

Curriculum Vitae

Name: Darrell Mealer Wilson, MD

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Personal data http://med.stanford.edu/profiles/endocrinology/researcher/Darrell_Wilson/
Divisional website <http://dped.stanford.edu>

Education:

Sep 1969-Mar 1973: Bachelor of Science, Electrical Engineering, University of California, Davis, with highest honors

Mar 1973-Jun 1973: Graduate work, Electrical Engineering. University of California, Davis

Sep 1973-Jun 1977: Doctor of Medicine: concentration area, Computers in Medicine. University of California, San Diego

Postgraduate Training:

Jul 1977-Jun 1978: Intern in Pediatrics, Stanford University

Jul 1978-Jun 1980: Resident in Pediatrics, Stanford University

Jul 1980-Jun 1984: Fellow, Pediatric Endocrinology, Stanford University

Faculty Positions:

Jul 1984-Aug 1987: Clinical Assistant Professor and Physician Specialist, Stanford University Medical Center

Sep 1987-Nov 1987: Acting Assistant Professor, Stanford University

Nov 1987-Dec 1993: Assistant Professor, Stanford University

Jan 1994-Jan 2001: Associate Professor, Stanford University School of Medicine

Jan 2001-present: Professor, Stanford University School of Medicine

Mar 1998-June 2015: Chief, Division of Pediatric Endocrinology and Diabetes, Stanford University School of Medicine

Sept 2006- June 2011: Fellowship Training Program Director

June 2011 – present: Associate Fellowship Training Program Director

Clinical Positions:

Sep 1990-Aug 2000: Medical Director, Medical Information Systems, Packard Children's Hospital at Stanford

Jul 1984-May 2015: Director, Pediatric Diabetes Center, Packard Children's Hospital at Stanford

Mar 1998-Nov 2016: Service Chief, Division of Pediatric Endocrinology and Diabetes, Stanford University School of Medicine

Research Positions:

Jan 2001-Dec 2008 Site Director, Glaser Pediatric Research Network

Oct 2017-present: Member of the Stanford Diabetes Research Center

Certifications & Licenses:

Diplomate, National Board of Medical Examiners, Jul 1978

California Medical License, Nov 1978, current

Drug Enforcement Agency, current

Diplomate, American Board of Pediatrics, May 1982, #27615

Board Certified, Pediatric Endocrinology, Initial - Oct 1995, Recertified – Nov 2017, #042833

Panel Member, California Children Services #77-0465765

Stanford Radioactive Materials Use #SMN353

Bloodborne Pathogens 1 Jun 2004 #98033131

CITI and GCP - Current

Patents:

Hypoglycemia Prediction Method 61/197230

US Patent Application No. 14/175,020

Title: Kalman Filter Based On-Off Switch for Insulin Pump

Multiple Model Probabilistic Predictive Controller (MMPPC) for Closed-Loop Insulin Delivery (Stanford Docket S10-391)

Professional Societies:

The Institute of Electrical and Electronic Engineers, 1972

IEEE Engineering in Medicine and Biology Group, 1972

California Medical Association, 1974-1983

American Academy of Pediatrics, 1979-1983

American Federation of Clinical Research, 1982

American Diabetes Association, 1984

Endocrine Society, 1984

Stanford Center for Youth Development, 1984

Lawson Wilkins Pediatric Endocrine Society, 1985

Western Society for Pediatric Research, 1986

Society for Pediatric Research, 1988

International Society for Insulin-like Growth Factor Research, 1995

Medical Staff:

Packard Children's Hospital at Stanford, 1984-present

Stanford University Hospital, 1984-present
Dominican Hospital, Santa Cruz, 1996-2000
Santa Clara Valley Medical Center, 2006-2008

Teaching:

Director, Early Clinical Experience Program (Pediatrics 80Q),
Aug 1987 to 2006

Instructor, Endocrine Physiology Course, Stanford Medical School
1990 to present

PRECEPT Fellow Education Series, Clinical Faculty, Biostatistics,
Winter Quarter, 1996

Growth: A Measure of Health and Disease in Individuals and Societies.
Created and taught - Sophomore Seminar, Fall 1998, repeated Fall 1999

Annual Families with Diabetes Conference, Created 1999, repeated annually

PRECEPT Fellow Education Series, Co-Director, Biostatistics, in the 2000s

Introduction to Medicine, Immunology 230, Fall Quarter, 2000 and Spring of 2002, 2003, 2004,
2005, 2006, 2007, 2009-2010

Honors:

Kraft Scholarship Prize, UCD, 1969

Tau Beta Pi, 1972

Phi Kappa Phi, 1972

Engineering Council of Sacramento Valley Award, 1973

Graduated with Highest Honors, 1973

Luetje-Stubbs Faculty Scholar, 1988-89, 1989-90, 1992-1993

Honorary Board of Directors, Diabetes Society of Santa Clara Valley,
1988-1989

America's Best Doctors, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009,
2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019

Diabetes Society, San Jose, Honoree 2008

San Francisco Juvenile Diabetes Research Foundation Honoree, May 2009

2013-present – Member, CHYLD (Children with Hypoglycaemia and their Later Development)
International Advisory Group and Steering Group

Core Clerkship Honor Roll for Clinical Teaching, Stanford University, 2017

Medical Staff Distinguished Service Award, Packard, 2018

Editorial Boards:

Journal of Clinical Endocrinology and Metabolism, Jan 1989 - Dec 1992

Diabetes: Technology and Therapeutics, Jan 2000-May 2019

Journal of Diabetes Science and Technology, Jun 2006-present

Reviewer: Multiple Journals: JAMA, Diabetes, Hormone and Metabolic Research, Hormone
Research, Journal of Clinical Endocrinology and Metabolism, Pediatrics, Sleep, Journal of
Adolescent Health Care, Journal of Endocrinological Investigation, Journal of Pediatrics,

Endocrinology, Diabetes Care, Pediatric Research, Growth Regulation, Addiction, Life Science, Lancet, Diabetes Technology and Therapeutics

Reviewer: Grants: Ad hoc reviewer for the National Institute on Aging, NIH; National Institute of Child Health and Human Development, NIH; National Institute of Diabetes and Digestive and Kidney Diseases, NIH; March of Dimes Birth Defects Foundation, Canadian Institute of Health Research, American Biology, TMM, DIS-DIA panel: PRMRP

International and National Committees:

Diabetes Program Committee, Lawson Wilkins Pediatric Endocrine Society
Jun 1992 - Jun 1996

Local Chair, European Society of Pediatric Endocrinologist Summer
School, Jan 1993 - Jun 1993

Diabetes Prevention Trial - Type 1 Study Committees

Steering Committee - Jun 1994 – Sept 2001

Bylaws Committee - Jun 1994

Laboratory Monitoring Committee Dec 1994 – Sept 2001

Communication and Public Relations Committee, May 96-Nov 97

Co-Chair, TAP/Ross Special Conference, Puberty... When it comes too soon. Indications for treatment. Washington, DC Oct 1993

Program Committee, Lawson Wilkins Pediatric Endocrine Society, 1996
meeting

Chair, Diabetes Committee, Lawson Wilkins Pediatric Endocrine Society,
1996-1997 meeting

Medical Advisory Team, Turner's Syndrome Society of the United States,
June 1995

Chair, Electronic Communications Committee, Lawson Wilkins Pediatric
Endocrine Society, 1997 - 2001

Special Emphasis Panel Reviewer, NIH, Immunopathogenesis of Type 1
Diabetes Mellitus 1998

Ad Hoc Reviewer, Juvenile Diabetes Foundation International, Glucose Sensors, 2000

Informatics and Information Systems Committee, Association of Program Directors in
Endocrinology and Metabolism, April 2000

Data Management Taskforce, Glaser Pediatric Research Network, Jan 2000- Dec 2008

Chair, Protocol Development Taskforce, Glaser Pediatric Research Network, Jan 2000-Dec
2008

Director, Lawson Wilkins Pediatric Endocrine Society, May 2001-May 2004

Member, PES History Committee, 2013-present

NIH DirecNet Glucose Sensor Study Committees

Steering Committee - Sept 2001 – present

Outpatient protocol design committees, April 2002 – present

NIH Type 1 Diabetes TrialNet Study Committees

Steering Committee - Sept 2001 – present

Chair, Clinical Center Directors, Sept 2001-present

Natural history/screening protocol committee, March 2002-

Laboratory Monitoring Committee, March 2002--2015

Ancillary Studies Committee, 2010-2013

Clinical Feasibility Committee, 2010-present

Metabolic Assessments Committee 2010--2015

Clinical Monitor Group 2015-present

Eligibility and Events 2016- present

Major Local Committees and Courses at Stanford (full list available):

Medical Committee for the Protection of Human Subjects at Stanford
Sep 1979 - Sep 1985

Medical Committee for the Protection of Human Subjects at Stanford
(alternate member) Sep 1999-Oct 2004

Medical Committee for the Protection of Human Subjects at Stanford
Chair, Panel 5, Oct 2004-present

Pharmacy and Therapeutics Committee, Packard Children's Hospital at
Stanford, Jul 1984 - present

Clinical Laboratory Committee, Packard Children's Hospital at Stanford,
Jul 1986 - 1993

General Clinical Research Center Advisory Committee,
June 1988 – May 2008

Faculty Senate, Medical School,
Jun 1988 - Jun 1991

Ambulatory Care Committee, Packard Children's Hospital at Stanford,
May 1989

Medical Information Selection Committee, Children's Hospital at
Stanford, Jun 1989 - May 1990

Chairman, Medical Records Committee, Packard Children's
Hospital at Stanford Sept 1992 - ~1998

Starbright World Research Team, Packard Children's
1995-1997

Center for Clinical Immunology at Stanford, Stanford University Medical Center 1995-present

Continuing Medical Education Oversight Committee, Stanford University Medical Center 1996-1999

Faculty, Stanford Center on Adolescence, Stanford University 1996-present

Practice Management Group, Packard Children's Hospital 1998-present

Chair, Organization of Pediatric Endocrinologists and Annual Meeting, Sep 1999 – August 2000 and alternate years thereafter

General Clinical Research Center Safety Committee April 2001- May 2008

Stanford Children's Health Information Services Provider Advisory Group (ISPAG) 2010 to present

Community Activities:

Camp physician at the summer camp for diabetic children sponsored by the Diabetes Society of Santa Clara Valley, Jul 1980, Jul 1981, Jul 1982, Jul 1983, Aug 1992, Aug 2002, Aug 2003 and essentially annually thereafter.

Advisor, Diabetes Camp, Diabetes Society of Santa Clara Valley, Feb 1988 - 1989

Medical Director, Diabetes Summer Camp, Diabetes Society of Santa Clara Valley, 1989 - 1996

Medical Director, Diabetes Family Camp, Diabetes Society of Santa Clara Valley, Apr 1991, Apr 1992

Board of Directors, Diabetes Society of Santa Clara Valley, Nov 1989-Sep 1994

Board of Directors, American Diabetes Association, Mid-Peninsula Chapter, Feb 1996 - Jun 1997

Board of Directors, Juvenile Diabetes Research Foundation, Greater Bay Area Chapter, July 2001 - Jun 2003

Board of Directors, Juvenile Diabetes Research Foundation, Silicon Valley Chapter, July 2003 – Jun 2008

ORIGINAL PUBLICATIONS

1. **Wilson DM**, Kripke DF, McClure DK, Greenburg AG: Ultradian cardiac rhythms in surgical intensive care unit patients. *Psychosom Med* 39:432-435, 1977
<http://www.psychosomaticmedicine.org/content/39/6/432.full.pdf>
2. **Wilson DM**, Hopper AO, McDougall IR, Bayer MF, Hintz RL, Stevenson DK, Rosenfeld RG: Serum free thyroxine levels in term, premature and sick infants. *J Pediatr* 101:113-117, 1982
3. **Wilson DM**, Hintz RL: Interspecies comparison of somatomedin structure using immunological probes. *J Endocrinol* 95:59-64, 1982
4. Rosenfeld RG, **Wilson DM**, Dollar LA, Bennett A, Hintz RL: Both human pituitary growth hormone and recombinant DNA derived human growth hormone cause insulin resistance at a post-receptor level. *J Clin Endocrinol Metab* 54:1033-1038, 1982 PMID: 7037819
5. Hintz RL, Rosenfeld RG, **Wilson DM**, Bennett A, Fenno J, McClellan B, Swift R: Biosynthetic methionyl-human growth hormone is biologically active in adult humans. *Lancet* 1:1276-1279, 1982
6. **Wilson DM**, Bennett A, Adamson GD, Nagashima RJ, Liu F, DeNatale ML, Hintz RL, Rosenfeld RG: Somatomedins in pregnancy: A cross sectional study of insulin-like growth factors I and II and somatomedin peptide content in normal human pregnancies. *J Clin Endocrinol Metab* 56:858-861, 1982
7. Luna AM, **Wilson DM**, Wibbelsman CJ, Brown R, Nagashima RJ, Hintz RL, Rosenfeld RG: Somatomedins in adolescence: A cross sectional study of the effect of puberty on plasma insulin-like growth factors I and II levels. *J Clin Endocrinol Metab* 57:268-271, 1983
8. Bennett A, **Wilson DM**, Liu F, Nagashima RJ, Rosenfeld RG, Hintz RL: Levels of insulin-like growth factors I and II in cord blood of term infants. *J Clin Endocrinol Metab* 57:608-612, 1983
9. **Wilson DM**, Enzmann DR, Hintz RL, Rosenfeld RG: Cranial computed tomography in septo-optic dysplasia: Discordance of clinical and radiologic findings. *Neuroradiology* 26:279-283, 1984
10. Bryer-Ash M, **Wilson DM**, Tune BM, Rosenfeld RG, Shochat SJ, Luetscher JA: Hypertension due to aldosterone-producing adenoma in a seven year old girl: Case report and discussion of diagnostic approach. *Am J Dis Child* 138:673-676, 1984
11. Gertner JM, Genel M, Gianfredi SP, Hintz RL, Rosenfeld RG, Tamborlane WV, **Wilson DM**: Prospective clinical trial of human growth hormone in short children without growth hormone deficiency. *J Pediatr* 104:172-176, 1984
12. Rosenfeld RG, Ceda G, **Wilson DM**, Dollar LA, Hoffman AR: Characterization of high affinity receptors for insulin-like growth factors I and II on rat anterior pituitary cells. *Endocrinology* 114:1571-1575, 1984

13. **Wilson DM**, Ceda PG, Bostwick DG, Webber RJ, Minkoff JR, Pont A, Hintz RL, Bensch KG, Kraemer FB, Rosenfeld RG, Hoffman AR: Acromegaly and Zollinger-Ellison syndrome secondary to an islet cell tumor: Characterization and quantification of plasma and tumor human growth hormone releasing factor. *J Clin Endocrinol Metab* 59:1002-1005, 1984
14. Ceda GP, Hoffman AR, Silverberg GD, **Wilson DM**, Rosenfeld RG: Regulation of growth hormone release from cultured human pituitary adenomas by somatomedins and insulin. *J Clin Endocrinol Metab* 60:1204-1209, 1985
15. Luetscher JA, Kraemer FB, **Wilson DM**, Schwartz HC, Bryer-Ash M: Increased plasma inactive renin in diabetes mellitus: A marker and possible predictor of complications. *N Engl J Med* 312:1412-1417, 1985
16. Bagdade JD, Subbaiah PV, Hintz RL, **Wilson DM**: The measurement of arterial smooth muscle cell mitogens in the blood of oral contraceptive users. *Atherosclerosis* 56:149-155, 1985
17. **Wilson DM**, Baker B, Hintz RL, Rosenfeld RG: Subcutaneous versus intramuscular growth hormone therapy: Growth and acute somatomedin response. *Pediatrics* 76:361-365, 1985
18. **Wilson DM**, Hintz RL, Ross JC, Rosenfeld RG: Sex chromosome fragment in a phenotypically normal female: Significance of Y-related material. *Clinical Pediatrics* 25:36-39, 1986
19. **Wilson DM**, Pitts WC, Hintz RL, Rosenfeld RG: Testicular tumors with Peutz-Jeghers Syndrome. *Cancer* 57:2238-2240, 1986
20. Rosenfeld RG, **Wilson DM**, Lee PDK, Hintz RL: Insulin-like growth factors I and II in growth failure: A critical evaluation. *J Pediatr* 109:428-433, 1986
21. **Wilson DM**, Hammer LD, Duncan PM, Dornbusch SM, Ritter PL, Hintz RL, Gross RT, Rosenfeld RG: Growth and intellectual development. *Pediatrics* 78:646-650, 1986
22. **Wilson DM**, Hoffman AR: Reduction of pituitary size by a somatostatin analog in a patient with an islet cell tumor secreting growth hormone releasing factor. *Acta Endocrin* 113:23-28, 1986
23. Roth KA, **Wilson DM**, Eberwine J, Dorin RI, Barchas JD, Kovacs K, Bensch KG, Hoffman AR: Acromegaly and pheochromocytoma: A multiple endocrine syndrome caused by a plurihormonal adrenal medullary tumor. *J Clin Endocrinol Metab* 63:1421-1426, 1986
24. Lee PDK, **Wilson DM**, Hintz RL, Rosenfeld RG: Growth hormone treatment of short stature in Prader-Willi syndrome. *J Pediatr Endo* 2:31-34, 1987
25. **Wilson DM**, Kraemer HC, Ritter PL, Hammer LD: Growth curves and adult height estimation for adolescents with early and late puberty. *Amer J Dis Child* 141:565-570, 1987
26. **Wilson DM**, Thomas JA, Hamm Jr TE, Wyche J, Hintz RL, Rosenfeld RG: Transplantation of insulin-like growth factor-II secreting tumors into nude rodents. *Endocrinol* 120:1896-1901, 1987

27. Bennett AE, **Wilson DM**, Rosenfeld RG, Hintz RL, Schwartz HC, Stevenson DK: Levels of insulin-like growth factors I and II in infants with idiopathic macrosomia and infants of diabetic mothers. *J Pediatr Endo* 2:23-29, 1987
28. Lee PDK, **Wilson DM**, Rountree L, Hintz RL, Rosenfeld RG: Linear growth response to exogenous growth hormone in Prader-Willi syndrome. *Am J Med Genet* 28:865-871, 1987
29. **Wilson DM**, Kei J, Hintz RL, Rosenfeld RG: Effects of testosterone enanthate therapy for pubertal delay. *Amer J Dis Child* 142:96-99, 1988
30. **Wilson DM**, Frane JW, Sherman B, Johanson AJ, Hintz RL, Rosenfeld RG: Carbohydrate and lipid metabolism in Turner syndrome: The effect of therapy with growth hormone, oxandrolone, and a combination of both. *J Pediatr* 112:210-217, 1988
31. DeLeon DD, Bakker B, **Wilson DM**, Hintz RL, Rosenfeld RG: Demonstration of insulin-like growth factor (IGF-I and -II) receptors and binding protein in human breast cancer cell lines. *Biochem Biophys Resear Comm* 152:398-405, 1988
32. Ocrant I, Valentino KL, Eng LF, Hintz RL, **Wilson DM**, Rosenfeld RG: Structural and immunohistochemical characterization of insulin-like growth factor (IGF) I and II receptors in the murine central nervous system. *Endocrinology* 123:1023-1034, 1988
33. **Wilson DM**, Stevenson DK, Luetscher JA: Plasma prorenin and renin in childhood and adolescence. *Amer J Dis Child* 124:1070-1072, 1988
34. **Wilson DM**, Baldwin RB, Ariagno RL: A randomized, placebo controlled trial of the effects of dexamethasone on the hypothalamic-pituitary-adrenal axis in preterm infants. *J Pediatr* 113:764-768, 1988
35. Lee PDK, Rountree L, Kanner A, **Wilson DM**: Reflectance meters in home blood glucose monitoring. *Practical Diabetology* 7:19-22, 1988
36. **Wilson DM**, Perkins SN, Thomas JA, Seelig S, Berry SA, Hamm Jr TA, Hoffman AR, Hintz RL, Rosenfeld RG: Effects of elevated serum insulin-like growth factor (IGF)-II on growth hormone and IGF-I mRNA and secretion. *Metabolism* 38:57-62, 1989
37. DeLeon DD, **Wilson DM**, Bakker B, Lamson G, Hintz RL, Rosenfeld RG: Characterization of insulin-like growth factor binding proteins from human breast cancer cells. *Molecular Endocrinology* 3:567-574, 1989
38. Ocrant I, Valentino KL, Hoffman AR, Hintz RL, **Wilson DM**, Rosenfeld RG: Structural characterization and immunohistochemical localization of receptors for insulin-like growth factor II in the rat pituitary gland. *Neuroendocrinology* 49:248-254, 1989
39. Luetscher JA, Kraemer FB, **Wilson DM**: Prorenin and vascular complications of diabetes. *American Journal of Hypertension* 2:382-386, 1989
40. Ocrant I, Bangs CD, Johnston KM, Donlon TA, **Wilson DM**, Hintz RL, Rosenfeld RG: Somatic and intellectual development in a patient with 47,XX,psu dic(X)(p11.2) karyotype. *Am J Med Genet* 32:536-539, 1989

41. Lee PDK, **Wilson DM**, Rountree L, Hintz RL, Rosenfeld RG: Efficacy of insulin-like growth factor I levels in predicting the response to provocative growth hormone testing. *Pediatr Research* 27:45-51, 1990
42. DeLeon DD, Bakker B, **Wilson DM**, Lamson G, Rosenfeld RG: Insulin-like growth factor binding proteins in human breast cancer cells: Relationship to hIGF-BP-2 and HIGF-BP-3). *J Clin Endocrinol Metab* 71:530-532, 1990
43. **Wilson DM**, Luetscher JA: Plasma Prorenin and complications in children with insulin-dependent diabetes mellitus. *New Engl J Med* 323:1101-6, 1990
44. Peabody CA, Warner MD, Markoff E, Hoffman A, **Wilson DM**, Csernansky JG: Growth hormone response to growth hormone releasing factor in depression and schizophrenia. *Psych Res* 33:269-276, 1990
45. Donovan SM, Hintz RL, **Wilson DM**, Rosenfeld RG: Insulin-like growth factors I and II and their binding proteins in rat milk. *Pediatr Resear* 29:50-55; 1991
46. Neely EK, Morhenn VB, Hintz RL, **Wilson DM**, Rosenfeld RG: Comparison of insulin-like growth factor receptors and binding proteins in normal and transformed human keratinocytes. *J Invest Dermatol* 96:104-110, 1991
47. Hammer LD, Kraemer HC, **Wilson DM**, Ritter PL, Dornbusch SM: Standardized percentile curves of body mass index for children and adolescents. *Amer Dis J Child* 145:259-263, 1991
48. Hammer LD, **Wilson DM**, Litt IF, Killen JD, Hayward C, Miner B, Vosti C, Taylor CB: The impact of pubertal development on body fat distribution among Caucasian, Hispanic and Asian female adolescents. *J Pediatr* 118:975-80, 1991
49. **Wilson DM**, Killen JD, Hammer LD, Litt IF, Vosti C, Miner B, Taylor CB, Hayward C: Insulin-like growth factor-I as a reflection of body composition, nutrition, and puberty in sixth and seventh grade girls. *J Clin Endocrinol Metab* 73:907-912, 1991
50. **Wilson DM**, Lee PDK, Morris AH, Reiter EO, Gertner JM, Marcus R, Quarmby VE, Rosenfeld RG: Growth hormone therapy in hypophosphatemic rickets. *Amer J Diseases Child* 145:1165-1170, 1991
51. Donovan SM, Atilano LC, Hintz RL, **Wilson DM**, Rosenfeld RG: Differential regulation of the insulin-like growth factors (IGF-I and -II) and IGF binding proteins during malnutrition in the neonatal rat. *Endocrin* 129:149-57, 1991
52. Killen JD, Hayward C, Litt I, Hammer LD, **Wilson DM**, Miner B, Vosti C, Varady A, Shisslak C: Is puberty a risk factor for eating disorders? *Amer J Dis Child* 146:323-325, 1992
53. Gregory JL, **Wilson DM**, Parker B: The overlap syndrome: An unusual presentation - Radiology Case of the Month. *Amer Dis J Child* 146:421-422, 1992
54. DeLeon DD, **Wilson DM**, Powers M, Rosenfeld RG. Effect of insulin-like growth factors (IGFs) and IGF receptor antibodies on the proliferation of human breast cancer cells. *Growth Factors* 6:327-336, 1992

55. **Wilson DM**, Stene MA, Killen JD, Hammer LD, Litt IF, Hayward C, Taylor CB. Insulin-like growth factor binding protein-3 in normal pubertal girls. *Acta Endocrinologica* 126:381-386, 1992
56. Hayward C, Killen JD, Hammer LD, Litt IF, **Wilson DM**, Simmonds B, Taylor CB: Pubertal stage and panic attack occurrence in sixth- and seventh-grade girls. *Amer J Psychiat* 149:1239-1243; 1992
57. Neely EK, Hintz RL, Parker B, Bachrach LK, Cohen P, Olney R, **Wilson DM**. Two year treatment results of depot leuprolide acetate therapy for central precocious puberty. *J Pediatr* 121:634-640; 1992
58. Dawson KL, Wright AM, Bakker B, Pitlick PT, **Wilson DM**, Rosenfeld RG: Cardiovascular screening in Turner's Syndrome: Utility of MR imaging. *Australasian Radiology* 36:204-209, 1992
59. **Wilson DM**, Dotson RJN, Neely EK, Cohen P, Hintz RL, Rosenfeld RG: A randomized trial of the effects of estrogen administration on serum growth hormone concentrations following stimulation with clonidine. *Amer J Dis Child* 147:63-65, 1993
60. Robinson TN, Hammer LD, Killen JD, Kraemer HC, **Wilson DM**, Hayward C, Taylor CB: Does television viewing increase obesity and reduce physical activity? Cross-sectional and longitudinal analyses among adolescent females. *Pediatr* 91:273-280, 1993
61. Killen JD, Taylor CB, Hammer LD, Litt I, **Wilson DM**, Rich T, Hayward C, Simmonds B, Kraemer H, Varady A: Results of an attempt to modify unhealthful eating attitudes and weight regulation practice of young adolescent girls. *International J Eating Disorder* 13:369-384, 1993
62. Olney RC, Smith RL, Kee Y, **Wilson DM**. Production and hormonal regulation of insulin-like growth factor binding proteins in bovine chondrocytes. *Endocrinol* 133:563-570, 1993
63. Kuilboer MM; Shahar Y; **Wilson DM**; Musen MA. Knowledge reuse: temporal-abstraction mechanisms for the assessment of children's growth. *Proceedings Annual Symposium on Computer Applications in Medical Care*, 1993:449-53, 1993.
64. Killen JD, Hayward C, **Wilson DM**, Taylor CB, Hammer LD, Litt I, Simmonds B, Haydel F. Factors associated with eating disorder symptoms in a community sample of 6th and 7th year old girls. *Inter J Eating Disorders* 15:357-367, 1994
65. **Wilson DM**, Killen JD, Hayward C, Robinson TN, Hammer LD, Kraemer HC, Varady A, Taylor CB. Timing and rate of sexual maturation and the onset of cigarette and alcohol use among teenage girls. *Arch Pediatr Adolesc Med* 148:789-795, 1994
66. Killen JD, Taylor CB, Hayward C, **Wilson DM**, Hammer LD, Robinson TN, Litt I, Simmonds BA, Haydel F, Varady A, Kraemer. The pursuit of thinness and onset of eating disorder symptoms in a community sample of adolescent girls: A three year prospective analysis. *Inter J Eating Disorders* 16:227-238, 1994

67. Rosenfeld RG, Tesch L, et al, **Wilson DM**. Recommendations for the diagnosis, treatment and management of individuals with Turner syndrome. *The Endocrinologist* 4:351-358, 1994
68. Olney RC, Anhalt H, Neely EK, **Wilson DM**. A quantitative assay for IGF-I and IGFBP mRNAs using reverse transcription, polymerase chain reaction, and a DNA enzyme-linked immunoassay. *Molecular Cellular Endocrinol* 110:213-223; 1995
69. Neely EK, Hintz RL, **Wilson DM**, Lee PA, Gautier T, Argente J, Stene M. Normal ranges for immunochemiluminometric gonadotropin assays. *J Pediatr* 127:40-46, 1995
70. Neely EK, **Wilson DM**, Lee PA, Stene M, Hintz RL. Spontaneous serum gonadotropin concentrations in the evaluation of precocious puberty. *J Pediatr* 127:47-52, 1995
71. DPT-1 Study Group. The Diabetes Prevention Trial-Type 1 Diabetes (DPT-1). (**Wilson DM** is a member of the study group). Implementation of Screening and Staging of Relatives. *Transplantation Proceedings* 27:3377, 1995
72. Hayward C, Killen JD, **Wilson DM**, Hammer LD, Blair-Greiner A, Strachowski D, Taylor CB: School refusal, depression in early adolescent girls with nonclinical panic attacks. *J Anxiety Disorder* 9:329-338, 1995
73. Olney RC, **Wilson DM**, Mohtai M, Fielder PJ, Smith RL. Interleukin-1 and tumor necrosis factor-alpha increase insulin-like growth factor binding protein-3 (IGFBP-3) production and IGFBP-3 protease activity in human articular chondrocytes. *J Endocrinol* 146:279-286, 1995
74. Faust J, Rosenfeld RG, **Wilson DM**, Durham L, Vardopoulous C: Prediction of depression in the parents of Turner syndrome adolescents as a function of growth hormones, family conflict, and coping style. *Journal of Developmental and Physical Disabilities* 7:221-233, 1995
75. **Wilson DM**, McCauley E, Brown DR, Dudley R, and the Bio-Technology General Corp Cooperative Study Group. Oxandrolone therapy in constitutionally delayed growth and puberty. *Pediatr* 96:1095-1100, 1995
76. Kuilboer MM, **Wilson DM**, Musen MA, Wit JM. CALIPER: Individualized-growth curves for the monitoring of children's growth. *Medinfo* 8 Pt2:1686, 1995.
77. Killen JD, Hayward C, **Wilson DM**, Haydel F, Robinson TN, Simmonds BA, Hammer LD, Taylor CB. Predicting onset of drinking in a community sample of adolescents: The role of expectancy and temperament. *Addictive Behaviors* 21:1-8, 1996
78. Olney RC, Tsuchiya K, Mohtai M, Smith RL, Maloney WJ, Schurman DJ, **Wilson DM**. Chondrocytes from osteoarthritic cartilage have increased expression of IGF-I and IGFBP-3 and -5, but not IGF-II or IGFBP-4. *J Clin Endocrin Metab* 81:1096-1103, 1996
79. Eckert KL, **Wilson DM**, Bachrach LK, Anhalt H, Habiby RL, Olney RC, Hintz RL, Neely EK. A single sample, subcutaneous gonadotropin releasing hormone stimulation test for central precocious puberty. *Pediatrics* 97:517-19, 1996
80. Robinson TN, Killen JD, Litt IF, Hammer LD, **Wilson DM**, Haydel F, Hayward C, Taylor CB. Ethnicity and Body dissatisfaction: Are Hispanic and Asian girls at increased risk for eating disorders? *J Adol Health* 19:384-393, 1996

81. Killen JD, Taylor CB, Hayward C, Haydel F, **Wilson DM**, Hammer LD, Kraemer H, Blair-Greiner A, Strachowski. Weight concerns influence the development of eating disorder symptoms: A 4-year prospective study. *J Consult Clin Psych* 64:936-940, 1996
82. Hayward C, Killen, **Wilson DM**, Hammer LD, Litt IF, Kraemer HC, Haydel F, Varady A, Taylor CB: Psychiatric risk associated with early puberty in adolescent girls. *J Am Acad Adolesc Psychiatry* 32(2):255-262, 1997
83. Brown SJ, Lieberman DA, Gemeny BA, Fan YC, **Wilson DM**, Pasta DJ: Educational video game for juvenile diabetes: Results of a controlled trial. *Med Inform* 22:77-89, 1997
84. Killen JD, Robinson TN, Haydel F, Hayward C, **Wilson DM**, Hammer LD, Litt I, Taylor CB. Prospective study of risk factors for the onset of cigarette smoking. *J Consult Clin Psych* 65:1011-1016, 1997
85. Shahar Y, Chen H, Stites DP, Basso LV, Kaizer H, **Wilson DM**, Musen MA. Semiautomated entry of clinical temporal-abstraction knowledge. *J Am Med Inform Assoc* 6:494-511, 1999
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