Curriculum Vitae

1. **Date:** February 28, 2014

I. PERSONAL INFORMATION

2. **Name:** Roy E. Weiss, MD, PhD, FACP, FAAP, FACE

3. Current Academic Rank: Professor 6a. Current Track of Appointment: Tenured

4. **Primary Department:** Medicine

5. Secondary or Joint Appointments: None

6. Citizenship: U.S.A.

7. **Visa Type** (if non-citizen): N/A

II. HIGHER EDUCATION

8. **Institutional** (institution, degree; date conferred)

Duke University, B.Sc. (Zoology); May 1975

University of South Carolina, Ph.D. (Cell Biology); May 1978

Sackler Medical School, M.D.; May 1985

9. **Non-Institutional** (description; dates)

University of Chicago Hospitals and Clinics, Department of Medicine, PGY -1 (Internship) July 1, 1985 - June 30, 1986

University of Chicago Hospitals and Clinics, Department of Medicine, PGY - 2 and 3 (Residency) July 1, 1986 - June 30, 1988

University of Chicago Hospitals and Clinics, Department of Medicine, Endocrinology, Section of Endocrinology (Fellowship) July 1, 1988 - June 30, 1991 University of Chicago, Hospitals and Clinics, Department of Medicine (Chief Resident) January 1, 1989 - December 31, 1989.

10. **Certification/Licenses** (Description, board or agency; dates)

ECFMG - Permanent Certificate No. 381-780-6 (June 1985)

FLEX Certification (June 1985)

Licenses (Medicine/Surgery) -

State of New York: 164371 (9/30/1985-present) State of Illinois: 036-074219 (3/27/1987-present) State of Florida: ME 119448 (4/08/2014-present)

DEA: BW0831633 (9/30/1985-present)

NPI Number 1104989623 [date N/A]

American Board of Internal Medicine -

Certified in Internal Medicine: 1990-2000, 2001-2011 Certified in Endocrinology and Metabolism: 2000-2010, 2011-2021

Medical Mycology - Duke University Medical Center; (Dr. Norman Conant, Instructor). Certificate Awarded. May 1973

Radiation Safety Program for Principal Investigators, National Institutes of Health, Bethesda, Maryland. License course for the use of radioisotopes - under the supervision of the Nuclear Regulatory Commission. May 1979.

Biochemistry of connective tissue, National Institutes of Health Postgraduate School, Bethesda, MD. K. Piez and V. Hascall, instructors. Fall 1978.

III. EXPERIENCE

11. Academic (institutions; rank/status; dates

The University of Miami/Miller School of Medicine; Chairman; Department of Medicine; June 2014 – present

Jackson Memorial Hospital; Chief of Service; June 2014 – present

The University of Miami Health System; Chief of Service; June 2014- present

The University of Chicago; Rabbi Morris Eformes Professor Emeritus, June 2014 – present

The University of Chicago; Deputy Provost for Research; October 2010- June 2014

The University of Chicago/Pritzker School of Medicine; Department of Medicine; Interim Chairman, Oct 2009 – Oct 2010

The University of Chicago/Pritzker School of Medicine; Executive Vice Chairman, Department of Medicine; April 2009 – June 2014

The University of Chicago/Pritzker School of Medicine; Section Chief of Combined Adult and Pediatric Endocrinology, Diabetes and Metabolism; December 2007 – June 2014

The University of Chicago/Pritzker School of Medicine, Cluster Leader/Program Director, University of Chicago Clinical and Translational Service Award (former GCRC); September 2007 – June 2014

The University of Chicago; Rabbi Morris I. Esformes Endowed Professor of Medicine; January 2007 – June 2014

The University of Chicago/Pritzker School of Medicine; Chief, Section of Endocrinology, Diabetes, & Metabolism; April 2006 – June 2014

The University of Chicago Pritzker School of Medicine; Professor of Pediatrics, Department of Pediatrics; April 2006 – June 2014

The University of Chicago Pritzker School of Medicine; Director, ABIM Endocrinology, Diabetes and Metabolism Fellowship Program, April 2006 – October 2009

The University of Chicago/Pritzker School of Medicine; Program Director, General Clinical Research Center; Nov. 2003 – Sept 2007

The University of Chicago; Professor of Medicine (Tenure 2009), Department of Medicine; July 2003 – June 2014 (Emeritus)

The University of Chicago; Director Core Laboratory, General Clinical Research Center; Associate Director, General Clinical Research Center, Dec. 1999 – Oct. 2003

The University of Chicago Pritzker School of Medicine; Associate Professor of Medicine, Department of Medicine; July 1998 - June 2003

The University of Chicago; Director Core Laboratory, General Clinical Research Center; Assistant Director, General Clinical Research Center; Dec. 1998 - Dec. 1999

The University of Chicago Pritzker School of Medicine; Assistant Professor of Medicine, Department of Medicine, July 1991 - June 1998

The University of Chicago Pritzker School of Medicine; Instructor in Medicine, Department of Medicine, July 1990 - June 1991

University of Southern California School of Medicine; Assistant Professor of Research Orthopedics, June 1980 - Aug. 1981

12. Hospital Appointments (institutes, dates)

Attending Physician and Chief of Service at Jackson Memorial Hospital; June 2014 – present

Attending Physician and Chief of Service at University of Miami Hospital; June 2014-present

Attending Physician at The University of Chicago Hospitals; July 1990 – June 2014

- 13. **Non-Academic** (employers; title; responsibilities; dates) None
- 14. **Military** (branch; rank; responsibility) None

IV. PUBLICATIONS

15. Books and Monographs Published

Books

- 1) **Weiss, RE** and S Refetoff, editors (in press). 2nd Edition Genetic Diagnosis of Endocrine Diseases. *Elsevier*, Philadelphia.
- 2) **Weiss, RE** and S Refetoff, editors (Published May 2010). Genetic Diagnosis of Endocrine Diseases. *Elsevier*, Philadelphia.

Book Chapters

- 1) Weiss, RE, Dumetrescu, A, and S. Refetoff (2010). Syndromes of reduced sensitivity to thyroid hormone. In: Genetic Diagnosis of Endocrine Disorders. Weiss, RE and S. Refetoff, eds. Elsevier, Philadelphia.
- 2) **Weiss, RE** and S. Refetoff (2010) Diagnostic tests of the thyroid. Endocrinology 6th Edition. DeGroot, LJ and LJ Jameson eds. Elsevier, Philadelphia. In press.
- 3) **Weiss, RE** and S Refetoff. (2009). Syndromes of Resistance to Thyroid Hormone. <u>In</u>: Clinical Management of Thyroid Disease. Wondisford, FE (ed) Elsevier, Philadelphia. In press.
- 4) **Weiss, RE** and S Refetoff. (2005). Thyroid Disease. <u>In</u>: Principles of Critical Care, 2/e, Hall, JB, Wood, LDH and Schmidt, GA (eds) McGraw Hill, New York. Revision for 2005, 1231-1244.
- 5) **Weiss, RE,** S Wu and S Refetoff. (2005) Diagnostic tests of the thyroid. Endocrinology 5th edition. DeGroot, L.J. and L.J. Jameson, eds. Elsevier, Philadelphia. 1899-1959.
- 6) de Carvalho, G and **RE Weiss.** (2004). Resistance to thyroid hormone. In: Encyclopedia of Endocrinology. Martini, L. ed. Academic Press, San Diego. pp Vol 4: 208-216.
- 7) **Weiss, RE** and PM Sadow. (2003). Mutations in the thyroid hormone receptor, TSH and TSH receptor genes. <u>In:</u> Encyclopedia of Hormones. Henry, H.L. and A.W. Norman, eds. Academic Press, San Diego. pp 477-483.
- 8) **Weiss, RE** and M Stein. (1999). Thyroid function and Attention Deficit Hyperactivity disorder. <u>In:</u> Attention Deficits and Hyperactivity in Children and Adults: Diagnosis, Treatment and Management. 2nd Edition. Accardo, P.J., Blondis, T.A., Whitman B.Y. and Stein, M.A., eds. Marcel Dekker, Inc., New York. Pp 419-429.

- 9) Refetoff, S and **RE Weiss.** (1997). Resistance to thyroid hormone. <u>In:</u> Molecular Genetics of Endocrine Disorders. R.V. Thakker, ed. Chapman & Hall, London. pp 85-122.
- 10) Refetoff, S and **RE Weiss.** (1997). Resistance to thyroid hormone. <u>In:</u> Molecular Genetics of Endocrine Disorders. R.V. Thakker, ed. Chapman & Hall, London. pp 85-122.
- 11) **Weiss, RE** and S Refetoff. (1992). Thyrotoxicosis. <u>In:</u> Principles of Critical Care Medicine, Hall JB, GA Smith, and LDH Wood (eds). McGraw Hill, New York pp 1992-2000.
- 12) **Weiss, RE** and S Refetoff. (1992). Hypothyroidism, non-thyroidal illness and myxedema coma. <u>In:</u> Principles of Critical Care Medicine, Hall JB, GA Smith, and LDH Wood (eds). McGraw Hill, New York pp 1985-1991.
- 13) Pearl, PL, Weiss, RE and Stein MA (2014) Mimics of ADHD. In: Attention-Deficit Hyperactivity Disorder in Adults and Children, Adler, L. Spencer, TJ, Wilens, TE (eds). Cambridge Univ Press pp 150-160.

16. Juried or refereed journal articles or exhibitions

Articles

- 1) Ferrara, AM, Liao, SH, Gil-Ibanez, P, Bernal, J. Weiss, RE, Dumitrescu, AM, Refetoff, S. Placenta passage of the thyroid hormone analogue DITPA to male wild-type and Mct8 deficient mice. Endocrinology 2014 [in press]. PMID 25051435
- 2) Refetoff, S, Bassett, JH, Beck-Peccoz, P, Bernal, J, Brent, G. CDhatterjee, K., DeGroot, LJ, Dumitrescu, AM, Jameson, JL, Kopp, PA, Murata, Y, persani, L, Samarut, J, Weiss, RE, William, GR and Yen, PM. Classification and proposed nomenclature for inherited defects of thyroid hormone action, cell transport and metabolism. Eur Thyroid J 2014 PMID 24847459; J Clin Endocrinol Metab 2014 99:768-70 PMID 24823702; Thyroid 2014 24:407-9
- 3) Weinberg, BA, Owen-Smith J, Rosen R, Schwartz L, McFadden Allen B, Weiss RE and Lane J. Research Funding. Science funding and short-term economic activity. Science 2014 344:41-3. PMID 24700844
- 4) Bianco AC, Anderson G, Forrest D, Galton VA, Gereben B, Kim BW, Kopp PA, Liao XH, Obregon MJ, Peeters RP, Refetoff S, Sharlin DS, Simonides WS, Weiss RE, Williams GR. American Thyroid Association guide to investigating thyroid hormone economy and action in rodent and cell models. Thyroid 2014. 24:88-168. PMID 24001133

- 5) Greenberg SM, Ferrara AM, Nicholas ES, Dumitrescu AM, Cody V, Weiss RE, Refetoff S. A Novel Mutation in the Albumin Gene (R218S) causing Familial Dysalbuminemic Hyperthyroxinemia in a Family of Bangladeshi Extraction. Thyroid. 2014 24:945-50. PMID:24494774
- 6) Di Cosmo C, Liao XH, Ye H, Ferrara AM, Weiss RE, Refetoff S, Dumitrescu AM. Mct8-deficient mice have increased energy expenditure and reduced fat mass that is abrogated by normalization of serum T3 levels. Endocrinology 2013 154:4885-95. PMID 240229243
- Grogan, RH, Kaplan, SP, Cao, H-Y, Weiss, RE, DeGroot, LJ, Simon, CA, Embia, O, Angelos, P, Kaplan, EL, Schechter, RB. A study of recurrence and death from papillary thyroid cancer with 27-years of median follow up. Surgery 2013 154:1436-46. PMID: 24075674
- 8) Larsen CC, Dumitrescu AM, Guerra Arguero L, Gallego-Suarez C, Vasaquez-Mellado A, Vinogradova M, Fletterick R, Refetoff S, Weiss RE. Incidental Identification of a Thyroid Hormone Receptor beta (THRB) Gene Variant in a Family with Autoimmune Thyroid Disease. Thyroid 2013 Jun 27. [Epub ahead of print] PMID: 23806029
- 9) Vatner DF, Weismann D, Beddow SA, Kumashiro N, Erion DM, Liao XH, Grover GJ, Webb P, Phillips KJ, Weiss RE, Bogan JS, Baxter J, Shulman GI, Samuel VT.Thyroid hormone receptor β agonists prevent hepatic steatosis in fat-fed rats but impair insulin sensitivity via discrete pathways. Am J Physiol Endocrinol Metab. 2013 May 7. [Epub ahead of print] PMID: 23651850
- 10) Ferrara AM, Liao XH, Gil-Ibáñez P, Marcinkowski T, Bernal J, Weiss RE, Dumitrescu AM, Refetoff S. Changes in Thyroid Status During Perinatal Development of MCT8-Deficient Male Mice. Endocrinology. 2013 May 21. [Epub ahead of print] PMID: 23696569
- 11) Morselli LL, Nedeltcheva A, Leproult R, Spiegel K, Martino E, Legros JJ, Weiss RE, Mockel J, Van Cauter E, Copinschi G. (2013) Impact of growth hormone replacement therapy on sleep in adult patients with growth hormone deficiency of pituitary origin. Eur J Endocrinol. 2013 Feb 27. [Epub ahead of print] PMID:23447518
- 12) Verge, CF, Konrad, D., Cohen, M, Di Cosmo, C, Dumitrescu, AM, Marcinkowski, T., Hameed, S., Hamilton, J. Weiss, RE and S. Refetoff. (2012) Diiodothyropropionic acid (DITPA) in the treatment of MCT8 deficiency. J. Clin Endocrinol Metab. 97(12): 4515-23 PMID: 22993035
- 13) Monk, MA, Sims, NA, Dziegielewska, KM, Weiss, RE, Ramsay, REG and S.J. Richardson. (2012). Delayed development of specific thyroid hormone-regulated

- events in transthyretin null mice. Am. J. Physiol Endocrinol Metab. Oct. 23 2012. PMID: 23092911
- 14) Ferrara AM, Onigata K, Ercan O, Woodhead H, Weiss RE, Refetoff S. (2012). Homozygous Thyroid Hormone Receptor β-Gene Mutations in Resistance to Thyroid Hormone: Three New Cases and Review of the Literature. J Clin Endocrinol Metab. 2012 Apr;97(4):1328-36. Epub 2012 Feb 8. PMID: 22319036
- 15) Ciric, I., Zhao, J-C., Du, H., Findling, J., Molitch, M., Weiss, RE., Refetoff, S., Kerr, WD, Meyer, J. (2012) Transphenoidal surgery for Cushing's disease: Experience with 136 patients. Neurosurgery 70:70-80, PMID: 21772221
- 16) Muller, K., D. Fuhrer, J. Mittag, N. Kloting, N. Bluhr, R.E. Weiss, MC Many, S. Kurt Werner, and K. Krohn. (2011) TSH compensates thyroid-specific IGF-1 receptor knockout and causes papillary thyroid hyperplasia. Mol. Endocrinol. 25:1867-79. PMID 21980075
- 17) Barca-Mayo, O., X-H Liao, C. DiCosmo, A. Dumitrescu, L. Moreno-Vinasco, M.S. Wade, S. Sammani, T. Mizapoiazova, J. G.N. Garcia, S. Refetoff and R.E. Weiss (2011) Role of Type 2 deiodinase in response to acute lung injury (ALI) in mice. Proc. Natl. Acad. Sci USA PMID 22065740
- 18) Barca-Mayo, O, Liao, X., Alonso, M., Di Cosmo, C., Hernandez, A., Refetoff, S. and RE Weiss. (2011). Thyroid hormone receptor alpha and regulation of type 3 deiodinase. Mol. Endocrinol. 25:575-83. PMID: 21292823
- 19) Liao, X, Di Cosmo, C., Dumitrescu, AM, Hernandez, A., Van Sande, J., St. Germain, DL, Weiss, RE, Galton, VA, and S. Refetoff (2011) Distinct roles of the deiodinases on the phenotype of Mct8 defect: a comparison of 8 different mouse genotypes. Endocrinology. 152:1180-91. PMID: 21285310
- 20) Astapova, I, Vella, KR, Ramadoss, P, Holtz, KA, Rodwin, BA, Liao, XH, Weiss, RE, Rosenberg, MA, Rosenzweig, A and Hollenberg AN (2011) The nuclear receptor corepressor (NCoR) controls thyroid hormone sensitivity and the setpont of the hypothalamic pituitary thyroid axis. Mol. Endocrinol. 25:212-24. PMID: 21239618
- 21) Di Cosmo, C., Liao, XH, Dumitrescu, AM, Philp, NM, Weiss, RE and S. Refetoff (2010) Mice deficient in MCT8 reveal a mechanism regulating thyroid hormone secretion. J. Clin. Invest. 120(9):3377-88. PMID: 20679730
- 22) Barkoff, MS, Kocherginsky, M, Anselmo, J., Weiss, RE and S. Refetoff (2010) Autoimmunity in patients with resistance to thyroid hormone. J. Clin. Endocrinol. Metab. 95:3189-93. PMID: 20444926
- 23) You, S-H, Liao, X, Weiss, RE and M.A. Lazar. (2010) The interaction between nuclear receptor corepressor and histone deacetylase 3 regulates both positive and

- negative thyroid hormone action in vivo. Molec Endocrinol 24:1359-67. PMID: 20427468
- 24) Wang D, Xia X, Weiss RE, Refetoff S, Yen PM. Distinct and histone-specific modifications mediate positive versus negative transcriptional regulation of TSHalpha promoter. PLoS One. 2010 Mar 24;5(3):e9853.PMID: 20352046
- 25) Copinschi G, Nedeltcheva A, Leproult R, Morselli LL, Spiegel K, Martino E, Legros JJ, Weiss RE, Mockel J, Van Cauter E. Sleep Disturbances, Daytime Sleepiness, and Quality of Life in Adults with Growth Hormone Deficiency. J Clin Endocrinol Metab. 2010 Mar 23. [Epub ahead of print]PMID: 20332249
- 26) Dumitrescu AM, Di Cosmo C, Liao XH, Weiss RE, Refetoff S. The syndrome of inherited partial SBP2 deficiency in humans. Antioxid Redox Signal. 2010 Apr 1;12(7):905-20.PMID: 19769464
- 27) DiCosmo, C., McLellan, N., Liao, X-H., Khanna, K.K., Weiss, R.E. Papp, I. and S. Refetoff (2009) Clinical and molecular characterization of a novel selenocysteine insertion sequence-binding protein 2 (SBP2) gene mutation (R128X). J. Clin. Endocrinol. Metab. Oct;94(10):4003-9. Epub 2009 Jul 14. PMID: 19602558
- 28) Alonso, M, Goodwin, C, Liao, X-H, Ortiga-Carvalho, T, Marchado, DS, Wondisford, FE, Refetoff, S and RE Weiss (2009) In vivo interaction of SRC-1 and the AF-2 domain of the thyroid hormone receptor (TR) b: A study of thyroid hormone action in TRb E457A knock-in and SRC-1 knock-out mice. Endocrinology. [Epub ahead of print] PMID: 19406944.
- 29) DiCosmo, C, Liao, X-H, Dumitrescu, A, Weiss, RE and S. Refetoff (2009). A thyroid hormone analogue with the potential of preventing the hormonal defects in tissues caused by monocarboxylate transporter 8 (MCT8) gene mutation. Endocrinology.Sep;150(9):4450-8. Epub 2009 Jun 4 PMID: 19497976
- 30) Moeller, LC, Wardrip, C, Niekrasz, M, Refetoff, and RE Weiss (2009). Comparison of thyroidectomized calf serum for the study of thyroid hormone action in human skin fibroblasts in vitro. Thyroid. 19:639-644.
- 31) Bassett JH, Williams AJ, Murphy E, Boyde A, Howell PG, Swinhoe R, Archanco M, Flamant F, Samarut J, Costagliola S, Vassart G, Weiss RE, Refetoff S, and GR Williams. (2008). A lack of thyroid hormones rather than excess TSH causes abnormal skeletal development in hypothyroidism. Mol Endocrinol. Feb;22(2):501-12. Epub 2007 Oct 11.
- 32) Alonso, M, C Goodwin, X Liao, D Page, S Refetoff and RE Weiss. (2007). Effects of maternal levels of thyroid hormone on the hypothalamus-pituitary-thyroid setpoint: studies in TH receptor β knockout mice. Endocrinology. Nov;148(11):5305-12. Epub 2007 Aug 9.

- 33) Moeller, LC, M Alonso, X Liao, V Broach, A Dumitrescu, J Van Sande, L Montanelli, S Skjei, C Goodwin, H Grasberger, S Refetoff and RE Weiss. (2007). Pituitary-Thyroid setpoint and TSH receptor (TSHR) expression in consomic rats. Endocrinology. Oct;148(10):4727-33. Epub 2007 Jul 19.
- 34) Maier, J, H van Steeg, C van Oostrom, R Paschke, RE Weiss and K Krohn. (2007). Iodine deficiency activates antioxidant genes and causes DNA damage in the thyroid gland of rats and mice. Biochim Biophys Acta. Jun;1773(6):990-9.
- 35) GR Williams. (2007) Thyroid hormone excess rather than TSH deficiency induces osteoporosis in hyperthyroidism. Molec. Endocrinol. Feb 27; [Epub ahead of print] PMID: 17327419.
- 36) RE Weiss, JP Roux, L Malaval, Clement-Lacroix, J Samarut, O Chassande and Bassett, JH, PJ O'Shea, S Sriskantharajah, B Rabier, A Boyde, PG Howell,
- 37) Littlejohn, EE, RE Weiss, D Deplewski, DV Edidin and R Rosenfield. (2007) Intractable early childhood obesity as the initial sign of insulin resistant hyperinsulinism and precursor of polycystic ovary syndrome. J. Ped. Endocrinol. Metabolism. Jan;20(1):41-51.
- 38) Brown, RL, R. Wollman RE Weiss (2007) Transformation of a pituitary macroadenoma into a corticotroph-secreting carcinoma over 16 years. Endocrine Pract. 13:463-71.
- 39) Suri, D, M Alonso and RE Weiss. (2006) A case of ACTH-independent bilateral macronodular adrenal hyperplasia and severe congestive heart failure. J. Endocrinol. Investig. 29(10):940-6.
- 40) Suri, D, J Moran, JU Hibbard, K Kasza and RE Weiss. (2006) Assessment of Adrenal Reserve in Pregnancy: Defining the normal response to the ACTH stimulation tests. J. Clin. Endocrinol. Metab. 91(10):3866-72. [2006 Aug 8 Epub].
- 41) Dumetrescu, AM, XH Liao, RE Weiss, K Mullen and S Refetoff. (2006). Tissue specific thyroid hormone deprivation and excess in Mct8 deficient mice. Endocrinology. 147(9) 4036-43. [2006 May 18 Epub].
- 42) Mamansiri, S, S Yesli., AM Dumitrescu, XH Liao, RE Weiss and S Refetoff. (2006) Mosacicism of a Thyroid Hormone Receptor (TR) beta gene mutation in resistance to thyroid hormone. J. Clin. Endocrinol. Metab. 91(9):3471-7. [2006 Jun 27 Epub].
- 43) S Refetoff and RE Weiss (2006) A novel TRb mutation that fails to bind nuclear receptor corepressor in a patient as an apparent cause of severe, predominately pituitary resistance to thyroid hormone. J Clin. Endocrinol. Metab. 91:1887-1895 [2006 Feb 7 Epub].

- 44) Wu, SY, RN Cohen, E Simsek, DA Senses, NE Yar, H Grasberger, J Noel,
- 45) Brown, RL, T Muzzafar, R Wollman and RE Weiss (2006). A pituitary carcinoma secreting TSH and prolactin: a non-secreting adenoma tone awry. Eur J Endocrinol. 154: 639-43.
- 46) L Montanelli, RE Weiss, G Vassart, S Costagliola and S. Refetoff (2006). A novel germline constitutive active mutation in the Thyrotropin Receptor (M626I) disrupts critical hydrophic packing interactions constraining transmembrane Helices 3 and 6. Molec Endocrinol. 20(4): 893-903.
- 47) Ringkananont, U, H Grasberger, J Van Durme, F Ugrasbul-Eskina, M Yu,
- 48) EL Kaplan and AL Shalhav. (2006) Open versus laparoscopic simultaneous bilateral adrenalectomy. Urology. 67(4):693-6. Epub 2006 Apr 11.
- 49) Mikhail, AA, SR Tolhurst, MA Orvieto, BR Stockton, KC Zorn, RE Weiss, Ramos, HE and RE Weiss. (2006) Regulation of nuclear coactivator and cerebellar expression in mouse cerebellum by thyroid hormone. Thyroid. 16(3):211-6.
- 50) Ringkananont, U, JV Durme, L Montanelli, F Ugrasbul, M Yu, RE Weiss, S Refetoff and H Grasberger. (2006) Repulsive separation of the cytoplasmic ends of transmem-brane helices 3 and 6 is linked to receptor activation in a novel thyrotropin receptor mutant (M626I). Molec. Endocrinol. 20:893-903. [2005 Dec 8; Epub ahead of print].
- 51) M Mimouni, RE Weiss, G Vassart and S Refetoff. (2005) Autosomal dominant resistance to thyrotropin as a novel etiology in five multigenerational kindreds: Clinical characterization and exclusion of candidate loci. J. Clin. Endocrinol. Metab. 90(7):4025-34.
- 52) DL Metzger, H Abdullatif, C Rydlewski, PE Macchia, NH Scherberg, J Van Sande, Grasberger, H, A Mimouni-Bloch, MC Vantyghem, G Van Vliet, M Abramowicz, G Boran, L Schomburg, RE Weiss and S Refetoff. (2005). Mutations in SECISBP2 result in abnormal thyroid hormone metabolism. Nature Genetics. 37(11):1247-52.
- 53) Dumitrescu, AM, XH Liao, MSY Abdullah, J Lado-Abeal, FA Majed, LC Moeller, Wu, SY, PM Sadow, S Refetoff and RE Weiss. (2005). Tissue responses to thyroid hormone in a kindred with resistance to thyroid hormone harboring a commonly occurring mutation in the thyroid hormone receptor b gene (P453T). J. Clin. Lab. Med. 146:85-94.
- 54) Marrif, H, A Schifman, Z Stepanyan, MA Gillis, A Calderone, RE Weiss, J Samarut and JE Silva. (2005) Temperature homeostasis in transgenic mice lacking thyroid hormone receptor alpha gene products. Endocrinology. 146:2872-84.

- 55) Aksoy, DY, A Gurlek, U Ringkananont, RE Weiss and S Refetoff. (2005) Resistance to thyroid hormone associated with autoimmune disease in a Turkish family. J. Endocrinol. Investig. 28:379-83.
- 56) MC Lebrethon, A Verloes and S Refetoff. (2005) A de novo mutation in an already mutant nucleotide of the thyroid hormone receptor b gene perpetuates resistance to thyroid hormone. J. Clin. Endocrinol. Metab. 90:1760-1767.
- 57) Lado-Abeal, J, AM Dumitrescu, XH Liao, RN Cohen, J Pohlenz, J., RE Weiss, Suri, D and RE Weiss. (2005) Effect of pioglitazone on ACTH and cortisol secretion in Cushing's Disease. J. Clin. Endocrinol. Metab.90:1340-1346.
- 58) Weiss, RE (2005) An odyssey of hyperprolactinemia in a young woman: Idiopathic hyperprolactinemia, hypothyroidism and a pituitary microadenoma. The Endocrinologist. 15: 95-98.
- 59) R Weiss, J Mockel, J-J Legros and G Copinschi. (2004). Reciprocal interactions between the GH axis and sleep. Growth Hormone & IGF Res 14:S10-S17.
- 60) Van Cauter, E, F Latta, A Nedeltcheva, K Spiegel, R Leproult, C Vandenbril, Martin, NM, CJ Small, A Sajedi, XH Liao, RE Weiss, JV Gardiner, MA Ghatei and SR Bloom. (2004) Abnormalities of the hypothalamic-pituitary thyroid axis in the pro-opiomelanocortin deficient mouse. Regulatory Peptides. 15:169-72.
- 61) Anselmo, J, D Cao, T Karrison, RE Weiss and S Refetoff. (2004) Fetal loss associated with excess thyroid hormone. J Am Med Assoc 292:691-5.
- 62) Weiss RE and HE Ramos. (2004) Thyroid hormone receptor subtypes and their interaction with steroid receptor coactivators. Vitam Horm 68:185-207.
- 63) Mannavola, D, LC Moeller, Beck-Peccoz, L Persani, RE Weiss and S Refetoff. (2004) A novel splice variant involving the 5'untranslated region of thyroid hormone receptor b1 (TRb1). J Endocrinol. Investig. 27:318-22.
- 64) J Samarut, S Refetoff and PS Meltzer. (2003) Effects of ligand and thyroid hormone receptor isoforms on hepatic gene expression profiles of thyroid hormone receptor knockout mice. EMBO Rep 4: 581-587.
- 65) Yen, PM, X Feng, F Flamant, Y Chen, RL Walker, RE Weiss, O Chassande, Weiss, RE (2003) Empty sella following spontaneous resolution of a pituitary macroadenoma. Hormone Research. 60: 49-52.
- 66) Y Sherer, A Ornoy, S Refetoff, RE Weiss, N Rose and Y Shoenfeld. (2003) The pathogenic role of anti-thyroglobulin antibody on pregnancy: Evidence from an active immunization model. Human Reproduction. 18:1094-1099.

- 67) Matalon, ST, M Blank, Y Levy, HJA Carp, A Arad, L Burek, E Grunnebaum, RE Weiss. (2003) Specificity of thyroid hormone receptor subtype and steroid receptor coactivator (SRC)-1 on thyroid hormone action. Am. J. Physiol. Endo. Metabol 284:E36-E46.
- 68) Sadow, PM, K Gauthier, O Chassande, J Samarut, J Xu, BW O'Malley and RE Weiss. (2003) Regulation of thyroid hormone receptor isoforms and coactivators in liver and heart by thyroid hormone. Molec. Cell Endo. 203:65-75.
- 69) Sadow, PM, K Gauthier, O Chassande, J Samarut, J Xu, BW O'Malley and H Seo, Y Murata and RE Weiss. (2003) Thyroid hormone receptor specific interactions with steroid receptor coactivator—1 in the pituitary. Molecular Endocrinology 17:882-94.
- 70) Sadow, PM, E Koo, O Chassande, K Gauthier, J Samarut, J Xu, BW O'Malley, Stein, MA and RE Weiss. (2003). Thyroid function tests and neurocognitive functioning in children referred for ADHD. Psychoneuroendocrinology 28(3):304-16.
- 71) Cunningham, JM, OM Buxton and RE Weiss. (2002). Circadian variation in Cushing's disease and pseudo-Cushing states by analysis of cortisol and adrenocorticotropin pulsatility. J. Endocrinological Investig. 25:791-799.
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17. Other Works, Publications, and Abstracts

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- 15) Brown, RL and RE Weiss. (2005). A Pituitary Adenoma Gone Amuck: A non-secreting pituitary adenoma's journey to a TSH- and Prolactin-secreting pituitary carcinoma over nine years. The Endocrine Society*
- 16) Wu, S, R Cohen, E Simsek, S Refetoff and RE Weiss. (2005) A Novel TRb Mutation that Fails to Bind NCoR in a Patient with Severe Resistance to Thyroid Hormone. The Endocrine Society*
- 17) Moeller, LC, X-H Liao, V Broac, J VanSande, M Sampedro, S Refetoff and RE Weiss. (2005) Pituitary-Thyroid feedback and TSH Receptor (TSHR) Expression In Consomic Rats The Endocrine Society*
- 18) Suri, D, J Moran, J Hibbard and RE Weiss. (2005) Defining the Normal Cortisol Response to the ACTH Stimulation Test in Pregnancy: Implications for Assessing Adrenal Reserve and the Investigation of Hypothalamic-Pituitary-Adrenal Disorders in Pregnancy. The Endocrine Society
- 19) Boran G, Weiss RE and Refetoff S. (2005) Inherited iodothyronine deiodinase (DIO) 2 deficiency caused by mutations in the selenocysteine insertion sequence binding protein (SBP) 2 gene The Endocrine Society *Abbott Award
- 20) Dumitresucu, AM, X-H Liao, SYM Abdullah, J Lado-Abeal, F Majed, LC Moeller, Suri, D and RE Weiss (2004) The effect of pioglitazone on ACTH

- and cortisol secretion in human Cushing's disease. AFMR Chicago, April 14, 2004.
- 21) Ramos, HE, S Refetoff and RE Weiss. (2002). Clinical studies in 2 families with resistance to thyroid hormone harboring the same mutation in the thyroid hormone receptor b (R316H). Brazilian Endocrine Congress.
- 22) Meltzer P. (2002). cDNA microarray analyses of hepatic gene regulation by thyroid hormone (TH) in TRa and TRb knockout mice. The Endocrine Society.
- 23) Yen, PM, X Feng, F Flamant, R Walker, RE Weiss, J Samarut, S Refetoff and Sadow, P, O Chassande, J Xu, E Koo, J Samarut, B O'Malley and RE Weiss. (2002). Autoregulation of Expression of Thyroid Hormone Receptor Isoforms and Coactivators in Liver and Heart by Thyroid Hormone. American Thyroid Association.
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- 25) Nedeltceva, AV, K Speigal, R Leproult, R Schneider, RE Weiss, J Mockel, C Van Den Bril, G Copinschi and E Van Cauter. (2002). Adult growth hormone deficiency is associated with poor sleep quality. The Endocrine Society.
- 26) Sadow, P, O Chassande, J Xu, E Koo, J Samarut, B O'Malley and RE Weiss. (2002). Thyroid hormone receptor subtype-specific interaction with SRC-1 mediates thyroid hormone dependent gene expression in mouse liver. American Thyroid Association.
- 27) RE Weiss. (2001). Thyroid function in mice deficient thyroid hormone receptor a or b in combination with SRC-1: Evidence for isotype specificity. American Thyroid Association, Washington, D.C.
- 28) Sadow, P, O Chassande, J Xu, E Koo, J Samarut, B O'Malley, S Refetoff and Anselmo, J, T Kay, K Dennis, R Szmulewitz, S Refetoff and RE Weiss. (2001). Resistance to thyroid hormone does not abrogate the transient thyrotoxicosis associated with gestation. American Thyroid Association, Washington, D.C.
- 29) Dennis, K, J Pohlenz, A Dimutrescu, P Sadow, M Darin, R Szmulewitz, RE Weiss and S Refetoff. (2001). A survey on the etiology of resistance to thyroid hormone. American Thyroid Association, Washington, D.C.

- 30) Samarut J, Murata Y, Weiss and Refetoff S. (2000). Mutant thyroid hormone receptor (TR) b interferes with wild type TRa function in vivo. The Endocrine Society.
- 31) Macchia, PE, T Takeuchi, T Kawai, K Cua, O Chassande, Y Hayashi, H Seo, J Samarut, Y Murata, S Refetoff and RE Weiss. (2000). Complete absence of TRa increases the sensitivity to thyroid hormone (TH) in mice. The Endocrine Society. (*RW was selected as a finalist Mentor for the Knoll Award)
- 32) Macchia, PE, Y Takeuchi, T Kawai, K Cua, O Chassande, H Seo, Y Hayashi, Macchia, PE, Y Takeuchi, T Kawai, K Cua, K Gauthier, O Chassande, H Seo, Y Hayashi, J Samarut, Y Murata, RE Weiss and S Refetoff (2000). Mutant thyroid hormone receptor (TR)b interferes in vivo with TRa function as demonstrated by somatic gene transfer into TRb deficient mice. The American Thyroid Association, Kyoto, Japan.
- 33) Murata Y. (2000). Role of steroid receptor coactivator 1 (SRC-1) in the transcrip-tional regulation by thyroid hormone: A study using SRC-1 deficient mice. The American Thyroid Association, Kyoto, Japan.
- 34) Takeuchi, Y, Y Halyashi, H Seo, RE Weiss, S Refetoff, J Xu, BW O'Malley and Carvalho, GA, S Refetoff, O Chassande, J Samarut and RE Weiss. (1999). Hypothalamic-pituitary-thyroid axis in thyroid hormone receptor (TR) ß knockout mice. Fourth International Workshop on Resistance to Thyroid Hormone, Sao Paulo, Brazil.
- 35) Pohlenz, J, RE Weiss, PE Macchia, S Pannain and S Refetoff. (1999). Six families with resistance to thyroid hormone (RTH) not caused by mutations in the thyroid hormone receptor (TR) gene. Fourth International Workshop on Resistance to Thyroid Hormone, Sao Paulo, Brazil.
- 36) Refetoff S. (1999). The molecular basis of resistance to thyroid hormone in 158 families. Fourth International Workshop on Resistance to Thyroid Hormone, Sao Paulo, Brazil.
- 37) Pholenz, J, PM Sadow, S Pannain, PE Macchia, S Reutrakul, RE Weiss and Cunningham, JM, OM Buxton, E Van Cauter and RE Weiss. (1999). 24-Hour ACTH and cortisol secretory profiles in patients with hypercortisolemia: Usefulness in diagnosis. The Endocrine Society, San Diego, Ca.
- 38) Weiss, RE, J Xu, G Ning, J Pohlenz, BW O'Malley and S Refetoff. (1999). Mice deficient in the steroid receptor coactivator 1 (SRC-1) are resistant to thyroid hormone. The Endocrine Society, San Diego Ca.

- 39) Manders, L, J Pohlenz, K McBurnett, L Pfiffner, P Kansal, D Triezenberg, S Refetoff and RWeiss. (1997). A novel point mutation in the thyroid hormone receptor β (TRβ) gene (P247L) causing resistance to thyroid hormone (RTH). The American Thyroid Association, Portland, Oregon.
- 40) Pannain, S. RE Weiss, CE Jackson, D Dian, JC Beck, VC Sheffield, N Cox, GI Bell and S Refetoff. (1997). Two different mutations in the thyroid peroxidase gene complicate linkage analysis in a large Amish kindred. The American Thyroid Association, Portland Oregon.
- 41) Pohlenz, J, I Rosenthal, RE Weiss and S Refetoff. (1997). Hypothyroidism due to iodide trapping defect caused by mutations in the sodium/iodide symporter (NIS) gene. The American Thyroid Association, Colorado Springs, CO, October 15-19, 1997. Thyroid 7(Suppl 1):S-108.
- 42) Carvalho, GA, RE Weiss and S Refetoff. (1997). Complete thyroxine binding globulin (TBG) deficiency caused by a mutation in an intron that affects the acceptor splice site. The American Thyroid Association, Colorado Springs, CO, October 15-19, 1997. Thyroid 7(Suppl 1):S-60.
- 43) Sadow, PM, RE Weiss, and S Refetoff. (1997). Phenotypic variation in 3 unrelated families with resistance to thyroid hormone (RTH) due to an identical mutation in the thyroid hormone receptor β gene (R320C). The Third International Workshop on Resistance to Thyroid Hormone, Aspen, Co. October 12-13, 1997. Thyroid 7:815.
- 44) Stein, MA, RE Weiss and S Refetoff. (1997). Thyroid function tests, hyperactivity, cognitive deficits, and unusual behaviors in clinic-referred children: Is there a relationship. Int. Soc. for Res. in Child Adolescent Psychopathology, Paris, France June 25-29, 1997.
- 45) Aldasouqi, S, R Schnute, S Refetoff and R Weiss. (1996). The syndrome of resistance to thyroid hormone, misdiagnosed and treated as hyperthyroidism. American College of Endocrinology
- 46) Weiss, RE, CE Jackson, H Tunca, R Kher and S Refetoff. (1996). Iodide organification defect causing cretinism in a large Amish kindred is not linked to the thyroid peroxidase gene. International Congress of Endocrinology, June 21, San Francisco, Ca
- 47) Refetoff, S, V Marinov-Zlatev, H Tunca, MM Byrne, T Sunthronthepvarakul and RE Weiss. (1996). A new mutant transthyretin-Val109 producing hyperthyroxinemia mis-diagnosed as thyrotoxicosis and resistance to thyroid hormone. International Congress of Endocrinology, June 21, San Francisco, Ca

- 48) AvRuskin, TW, N Cunningham, CS Juan, H Tunca, RE Weiss and S Refetoff. Molecular diagnosis of familial dysalbuminemic hyperthyroxinemia(FDH). (1996). International Congress of Endocrinology, June 21, San Francisco, Ca
- 49) Weiss, RE, Y Hayashi, T Nagaya, KJ Petty, Y Murata, H Seo and S Refetoff. (1995)*. Familial resistance to thyroid hormone (RTH) not linked to defects in the thyroid hormone receptors (TR) alpha or beta genes. American Thyroid Association. Sept. 10-15, Toronto, Canada
- 50) Weiss, RE, T Sunthornthepvarakul, DM Bagley, N Cox, CA Alper and S Refetoff. (1994)*. Linkage of albumin (ALB) to familial dysalbuminemic hyperthyroxinemia (FDH) in a large Amish kindred. Endocrine Society, June 15-18, Anaheim, Ca.
- 51) Weiss, RE, K Kobayashi, MJ Ratain, E Vokes and NJ Vogelzang. (1994). The chronic effect of Suramin (S) on adrenal function: Impaired glucocorticoid and mineralocorticoid reserve. Endocrine Society, June 15-18, Anaheim, Ca.
- 52) Weiss, RE, M Stein, W Phillips, T O'Brien and S Refetoff. (1993). The effect of liothyronine (L-T3) on the behavior of children with attention deficit disorder (ADD) with and without generalized resistance to thyroid hormone (GRTH): Preliminary results of a prospective double blind placebo cross-over trial. American Thyroid Association. Nov 10-14, Tampa, Fl.
- 53) Weiss, RE, C Marcocci, G Bruno-Bossio and S Refetoff. (1993). Genetic "polymorphism" in association with a specific thyroid hormone receptor mutation may be responsible for the variable phenotype of generalized resistance to thyroid hormone. American Thyroid Association. Sept. 22-26, Rochester Mn.
- 54) Stein, MA, R Weiss, B Trommer and S Refetoff. (1993). Thyroid abnormalities in ADHD children. Biol. Psychiatry 33:111A #271.
- 55) Weiss, RE and S Refetoff. (1992)*. Mutational Hot Spots in the thyroid hormone receptor beta gene in 11 unrelated families with generalized resistance to thyroid hormone. Endocrine Society, June 24-27, San Antonio Tx.
- 56) Hayashi, Y, OE Janssen, RE Weiss, Y Murata, H Seo and S Refetoff. (1992). Are the relative levels of mutant thyroid hormone receptor gene expression responsible for the variable clinical manifestations of generalized resistance to thyroid hormone? American Society for Clinical Investigation. Baltimore Md., May 1-4, 1992.

- 57) Sakurai, A., RE Weiss, K Takeda, LJ Miyamoto, LJ DeGroot and S Refetoff. (1991). Molecular mechanisms of thyroid hormone resistance. Presented at International Symposium on Hormone Action and Its Disorders, July 3, 4. Tokyo.
- 58) Weiss, RE, K Takeda and S Refetoff. (1991)*. Mutations in the thyroid hormone receptor beta gene detected by denaturing gradient gel electrophoresis in eighteen families with thyroid hormone resistance. Presented at the 73rd Annual Meeting of the Endocrine Society.
- 59) Kovacs, L, N O'Meara, R Weiss, D Roland and GL Robertson. (1991). Abnormal vasopressin secretion and thirst in Shapiro's syndrome. Presented at the 73rd Annual Meeting of the Endocrine Society.
- 60) Weiss, RE, S Balzano, N Scherberg and S Refetoff. (1989)*. Detection of generalized resistance to thyroid hormone (GRTH) by neonatal screening. Confirmation of the diagnosis and early treatment. Presented at the 71st Annual Meeting of the Endocrine Society. Endocrinology 123(s): 181.
- 61) Weiss, RE, Y Mori, K Takeda, S Seino, GI Bell and S Refetoff. (1989). Sequence of the human thyroxine-binding globulin (TBG) by neonatal screening: Confirmation of the diagnosis and its structural homology to the serpin superfamily. Clinical Research 37(3): 536A
- 62) Weiss, RE, D Ehrmann, E Van Cauter, V Fang and S Refetoff. (1988). Differential response to cyproheptadine treatment in 2 subtypes of Cushing's Disease. Endocrinology 122(s): 214.
- 63) 12) Alexander, CA, RE Weiss, ME Nimni and R Cumar. (1981). Levels of fibronectin in the serum of diabetic patients. Diabetes.
- 64) 11) Weiss, RE, AH Gorn and ME Nimni. (1981). Proteoglycans in cartilage and bone of diabetic rats. Calcif. Tiss. Int. 33: 316.
- 65) 10) Weiss, RE, FR Singer, AH Gorn and ME Nimni. (1981). Calcitonin stimulates bone formation when administered prior to initiation of osteogenesis. Calcif. Tiss. Int. 33: 306.
- 66) Weiss, RE and AR Hand. (1981). Effects of streptozocin induced diabetes on the rat parotid gland. J. Dental Res. 60A:395.
- 67) Weiss, RE, AH Reddi and ME Nimni. (1981). Somatostatin can locally inhibit proliferation of cartilage and bone precursor cells. Tran. Orthop. Res. Soc. 6: 46.

- 68) Weiss, RE, AH Reddi and EV Lenk. (1980). Insulin regulates the fibronectin mediated collagenous matrix cell interaction. J. Cell Biol. 87: 124A.
- 69) Weiss, RE and AH Reddi. (1980). Innumno fluorescent localization of fibronectin during endochondral bone formation. Fed. Proc.: 39: 956.
- 70) Blackwelder, PL, RE Weiss, AS Blake and N Watabe. (1979) Crystal structure and composition in fish scales. S.C. Acad. Sci. p 107.
- 71) Weiss, RE and AH Reddi. (1979)*. Endochondral bone formation in diabetic rats. J. Dental Res. 58A:428.
- 72) Weiss, RE, BD Leeth and N Watabe. (1978)*. Bone resorption in fish an ultrastructural study. S. C. Acad. Sciences p. 100.
- 73) Weiss, RE and N Watabe. (1978)*. Ultrastructure of osteogenesis and resorption in osteocytic and anosteocytic fish bones. Am. Zool. 18: 622.
- 74) Weiss, RE and N Watabe. (1977)*. Biology of fish bone. I. Resorption after scale removal. Am. Zool. 17: 36.
- 18. Other works accepted for publication: N/A

V. PROFESSIONAL

19. Funded Research Performed (grants in the last five years)-

U54 RR023560 (Solway)

6/01/12 - 06/01/17

NIH/NCRR

Clinical Translational Science Award (CTSA)

Multi-project facility aimed to foster patient oriented research.

Role: Program Director (formerly GCRC)

T32 DK064582 (Weiss)

07/01/04 - 6/30/14

NIH/NIDDK

Pediatric Endocrinology Research Training Grant

The Training Program in Pediatric Endocrinology will train pediatric physicianscientists in the investigation of endocrine diseases. This program is in response to the severe shortage of physician-scientists who have careers focused on pediatric endocrinology. The program will emphasize all aspects of pediatric endocrinology including disorders of growth and development, puberty, obesity, the thyroid, and diabetes.

Role: PI

R37 DK015070 (Refetoff)

7/01/11 - 06/30/16

NIH/NIDDK

Thyroid Physiology Studies of Inherited Disorders

The overall goal of this project is to identify and characterize human genetic errors that cause defects of thyroid hormone, cell transport and metabolism

Role: Investigator

P60 DK020595 (Bell)

12/1/12 - 11/30/17

NIH/NIDDK

Diabetes Research & Training Center

The DRTC supports core research activities in basic and clinical diabetes and endocrinology research

Role: Co-Director, Transgenic Core

DGE-1348961 (Wineberg)

9/1/13 - 8/31/17

NSF (Subcontract through Ohio State University)

Collaborative Research: STEM workforce training: A quasi-experimental approach using the effects of research funding

This supports analysis of large data banks of research data regarding CIC STAR metrics.

Role: Consultant

20. Editorial Responsibilities

Editorial Boards

Doody Publishing, Endocrine Editor (1994 – 2005)

Thyroid, Editorial Board member (1999 – 2008)

American Journal of Physiology, Editorial Board member (1999 – 2006)

Encyclopedia of Hormones, Academic Press: Associate Editor (2001 – 2005)

Publications Committee, American Association Clinical Endocrinologists (2005 – 2011)

Clinical Research Committee, American Association Clinical Endocrinologists (2008-2011)

Thyroid, Associate Editor (2005 – 2008)

Endocrinology, Editorial Board (2010-present)

21. Professional and Honorary Organizations

Professional Societies

Association of Professors of Internal Medicine (APM)

American Association of Clinical Endocrinologists (AACE)

American College of Physicians (ACP)

American Federation for Clinical Research (AFCR)

American Physiological Society (APS)

American Thyroid Association (ATA)

The Endocrine Society

Central Society for Research

Chicago Medical Society

American Medical Association

22. Honors and Awards

National March of Dimes Award

National Science Foundation Undergraduate Fellowship (GN-3922)

American Thoracic Society Summer Fellowship

National Institute of Arthritis, Metabolism and Digestive Diseases, Individual

Research Service Award (NIH/PHS, #F32AM06057)

Alpha Omega Alpha (AOA) Medical Honor Society

Block Award

Clinical Associate Physician Award (CAP), National Institutes of Health

1997 Senior Class Picture, Pritzker Medical School

1999 Fellow American College of Physicians

2002 Temporary Study Section Member/ NIH/ Endocrinology Review Group

2004 Senior Class Picture, Pritzker Medical School/Teaching Award

2004 Commencement Speaker for Pritzker School of Medicine

2005 Special Emphasis Panel/NIH/Regional Translational Research Centers

2006 Fellow American College of Endocrinology

2006 Temporary Study Section Member/NIH/ICER Review Group

2007 Senior Class Picture, Pritzker Medical School/Teaching Award

2007 Rabbi Morris I. Esformes Endowed Professorship

2007 Temporary Study Section Member/NIH/ Endocrinology and Metabolism Review

2007- present: Advisory Board, Friends with Diabetes

2007- present: Advisory Board, Bildirici Diabetes Center, Israel

2008 Preclinical Teacher of the Year Award

2008- 2014: Illinois State Medical Society, Member of Committee on Drugs and Therapeutics

2009 Senior Class Picture, Pritzker Medical School/Teaching Award

2009 FDA Study Section for Orphan Drugs

2010 FDA Study Section for Orphan Drugs

2011 - present: Central Society for Clinical Research Board of Directors

2011 FDA Study Section for Orphan Drugs

2011 NIH Special Emphasis Panel Review Group

2012 Vice President: Central Society for Clinical Research

2013 Fellow, American Academy of Pediatrics

2013 President Elect: Central Society for Clinical and Translational Research

23. Postdoctoral Fellowships

National Institutes of Health; Postdoctoral Fellow (Received an Individual Research Service Award); June 1978 - May 1980

24. Other Professional Activities

Selected Invited National/International Meetings

Organizing Committee 9th International Workshop on Resistance to Thyroid Hormone, Madrid, Spain – 2014

Organizing Committee 8th International Workshop on Resistance to Thyroid Hormone, Quebec City, Canada – 2012

Invited Speaker, Pediatric Academic Societies, Denver, CO -2011

Invited Speaker, British Endocrine Society – Harrogate England – 2009

Organizing Committee 7th International Workshop on Resistance to Thyroid Hormone, Azores Portugal – 2007

Visiting Professor; Sainte-Justine Hospital, Department of Pediatrics, University of Montreal, Montreal H3T 1C5, Quebec, Canada. – 2006

6th International Workshop on Resistance to Thyroid Hormone, Lyon France – 2005 – Speaker

Latin America Thyroid Society/European Thyroid Society Combined Meeting, Buenos Aires, Argentina – 2005. Speaker

Fifth International Workshop on Resistance to Thyroid Hormone, Sunny Isles, Florida – 2003. Organizing committee.

National Toxicology Program – CERHR Workshop: Thyroid Toxicants: Assessing Reproductive Health Effects, Alexandria, VA – 2003

The Endocrine Society Annual Meeting, Chief Judge, Abbott Award – 2002

The Endocrine Society Annual Meeting, Session Chair Thyroid Hormone, Basic Action – 2002

American Thyroid Association Annual Meeting Meet The Professor – Mouse Models of Thyroid Hormone Resistance – 2002 (postponed because of "9/11")

Fourth International Workshop on Resistance to Thyroid Hormone, Verbania, Italy 2001

The Endocrine Society Annual Meeting, Session Chair Thyroid Hormone, Basic Action – 2001

University of Rochester, Department of Medicine Grand Rounds – 2001

University of Connecticut Health Science Center, Clinical Research Center, Grand Rounds – 2001

University of Illinois at Urbana, School of Veterinary Medicine, Grand Rounds – 2001

University of Miami, Department of Medicine Grand Rounds – 2000

Latin America Thyroid Association – Lecture, Igasu Falls – 1999

Federal University of Paraná, Curitiba, Paraná, Brazil – 1998

Brazilian Endocrine Society – Plenary Lecture, Sao Paulo –1998

Organizing Committee, III International Workshop on Resistance to Thyroid Hormone, Aspen, CO, 1997

Chairperson, Bone and Nutrition Session at XII International Congress of Nutrition, San Diego, Ca, 1981

International Symposium on Osteoporosis, Israel, 1981

First International Conference on the Chemistry and Biology of Mineralized Connective Tissues, Chicago, IL, 1981

Third International Workshop on Mineralized Tissues, Israel, 1980

Gordon Research Conferences, Bones and Teeth - 1977, 1978, 1979, 1980, 1981

VI. **TEACHING**

25. Teaching Awards Receiving -

1997, 1998 Teaching Award from residents in internal medicine (selected from over 300 faculty in the Department of Medicine)

1997, 2004, 2007, 2009 – Teaching Award from medical students (selected from over 900 faculty by the graduating class of 100-88 medical students)

26. Teaching Specialization

June 1988 – June 2014:

Instructor/Lecturer in:

Endocrine Physiology (1st year medical students) Physical Diagnosis (2nd year medical students)

Clinical Pathophysiology (2nd year medical students)

Internal Medicine Clerkship (3rd year medical students)
Vignettes in Physiology (4th year medical students)

Endocrinology Outpatient Elective (4th year medical students)

Fellow Endocrine Core Curriculum Lectures (Endocrine fellows and

Residents) -2-3 times per year

Endocrine Consults (Students, Residents and Fellows)

Resident's Morning Report – (Residents) Monthly

Sports and Medicine

Course Director – Biochemistry (Required for first year Med Students) 2009-2014

Course Director – Endocrine Physiology (Required for first year Med Students) 2004 - 2013

VII. SERVICE

28. University Committee and Administrative Responsibilities

1997- 2000:	Council of University Senate
1990- 1999:	Chairman, Physician Scientist Committee, Department of
Medicine	
1989- 1999:	Member, Internship Selection Committee
1989- 1999:	Member, Psychiatry Chair Search Committee
2004-2007:	Member, Committee on Research Resources
2004- 2014:	Member, Dean's Executive Committee
2004- 2005:	Member, Neurology Chair Search Committee
2005-2006:	Member, Pediatric Endocrinology Chair Search Committ
2005-2009:	Council of University Senate
2007-2009:	Bioinformatics Research Initiative Advisory Committee
2009-2012	Council of University Senate
2009-2010	Committee of The Council
2009- 2014	Chairman, Clinical Operations Task Force, Dept of Med
2012-2014	Chairman, Provost's Safety Committee
2011-2014	Chairman, Faculty Financial Conflict of Interest Commit
2012-2014	Chairman, Provost's Committee on OnLine Learning
2011-2014	ExOfficio Member, Standing Comm on Academic Fraud
2011- 2014	ExOfficio Member, Standing Comm on Intel Property
2011-2014	ExOfficio Member, Graham School Board of Directors
2014-2014	Chair, Graham School Dean Search Committee
2014	Chair, University Librarian Search Committee

29. Community Activities: None

27. Thesis and Dissertation Advising / Postdoctoral Students Supervision

27. Thesis and Dissertation Advising / Postdoctoral Students Supervision Past/Current Pre or Training Prior Academic Degree Title of Research Project Current Position or Source of										
Students	Postdoc	Period		F FIOF A	Academic Degree	Title of Research Project	Support			
			Degree	Yr	Institution					
Hoffman, E	Post	96-98	M.D.	92	Loyola University, Chicago	Cushing's Disease	Private Practice & Attending Physician, West Suburban Hospital, Oak Park			
Carvalho, G	Post	97-99	M.D.	88	Federal University of Parana, Brazil	Inherited thyroid diseases	Servico de Endocrinologia e Metabologia do Hospital das Clinicas da Universidade Federal do Parana, Curitiba, Brazil			
Cunningham, J	Post	98-00	M.D.	95	University Virginia	Hormonal profile of patients with Cushings disease	Department of Environmental Medicine, University of Rochester School of Medicine, Rochester, NY			
Sadow, P	Pre	98-03	B.S.	90	Johns Hopkins University Baltimore	Cofactors in thyroid hormone signaling	Assistant Professor, Pathology, Brigham & Womens Hospital, Boston			
Dennis, K	Pre	99-01	M.D.	01	University of Chicago	Thyroid hormone resistance				
Feldman, M	Pre	99	M.S.	98	University of Illinois	Inherited thyroid diseases	Hospital of the University of Pennsylvania, Philadelphia			
Alonso, L	Post	00-02	M.D.	98	University Pennsylvania	Thyroid hormone resistance	Postdoctoral Associate, Rockefeller University			
Kon, Y	Post	00-02	M.D.	96	Royal College Physicians, Edinburgh, SCOT	Etiologies of Addison's Disease	Tan Tock Seng Hospital			
Lado-Abeal, J	Post	00-02	M.D.	89	University Santiago De Com Postela, Spain	Thyroid nodules	Professor and Chief, Endocrinology, Univ. of Texas; Galveston			
Szmulewitz,	Pre	00-03	M.D.	03	University of Chicago	Thyroid hormone resistance	Fellow, Heme/Onc. Univ. of			

Past/Current Students	Pre or Postdoc	Training Period	Prior Academic Degree			Title of Research Project	Current Position or Source of Support
Ramos, H	Post	02-04	M.D.	97	Medicine School of Bahia, Salvador, Bahia, Brazil	Molecular basis of thyroid hormone action	Faculty, University of Parana, Curitiba, Brazil.
Suri, D	Post	03-05	M.D.	03	University of Chicago	Cushings Disease	Private Practice, Academic Endocrine, Metabolism & Nutrition, Naperville, IL
Wu, S	Post	03-05	M.D.	03	Rush University, Chicago	Thyroid hormone resistance	Assistant Professor of Internal Medicine, Rush Medical Center, Chicago, IL
Broach, V	Pre	03-	B.S.	03	University of Chicago	Thyroid hormone action	Medical Student IV Endocrine Society Fellowship
Aronsohn, Renee	Post	03-	M.D.	03	University of Chicago	Glucose metabolism and sleep	T32 DK007011
Sampedro, M	Post	04-	Ph.D.	97	University Santiago de Compostela	Molecular basis of thyroid hormone action	Asst. Prof. Univ Santiago de Compostela
Brown, Rebecca	Post	04-06	M.D.	03	University Pennsylvania	Cushings Disease	Assistant Professor of Medicine, University of Chicago
Skjei, Steve	Post	04-06	M.D.	01	University of Chicago	Pharmcogenetics of Thyroid disease	Private Practice & Attending Physician, West Suburban Hospital, Oak Park, IL
Hulur, Imge	Pre	06-07	B.S.	06	University of Chicago	Maternal Fetal Thyroid Economy	Medical Student II
Barkoff, Marla	Post	07-08	M.D.	04	Boston University School of Medicine	Autoimmunity and Thyroid	T32 DK007011
Kessler, Lynn	Post	07-08	M.D.	03	New York University School of Medicine	Sleep Deprivation and metabolic disorder	Endocrinology Fellow
May, Olga Barco	Post	08-	Ph.D.	08	University Santiago de Compostela	Maternal Fetal Thyroid Economy	Postdoctoral Assoc.