et al. *Changes in the Market for Diagnostic Radiologists as Measured Through a Help-wanted Index*. *Am J Roentgenol*, Apr 2000. 174: 933.

Anzilotti K, Kamin DS, Sunshine JH, and Forman HP. *Relative Attractiveness of Diagnostic Radiology: Assessment with Data from the National Residency Matching Program and Comparison with the Strength of the Job Market*. *Radiology*, Oct 2001. 221: 87.

Forman HP, Traubici J, Covey, AM, Kamin DS, Leonidas JC, and Sunshine JH. *Pediatric Radiology at the Millennium*. *Radiology*, July 2001. 220: 109.

Kamin DS, Hadigan C, Lehrke M, Mazza S, Lazar MA, and Grinspoon S. *Resistin Levels in HIV-infected Patients with Lipotrophy Decrease in Response to Rosiglitazone*. *Journal of Clinical*

Endocrinology and Metabolism. June 2005. 90(6): 3423-6.

Hadigan C*, Kamin D*, Liebau L, Mazza S, Barrow S, Torriani M, Rubin R, Weise S, Fischman A, and Grinspoon S. *Depot Specific Regulation of Glucose Uptake and Insulin Sensitivity in HIV-Lipodystrophy*. Am J Physiol Endocrinol Metab (August 30, 2005). doi:10.1152/ajpendo.00273.2005

Modi BP, Javid PJ, Jaksic T, Piper H, Langer M, Duggan C, Kamin D, Kim HB. *First report of the international serial transverse enteroplasty data registry: indications, efficacy, and complications*. J Am Coll Surg, Mar 2007. 204(3):365-71.

McGuire MM, Demehri S, Kim HB, Kamin D. *Hypertrophic osteoarthropathy in intestinal transplant recipients*. Journal of Pediatric Surgery. 2010. 45: e19-22.

Raphael BP, Nurko S, Jiang H, Hart K, Kamin DS, Jaksic T, Duggan C. *Cisapride improves enteral tolerance in pediatric short-bowel syndrome with dysmotility*. J Pediatr Gastroenterol Nutr. 2011 May;52(5):590-4.

Reviews, Chapters, Editorials:

Kamin DS and Hadigan C. *Hyperlipidemia in HIV-infected children*. Expert Review of Cardiovascular Therapy, 2003. 1: 143-50.

Kamin DS, Furuta GT. *The iceberg cometh: Establishing the prevalence of celiac disease in the United States and Finland*. Gastroenterology 2004. 126: 359.

Kamin DS, Grinspoon S. *Cardiovascular disease in HIV positive patients*. AIDS 2005. 19(7):641-52.

Kamin DS, Kleinman R (2006). *Acute and chronic hepatitis*. In: Burg, FD, Ingelfinger JI, Polin RA, Gershon AA, editors. Current pediatric therapy, 18/e. Philadelphia: Saunders.

Kamin DS, Kleinman R (2007). *Gastrointestinal development*. In: Baker SS, Baker RD, Davis AM, editors. Pediatric nutrition support. Sudbury: Jones and Bartlett Publishers.

Kamin D, Duggan C (2007). *Enteral support for children with intestinal failure*. In: Langnas A, Goulet O, Quigley E, Tappenden K, editors. Intestinal failure: diagnosis, management and transplantation. Malden: Blackwell Publishing.

Kamin D, Goulet O (2008). *Intestinal failure, short bowel syndrome, and intestinal transplantation*. In: Duggan C, Watkins J, and Walker W., editors. Nutrition in pediatrics 4th edition. Ontario: BC Decker Inc.

Pappa H, Bern A, Kamin D, and Grand R. *Vitamin D status in gastrointestinal and liver disease*. Current Opinion in Gastroenterology 2008. 24:176-83.

Duro D, Kamin D, and Duggan C. *Overview of pediatric short bowel syndrome*. J Pediatric Gastroenterology and Nutrition 2008. 47 (S1): S33-36.

Kamin DS, Burchett S, and Kim HB. *Case 15-2009: a man with coma after cardiac arrest*. New England Journal of Medicine 2009. 361(7): 725.

Kamin DS. *Ethical Issues in Patient Care*. In: Duggan C, Jaksic T, Gura K, editors. Clinical Management of Intestinal Failure. CRC Press. In Press.

Educational Material:

2005 Kamin D. Revision to Minicase for Neonatal Jaundice (original by Avery, ME and revised by Hauser, SC), Gastrointestinal Pathophysiology course, Harvard Medical School, Boston.

Abstracts:

Kamin DS, Hadigan C, M Lehrke 2, MA Lazar 2, Grinspoon, S. *Resistin decreases after 3 months of rosiglitazone in HIV-infected patients with lipodystrophy*. 6th international workshop on adverse drug reactions and lipodystrophy in HIV; 2004 Oct 25-28; Washington D.C.

Kamin DS, Jonas MM, MD, Iglesias J, et al. *Multivisceral transplantation in an infant with cystic fibrosis and short bowel syndrome: clinicopathologic correlation*. 4th international pediatric intestinal failure and rehabilitation symposium; 2006 June 2-3; Pittsburgh, PA.

Gutweiler JR, Suh MY, Misra MV, Iglesias JA, Heeney MH, Kim HB, Kamin DS. Splenic function in pediatric multivisceral transplant recipients with donor spleen. 10th Small bowel transplantation symposium; 2007 September 5-8; Los Angeles, CA.

Suh MY, Labelle JL, Kim HB, Kamin DS. Immune hemolytic anemia and immune thrombocytopenic purpura (Evan's Syndrome) after multivisceral transplantation with spleen: An alloimmune response? 10th Small bowel transplantation symposium; 2007 September 5-8; Los Angeles, CA.

McGuire MM, Kamin D, Demehri S, Kleinman P, and Kim HB. Severe Hypertrophic Osteoarthropathy in Intestinal Transplant Recipients. 5th Congress of the International Pediatric Transplant Association; 2009 April 18-21; Istanbul, Turkey.

Kamin DS, O'Melia L, Mitchell P, and Duggan C. Physician Variability in the Determination of Prognosis and Transplant Candidacy in Pediatric Intestinal Failure: a Pilot Survey. 11th International Small Bowel Transplant Symposium; 2009 September 9-12; Bologna, Italy.

Connolly M, O'Melia L, Garrigan K, Kim HB, Duggan C, and Kamin DS. Hypervitaminosis A after Multivisceral Transplantation. 11th International Small Bowel Transplant Symposium; 2009 September 9-12; Bologna, Italy.