

CURRICULUM VITAE
BARBARA RUTH HIRSCH, M.D. MS F.A.C.E.
North Shore Diabetes & Endocrine Associates
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PERSONAL DATA:

Date of Birth: September 30, 1955
Marital Status: Married, two children

EDUCATION:

Undergraduate 1976 B.S., Human Development and Family Studies,
Cornell University, Ithaca, New York
Medical School 1980 M.D., SUNY Buffalo School of Medicine,
Buffalo, New York
Masters 2013 M.S. Narrative Medicine, Columbia University; New York

POSTGRADUATE:

Internship 1980-1981 Internal Medicine, Long Island Jewish Hospital,
New Hyde Park, New York
Residency 1981-1983 Internal Medicine, Mt. Sinai Hospital,
New York, New York
Fellowship 1983-1985 Endocrinology, Albert Einstein College of Medicine,
Bronx, New York

BOARD CERTIFICATIONS:

1981 National Board of Medical Examiners
1983 Internal Medicine
1985 Endocrinology and Metabolism
1995 Fellowship American College of Endocrinology

MEDICAL LICENSURE:

July 1981 New York # 146421

CURRENT POSITION

1985-Present	Staff Endocrinologist and Partner Director of Educational Programming North Shore Diabetes and Endocrine Associates, New Hyde Park, New York
January 2015-ongoing	Healer's Art faculty; Hofstra Medical school
March 2010-Present	Narrative Medicine Working Group, Hofstra North Shore-LIJ School Of Medicine
July 2011 – Present	Clinical Assistant Professor; Department of Medicine Hofstra North Shore-LIJ School of Medicine
March 2011 to Present	<u>Narrateur Reflections on Caring</u> ; Hofstra North Shore –LIJ School of Medicine Art and Literary Review. Editorial Advisory Board, Photography
2013-Present	Founder and facilitator of “Come Write with Us” writing group for the North Shore Long Island Jewish Health System
2013-Present	Osler Society Advisory Committee at Hofstra North Shore- LIJ School of Medicine (SOM)
2016-ongoing	Humanities and Medicine, MS4 elective Hofstra SOM
2016-ongoing	Sustaining Doctors Committee; Center for Pastoral Education The Jewish Theological Seminary
2016-ongoing	Healing Professionals advisory board, Temple BethEl, Great Neck, New York

ATTENDING STAFF

1986 - Present	Long Island Jewish Hospital, New Hyde Park, New York
1985 - 1996	Little Neck Community Hospital, Little Neck, New York
1995 - Present	North Shore University Hospital, Manhasset, New York

MEMBERSHIPS

Human Ecology Alumni Association Board; Cornell
University (HEAA)
American Diabetes Association; Professional Education Committee of the Long Island
Chapter
New York Diabetes Association Clinical Society
American College of Physicians
Nassau Chapter of American Medical Women's Association,
Board Member of National Council of Women in Medicine, Board of Trustees
North American Menopause Society
American Association of Clinical Endocrinologists

Endocrine Society

HONORS/AWARDS:

1980	Dr. Louis Sklarow Outstanding Graduate in Medicine Award
1980	Emilie Davis Rodenberg Memorial Award for Academic Excellence in the Study of Diabetes and its Complications
1976	Robert Wood Johnson Scholarship for Medical Studies

PUBLICATIONS

- 2014 Jhaveri KD, Berger E, Shah HH, Ouchi T, Mandel H, Hirsch B, Farber N, Nelkin M, Murn M, Fornari A. Narrative Medicine Reflective Writing in the Dialysis Unit. Poster presentation at The American Society of Nephrology, Philadelphia, Nov 2014.
- 2012 Hirsch, Barbara. *Into the Wind*. 2007. *Narrateur Reflections on Caring*. 1st ed. pg. 39. Print.
- 2012 Issac Sachmechi, Aileen Wang, and Barbara Hirsch. An Unusual Case of Levothyroxine Allergy. *AACE 21st Annual Scientific and Clinical Congress*. 23 May 2012 Philadelphia, PA: AACE, 2012. Print.
- 1987 Hirsch, Shamoon: Defective Epinephrine and Growth Hormone Responses in Type I Diabetes Are Stimulus Specific. *Diabetes* 36:20-26.
- 1982 Davis, Spector, Hirsch, Walshe, Yoshida: Comparison of Pituitary Thyroid Function in Patients with End-Stage Renal Disease and In Age- and Sex-Matched Controls. *Kidney International* 21:362-364
- 1976 Poger, Hirsch, Lamm: Synthesis of Secretory Component in Colonic Neoplasms. *American Journal of Pathology*; 82:327-338

CONFERENCES, LECTURES, ADVISORY BOARDS

- 2016 US Diabetes Community Endocrinologist Expert Input Forum, Merck, Jersey City, New Jersey
- 2016 Diabetes Scientific Council Meeting, Janssen, Dallas Texas
- 2016 Health Systems Type 2 Diabetes Management Advisory Board, Dallas, Texas
- 2015 Experiencia Clinica conSGLT-2 en EE.UU
XXVI Congreso Nacional de la Sociedad Espanola de Diabetes; 15-17 Abril 2015
- 2015 Fall Steering Committee Meeting, Janssen, SF, CA
November 2015
- 2015 Steering Committee Meeting, Janssen, Houston, Texas,
MAY 2015
- 2014-ongoing Narrative Ethics lecture, Certificate in Clinical Bioethics,
Hofstra University Bioethics Center

- 2014 "Facilitator Narrative Workshop."
Student Advising. Columbia University. Columbia University, New York. 2014. Lecture.
- 2014 Identifying the T2DM Treatment Algorithm in an Evolving Landscape; Advisory board, Janssen, Short Hills, New Jersey
- 2012 Issac Sachmechi, Aileen Wang, and Barbara Hirsch. An Unusual Case of Levothyroxine Allergy. *AACE 21st Annual Scientific and Clinical Congress*. 23 May 2012 Philadelphia, PA: AACE, 2012. Print.
- 1985 American Diabetes Association: Counter-regulatory Hormones (CRH) During Exercise: Variable Dependence on Ambient Glycaemia.
- 1980 American Society of Nephrology: *The Pituitary-Thyroid Gland Axis is Normal in Chronic Renal Failure*.

PRESENTATIONS:

- 1994 Lauren Collier, Channel 68, Osteoporosis -Diagnosis and treatment
- 1994 Joan Hamberg Show, WOR radio broadcast
The Role of Estrogen Replacement Therapy for Women at Mid-Life American Diabetes Association
- 2006 The Role of Angiotensin Blockade in the Treatment of Hypertension in Diabetes Mellitus; Queens Hospital Center; Sinai School of Medicine Department of Medicine Grand Rounds

CME CONFERENCES/Presented As DIRECTOR OF EDUCATIONAL PROGRAMMING:

October 11, 1997 Perspective on the Treatment and Prevention of Non-Insulin Dependent Diabetes Mellitus, co-sponsored by Long Island Jewish Medical Center and North Shore Diabetes & Endocrine Associates. The Garden City Hotel, Garden City NY. 5 ACCME credits. Supported by an unrestricted grant from Bristol-Myers Squibb Pharmaceuticals.

February 24, 1998 Designer Estrogens & Postmenopausal Health-Understanding Selective Estrogen Receptor Modulators (SERMS), co-sponsored by Long Island Jewish Medical Center and North Shore Diabetes & Endocrine Associates. The Garden City Hotel, Garden City, NY. 2 ACCME credits. Supported by an unrestricted grant from Eli Lilly & Company.

May 20, 1998/

June 3, 1998 Type 2 Diabetes Training – Incorporating New Treatment Modalities into Clinical Practice, co-sponsored by Long Island Jewish Medical Center and North Shore Diabetes & Endocrine Associates. Wyndham Windwatch Hotel, Hauppauge, LI and the Garden City Hotel, Garden City, NY. 2.5 ACCME credits. Supported by an unrestricted grant from Bristol-Myers Squibb Pharmaceuticals.

August 9, 1998 Treatment for Obesity – Triangle for Success – Behavior, Nutrition, Medication, co-sponsored by Long Island Jewish Medical Center and North Shore Diabetes & Endocrine Associates. The Long Island Marriott, Uniondale, L.I. 2.5 ACCME credits. Supported by an unrestricted grant from Knoll Pharmaceuticals.

November 14, 1998 Insulin Resistance Syndrome – The Pathway to Glucose Control, co-sponsored by Long Island Jewish Medical Center and North Shore Diabetes & Endocrine Associates. The Garden City Hotel, Garden City, NY. 5.0 ACCME credits. Supported by an unrestricted grant from Parke-Davis Pharmaceuticals.

February, March,

May 1999 Diabetes in the Millennium – Complication Prevention and New Treatment Options, co-sponsored by Long Island Jewish Medical Center and North Shore Diabetes & Endocrine Associates. The Garden City Hotel, Garden City, NY, Wyndham Windwatch Hotel, Hauppauge, LI and Waters' Edge, Long Island City, NY. 3.0 ACCME credits. Supported by an unrestricted grant from Schering Diabetes and Novo Nordisk.

June 3 1999/

June 26, 1999 Safety & Efficacy of Oral Hypoglycemic Agents - Individualizing the Approach, jointly sponsored by Long Island Jewish Medical Center and North Shore Diabetes & Endocrine Associates. Wyndham Windwatch Hotel, Hauppauge, LI and Garden City Hotel, Garden City, NY. 2.0 ACCME credits. Supported by an unrestricted grant from Parke-Davis Pharmaceuticals.

September 29, 1999 Male Hypogonadism and Erectile Dysfunction – Understanding the Differences, jointly sponsored by Mount Sinai School of Medicine, Page and William Black Post-Graduate School for Continuing Medical Education and North Shore Diabetes & Endocrine Associates. Roslyn Claremont Hotel, Roslyn, NY. 2.5 ACCME credits. Supported by an unrestricted grant from Alza Pharmaceuticals.

October 13, 1999 Successful Strategies for the Control of Type 2 Diabetes, jointly sponsored by Long Island Jewish Medical Center and North Shore Diabetes & Endocrine Associates. Garden City Hotel, Garden City, NY. 2.0 ACCME credits, Supported by an unrestricted grant from Eli Lilly & Company.

October 23, 1999 Insulin Resistance Syndrome – Current Approaches in the Management of Type 2 Diabetes, jointly sponsored by Mount Sinai School of Medicine, Page and William Black Post-Graduate School for Continuing Medical Education and North Shore Diabetes & Endocrine Associates. The Garden City Hotel, Garden City, NY. 4.0 ACCME credits. Supported by an unrestricted grant from Parke-Davis Pharmaceuticals.

November 10, 1999 Type 2 Diabetes Training: The Management of Concurrent Conditions, jointly sponsored by Mount Sinai School of Medicine and North Shore Diabetes & Endocrine Associates. Roslyn Claremont Hotel, Roslyn, NY. 3.0 ACCME credits. Supported by an unrestricted grant from Bristol-Myers Squibb.

December 2, 1999 Type 2 Diabetes – A Rational Approach to Management in the Millennium, jointly sponsored by Mount Sinai School of Medicine, Page and William Black Post-Graduate School for Continuing Medical Education and North Shore Diabetes & Endocrine Associates. Punta D'oro Restaurant, Astoria, NY. 3.0 ACCME credits. Supported by an unrestricted grant from Bristol-Myers Squibb.

March 4, 11, 18 2000 Obesity In The Millennium – Taking Control, jointly sponsored by Long Island Jewish Medical Center and North Shore Diabetes & Endocrine Associates. Water's Edge Restaurant, Long Island City, NY., Roslyn Claremont Hotel, Roslyn, NY and Wyndham Windwatch Hotel, Hauppauge, NY. 2.5 ACCME credits. Supported by an unrestricted grant from Roche Pharmaceuticals.

June 22, 2000 Current Trends in Diabetes Treatment and the Impact of Cardiovascular Disease on the Affected Population, jointly sponsored by Long Island

Jewish Medical Center and North Shore Diabetes & Endocrine Associates. The Mark Hotel, New York, NY. 3.0 ACCME credits. Supported by an unrestricted grant from SmithKline Beecham Pharmaceuticals.

December 14, 2000 Obesity and Thyroid Dysfunction: A Clinical Overview, jointly sponsored by The Foundation for Better Health Care and North Shore Diabetes & Endocrine Associates. The Hilton Huntington, Melville, NY. 2.5 ACCME credits. Sponsored by an unrestricted grant from Knoll Pharmaceuticals.

April 24, 2001 The Heterogeneous Etiology of Type 2 Diabetes and Its Impact on Coronary Artery Disease and Mortality, jointly sponsored by North Shore Long Island Jewish Health System and North Shore Diabetes & Endocrine Associates. The Roslyn Claremont Hotel, Roslyn, NY, 3.0 ACCME credits. Supported by an unrestricted grant from Pfizer Inc.

June 27, 2001 Advances and Changes Trends in Medicine jointly sponsored by North Shore Long Island Jewish Health System and North Shore Diabetes & Endocrine Associates. The Vanderbilt, Plainview, NY. 3.0 AACME credits. Supported by an unrestricted grant from Aventis Pharmaceuticals

March 14, 2002 The Heterogeneous Etiology of Type 2 Diabetes and Its Impact on Coronary Artery Disease and Mortality, jointly sponsored by North Shore Long Island Jewish Health System and North Shore Diabetes & Endocrine Associates. The Water's Edge, Long Island City, NY, 3.0 ACCME credits. Supported by an unrestricted grant from Pfizer Inc.

RESEARCH:

Sub-Investigator - Combined Oral Agent - Hoechst
Sub-Investigator - Non-healing Foot Ulcer Study Phase II - Advanced Tissue Sciences
Sub-Investigator - Foot Ulcer Study, Telios
Sub-Investigator - Infected Diabetic Foot Ulcers, Magainin
Sub-Investigator - Erectile dysfunction Phase II - Vivus
Sub-Investigator - Erectile dysfunction Phase III & Open-label - Vivus
Sub-Investigator - Non-healing Foot Ulcer Study Phase III - Advanced Tissue Sciences
Sub-Investigator - Peripheral Arterial Occlusive Disease - Alpha Therapeutic Corporation
Sub-Investigator - Diabetic Nephropathy Type II - Alteon
Sub-Investigator - Diabetic Nephropathy Type I - Alteon
Sub-Investigator - Diabetic Gastroparesis - Janssen Research Foundation
Sub-Investigator - Essential Hypertension - Wyeth-Ayerst
Sub-Investigator - Osteoporosis - Eli Lilly
Sub-Investigator - Endometrial Hyperplasia - Eli Lilly
Sub-Investigator - New Insulin in IDDM - Hoechst-Roussel
Sub-Investigator - New Insulin in NIDDM - Hoechst-Roussel
Sub-Investigator - Osteoporosis - Merck
Sub-Investigator - Diabetic Lower Extremity Ulcers - Oxford
Sub-Investigator - Proteinuria - Merck
Sub-Investigator - Alzheimer - Pfizer
Sub-Investigator - Diabetic Oral Agent - Parke-Davis
Sub-Investigator - Diabetic Oral Agent - Bayer
Sub-Investigator - Diabetic Oral Agent - Takeda
Sub-Investigator - Fast Acting Insulin - Novo Nordisk
Sub-Investigator - Metastatic Bone Disease - Boehringer-Mannheim
Sub-Investigator - Intravitreal Hemorrhage - Advanced Corneal Systems
Sub-Investigator - CHF - Ciba (Novartis)
Sub-Investigator - Fast Acting Insulin Combination - Eli Lilly
Sub-Investigator - Hypopituitary - Eli Lilly
Sub-Investigator - Obesity - Wyeth-Ayerst
Sub-Investigator - Renal Impairment Type II Diabetics - Takeda
Sub-Investigator - Hormone Patch - Wyeth-Ayerst
Sub-Investigator - New Insulin - Type I - Hoechst Marion Roussel
Sub-Investigator - New Insulin - Type II - Hoechst Marion Roussel
Sub-Investigator - Erectile Dysfunction - Schiff & Co.
Sub-Investigator - Diabetic Oral Agent - SmithKline Beecham Pharmaceuticals
Sub-Investigator - Diabetic Oral Agent - SmithKline Beecham Pharmaceuticals
Sub-Investigator - Diabetic Oral Agent & CHF - SmithKline Beecham Pharmaceuticals
Sub-Investigator - Diabetic Oral Agent - Takeda America
Sub-Investigator - Diabetic Oral Agent - Takeda America

Sub-Investigator - Diabetic Oral Agent - Takeda America
Sub-Investigator - Genitourinary Atrophy - Eli Lilly
Sub-Investigator - Diabetic Oral Agent - Bristol-Myers Squibb
Sub-Investigator - Diabetic Oral Agent - Bristol-Myers Squibb
Sub-Investigator - Diabetic Oral Agent - Glaxo Wellcome
Sub-Investigator - New Insulin - Type I - Hoechst Marion Roussel
Sub-Investigator - Diabetic Oral Agent - Takeda America
Sub-Investigator - Diabetic Foot Ulcer - Organogenesis
Sub-Investigator - Diabetic Polyneuropathy - Pfizer
Sub-Investigator - Oral Diabetic - Parke-Davis
Sub-Investigator - Disposable Pen - Eli Lilly
Sub-Investigator - Oral Diabetic - Novartis
Sub-Investigator - Hypertension - Novartis
Sub-Investigator - Obesity - Amgen
Sub-Investigator - Obesity - Amgen
Sub-Investigator - Oral Diabetic - Bristol-Myers Squibb
Sub-Investigator - Oral Diabetic (Extension) - Takeda
Sub-Investigator - Hypertension (x3) - Bristol-Myers Squibb
Sub-Investigator - Oral Diabetic - Parke-Davis
Sub-Investigator - Obesity - Hoffman LaRoche
Sub-Investigator - Inhaled Insulin (x3) - Pfizer
Sub-Investigator - HRT - Berlex Labs
Sub-Investigator - Diabetic Retinopathy - Eli Lilly
Sub-Investigator - Diabetic Macular Edema - Eli Lilly
Sub-Investigator - Flu - Hoffman LaRoche
Sub-Investigator - Neuropathy - Parke-Davis
Sub-Investigator - Obesity & Diabetes - Amgen
Sub-Investigator - Oral Diabetic - Novartis
Sub-Investigator - Oral Diabetic - Parke-Davis
Sub-Investigator - Hyperlipidemia - SmithKline
Sub-Investigator - Oral Diabetic - Takeda
Sub-Investigator - Hypertriglyceridemia - Rhone-Poulenc Rorer
Sub-Investigator – Oral Diabetic (X3) – Glaxo Wellcome
Sub-Investigator – Lipid Lowering – Parke-Davis/Pfizer
Sub-Investigator – Hypercholesterolemia – Parke-Davis/Pfizer
Sub-Investigator – Hypertension – Bristol Myers Squibb
Sub-Investigator – Insulin – Hoechst Marion Roussel
Sub-Investigator – Oral Diabetic – Pharmacia & Upjohn
Sub-Investigator – Painful Diabetic Neuropathy – Bristol-Myers Squibb
Sub-Investigator – Oral Diabetic – Bristol-Myers Squibb
Sub-Investigator – Oral Diabetic – Merck
Sub-Investigator – Lipid/Diabetes – Merck
Sub-Investigator – Anemia in Early Renal Insufficiency (X2) – OrthoBiotech

Sub-Investigator – URI – ViroPharma
Sub-Investigator – Oral Diabetic – Takeda
Sub-Investigator – Oral Diabetic – Takeda
Sub-Investigator – Oral Diabetic – AstraZeneca
Sub-Investigator – Oral Diabetic – Pharmacia & Upjohn
Sub-Investigator – Hypertension – Bristol-Myers Squibb
Sub-Investigator – Oral Diabetic – Pfizer
Principal Investigator – Oral Diabetic – Novartis
Sub-Investigator – Oral Diabetic – Aventis
Sub-Investigator – Oral Diabetic – Insmed
Sub-Investigator – Oral Diabetic – Bristol-Myers Squibb
Sub-Investigator – Oral Diabetic – Bristol-Myers Squibb
Sub-Investigator – Oral Diabetic – Wyeth-Ayerst
Sub-Investigator – Long Acting Insulin – Aventis
Sub-Investigator – Fast Acting Insulin – Aventis
Sub-Investigator – Oral Diabetic – Novartis
Sub-Investigator – Oral Diabetic – Bristol-Myers
Sub-Investigator – Insulin – NovoNordisk
Sub-Investigator – Pump X2 – Restoragen
Sub-Investigator – Oral Diabetic – Novartis
Sub-Investigator – Osteoporosis – Wyeth-Ayerst
Sub-Investigator – Insulin – Aventis
Sub-Investigator – Lipid/Diabetes – Merck
Sub-Investigator- Nephropathy- Speedel
Sub-investigator- Metabolic Syndrome- Bristol Myers Squibb/Sanofi Partnership
Sub-investigator- Hypertension- Novartis
Sub-investigator- Inhaled Insulin- NovoNordisk
Sub-investigator- Inhaled Insulin- MannKind
Sub-investigator- Lipid- Merck
Sub-investigator- Latent Autoimmune Disease of the Adult- DeveloGen
Sub-investigator- Microalbuminuria and Gross Albuminuria- Kerry
Sub-investigator- Insulin/Drug Naïve – Bristol Meyers Squibb
Sub-Investigator- Oral Diabetic agent- National Institute of Health
Sub-Investigator- Insulin- Brigham Women’s Hospital
Sub Investigator - Painful Diabetic Neuropathy Abbott
Sub Investigator- Injectable Diabetic Medication- Amylin
Sub Investigator – Nephropathy- Nephrogenex
Sub Investigator – Hypertension- Takeda
Sub Investigator- Oral Diabetic Agent- National Institute of Health
Sub Investigator- Oral Diabetic Agent-Novartis

Sub Investigator- Injectable Diabetic Medication- Novo Nordisk
Sub Investigator- Injectable Diabetic Medication- Amylin
Sub Investigator- Hypertension- Novartis
Sub Investigator- Inhaled insulin (COPD) - MannKind
Sub Investigator- Oral Diabetic Agent- Johnson and Johnson
Sub Investigator- Oral Diabetic Agent- Akros
Sub Investigator- Oral Diabetic Agent- Forest (x2)
Sub Investigator- Diabetic Nephropathy-Fibrogen
Sub Investigator- Inhaled insulin (device)-MannKind
Sub Investigator- Oral Diabetic Agent- AstraZeneca
Sub Investigator- Oral Diabetic Agent- Johnson and Johnson
Sub Investigator- Insulin Delivery Device- Valeritas
Sub Investigator- Diabetic Nephropathy-Abbott
Sub Investigator-Insulin for Type 1 Diabetics- Lilly
Sub Investigator-Insulin for Type 2 Diabetics- Lilly
Sub Investigator-Insulin for Type 1 Diabetics- Sanofi
Sub Investigator-Insulin for Type 2 Diabetics- Sanofi
Sub Investigator-Injectable Diabetic Medication- Sanofi
Sub Investigator-Injectable medication for Hyperlipidemia- Amgen
Sub Investigator-Oral Diabetic Agent- Bristol-Myers
Sub Investigator-infusible medication for insulin pump- Halozyme Therapeutics
Sub Investigator-Diabetic Nephropathy-AbbVie
Sub Investigator- MACE assessment of an Oral Diabetic Agent- AstraZeneca
Sub Investigator-Injectable Diabetic Medication-Sanofi
Sub Investigator-Injectable Diabetic Medication- Sanofi
Sub Investigator- MACE assessment of weight loss medication - Eisai