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Education

Nov 2001 ABIM Certification: Endocrinology
Aug 1999 ABIM Certification: Internal Medicine
June 1992 M.D. (Internal Medicine)
PGIMER (Post Graduate Institute of Medical Education and Research),
Panjab University, Chandigarh, India, 160012
Jan 1989 M.B.B.S.
Christian Medical College
Panjab University, Ludhiana
India, 141008

Professional Experience

July 2004 – Present Astt Prof – Endocrinology – MUSC
Sep 2002- Oct 2002 Visiting Instructor- Endocrinology MUSC
Aug 2002- Sep 2002 Post Doc fellow in Endocrinology MUSC
Nov 1999 to Oct 2001 Joint Endocrinology Fellowship
Baylor College of Medicine and
MD Anderson Cancer Center, Houston, TX
July 1997 to Jun 1999 Resident in Internal Medicine
University of Texas – Houston
Houston, TX 77030
July 1996 – June 1997 Internship in Internal Medicine
Mayo Clinic
Rochester, MN 55902
July 1992 – July 1994 Sr. Resident- (Chief Resident) in Internal Medicine
PGIMER, Chandigarh, India 160012
July 1990 – June 1992 Jr. Resident in Internal Medicine
PGIMER, Chandigarh, India 160012
Feb 1990 – June 1992 Jr. Research Fellow in Internal Medicine
PGIMER, Chandigarh, India 160012
Jan 1989 – Dec 1989 House Officer in Internal Medicine
Christian Medical College & Brown Hospital
Ludhiana, India, 141008

Abstracts Presentations:

Association between Health Insurance and Generalized Periodontal Disease in a Study Population of Gullah African Americans with Diabetes

Nicole M. Marlow, Elizabeth H. Slate, Jyotika K. Fernandes, MD; Carlos F. Salinas.
Accepted for abstract presentation Joint statistical meeting Washington, DC August 2009

Association between Root Caries and Serum albumin in Gullah African Americans with Type 2 Diabetes
Nicole M. Marlow, Elizabeth H. Slate, Dipankar Bandyopadhyay, Jyotika K. Fernandes, Carlos F. Salinas.
Oral presentation IADR Miami FL, April 2009

A genome-wide linkage scan in Gullah-speaking African American families with type 2 diabetes: The Sea Islands Genetic African American Registry (Project SuGAR)
Michèle M. Sale, Lingyi Lu, Ida J. Spruill, **Jyotika K. Fernandes**, Kerry H. Lok, Jasmin Divers, Carl D. Langefeld, W. Timothy Garvey.

American Diabetes Association, Jan 2008

Accommodating measurement error in periodontal outcomes: application to a study of inflammatory markers

Elizabeth H. Slate, Dipankar Bandyopadhyay, **Jyotika K. Fernandes** and Carlos F. Salinas

Dental caries in Type 2 Gullah Diabetics

Fernandes JK, Salinas CF., London SD., Wiegand RE, Lopez Virella MF
IADR New Orleans March 2007

Association between periodontal disease and HbA1c: A nonparametric assessment

D. Bandyopadhyay, R. Wiegand, E. Slate, **J.K Fernandes**, and S. London.
IADR New Orleans March 2007

A Diabetes Management Program Using Diabetes-Specific Meal Replacements and Snack Bars Improves Weight Loss, Metabolic Parameters, and Quality of Life (QOL)

Obesity Society Annual Scientific meeting, Boston MA Oct 2006.

Analysis of multiplex ELISA data with undetectable and clustered data

Ryan E. Wiegand, MS, Elizabeth H. Slate, PhD, Elizabeth G. Hill, PhD, **Jyotika K. Fernandes, MD**
Joint Statistical meeting Seattle, Washington, August 2006

Prevalence of periodontal disease in Gullah African American Diabetics- Update

Fernandes JK, Salinas CF., London SD., Wiegand EG, Hill EH, Lopez Virella MF
Presented at IDEA conference, Washington DC July 2006

Prevalence of periodontal disease in Gullah African American Diabetics.

Fernandes JK, Salinas CF., London SD., Wiegand EG, Hill EH, Lopez Virella MF
Presented at AADR March 2006

Relationship between Insulin sensitivity and Intramyocellular Lipid during Short Term Very Low Calorie Diet in Obese Type 2 Diabetics

Fernandes JK, Shaughnessy S, Kwon S, Martin K, Hutto A, Dawkins C, Newcomer B, Vestri H, Wallace P, Mainu L, Garvey WT.
American Diabetes Association, New Orleans in June 2003

Alterations in skeletal muscle caveolins 1 and 3 in human insulin resistance and obesity

Mainu L, Chen Y, Simmons A, Wallace P, Hutto A, Shaughnessy S, **Fernandes JK**
Garvey WT. Presented at American Diabetes Association New Orleans, June 2003

T3 Therapy for Hypothalamic Obesity

J.K. Fernandes, M.J. Klein, R. Vassilopoulou-Sellin.

MD Anderson Cancer Center – Dept of Endocrine Neoplasia & Hormonal Disorders, Houston, TX Presented at the AACE conference in Chicago, May 2002

Impact of Childhood Malignancy and its treatment on the Skeletal Health of Childhood Cancer Survivors

J.K. Fernandes, M.J. Klein, R. Vassilopoulou-Sellin.

MD Anderson Cancer Center – Dept of Endocrine Neoplasia & Hormonal Disorders, Houston, TX
Presented at the 5th International Symposium on Clinical Advances in Osteoporosis, March 6-9, 2002 in Honolulu, Hawaii

Use of Intraoperative ACTH Concentrations in the Surgical Management of Cushing's Disease.

J.K. Fernandes¹, K.E. Friend^{1,2}, S. Maple², I.E. McCutcheon³.

Dept of Endocrinology, Baylor College of Medicine¹, Dept of Endocrine Neoplasia²,
Department of Neurosurgery³, MD Anderson Cancer Center, Houston, TX.

Presented at AACE San Antonio, May 2001

Cardiac Pheochromocytoma – Clinical outcome over three decades.

J. K. Fernandes, R.F. Gagel, R. Vassilopoulou-Sellin.

MD Anderson Cancer Center – Dept of Endocrine Neoplasia & Hormonal Disorders,
Houston, TX

Presented at AACE San Antonio, May 2001

Pegvisomant inhibits tumor growth in a syngenic model of colon cancer metastasis

S. Maple¹, **J.K. Fernandes**^{1&2}, I.E. McCutcheon³, H. Khandwala^{1&2}, A. Flyvbjerg, K.E. Friend^{1&2}.

Dept of Endocrine Neoplasia¹, Dept of Endocrinology, Baylor College of Medicine²,
Department of Neurosurgery³, MD Anderson Cancer Center, Houston, TX.
Presented as poster at Endocrine Society, June 2001

Coexisting Subacute Thyroiditis and Giant cell Arteritis – Case Report and literature review.
C. Case, **J.K. Fernandes**, P. Kaushik, A. Balasubramanyam
Baylor College of Medicine, Houston, Texas.
Presented at Baylor College of Medicine Research Conference, Houston, TX.,
April, 2001

Publication in US

Periodontal Disease Status in Gullah African Americans with Type 2 Diabetes living in South Carolina.
Jyotika K Fernandes, Ryan E Wiegand, Carlos F. Salinas, Sara G Grossi, John J Sanders, Maria F. Lopes-Virella, Elizabeth H. Slate.
Accepted for publication Journal Of Periodontology, March 2009

The prevalence of significant left–right hip bone mineral density differences among black and white women
Alele JD, Kamen DL, Hermayer KL, **Fernandes JK**, Soule J, Ebeling M, Hulsey TC
In Press Osteoporosis International (Accepted February 2009)

Serum Albumin and Root Caries in Gullah African American Diabetics
Nicole M. Marlow, Elizabeth H. Slate, Dipankar Bandyopadhyay, **Jyotika K. Fernandes**, Carlos F. Salinas
Submitted for publication in the *Journal of Dental Research*.

Genome-Wide Linkage Scan in Gullah-Speaking African
American Families with Type 2 Diabetes
The Sea Islands Genetic African American Registry (Project SuGAR)
Michele M. Sale, Lingyi Lu, Ida J. Spruill, **Jyotika K. Fernandes**, Kerry H. Lok, Jasmin Divers,
Carl D. Langefeld, and W. Timothy Garvey
Diabetes 2009

Anaplastic thyroid carcinoma: an Overview
Curr Oncol Rep .2007 March 9(2): 152-8 Review
Cornett WR, Sharma AK, Day TA, Richardson MS, Hoda RS, Van Heerden JA, **Fernandes JK**.

Yacoub-Wasef, S+, **Hermayer, K**, Fernandes, J, Oates, J, Buse, M. Management of a Patient with Extreme Insulin Resistance.
EndoTrends; The Endocrine Fellows Foundation. 13(3): 9-11, 2006.

Overview in the management of Differentiated Thyroid cancer
Fernandes JK, Day TA, Richardson RS, Sharma AS.
Current Treatment options in Oncology 2005, 6:47-57

Metabolic syndrome and insulin resistance in the TROPHY sub-study: contrasting views in patients with high-normal blood pressure.
Egan BM, Papademetriou V, Wofford M, Calhoun D, **Fernandes J**, Riehle JE, Nesbitt S, Michelson E, Julius S; TROPHY Sub-study
Investigative Team
Am J Hypertens. 2005 Jan;18(1):3-12.

Triiodothyronine Supplementaion for Hypothalamic Obesity
JK Fernandes, M.J Klein, J.L Ater, JF Kuttesch, R Vassilopoulou-Sellin
Metabolism, Vol 51, No 11(Nov) ,2002:1381-1383

Electornic Peer review Publications

E medicine: Papillary Thyroid cancer :<http://www.emedicine.com/Ent/topic286.htm>
Information updated periodically. Medical resource for physicians Last Updated Sep 2006

News Paper Publication

*Matters of the Mouth – The Post and Courier Health and Science Section – Interview published Feb 12, 2007

Conference Syllabus

Diabetes Update - Medical Liability and Health Care Law Seminar , March 2009

DCCT/EDIC RESEARCH GROUP JOURNAL PUBLICATIONS

Delahanty LM, Nathan DM, Lachin JM, Hu FB, Cleary PA, Ziegler GK, Wylie-Rosett J, and Wexler DJ for the **Diabetes Control and Complications Trial/Epidemiology of Diabetes Interventions and Complications**. Association of diet with glycated hemoglobin during intensive treatment of type 1 diabetes in the Diabetes Control and Complications Trial. *American Journal of Clinical Nutrition*. 2009; 89:518–24.

Sarma AV, Kanaya A, Nyberg LM, et al; **Diabetes Control and Complications Trial/Epidemiology of Diabetes Interventions and Complications Research Group**. Risk Factors for Urinary Incontinence Among Women With Type 1 Diabetes: Findings From the Epidemiology of Diabetes Interventions and Complications Study. *Urology*. 2009 Apr 9.

DCCT/EDIC RESEARCH GROUP JOURNAL PUBLICATIONS (continued):

Sarma AV, Kanaya AM, Nyberg LM, Kusek JW, Vittinghoff E, Rutledge B, Cleary PA, Gatcomb P, Brown JS; **Diabetes Control and Complications Trial/Epidemiology of Diabetes Interventions and Complications Research Group**. *Journal of Urology*. 2009;181(3):1224-30

Van Den Eeden SK, Sarma AV, Rutledge BN, Cleary PA, Kusek JW, Nyberg LM, McVary KT, Wessells H; **Diabetes Control and Complications Trial/Epidemiology of Diabetes Research Group**. Effect of Intensive Glycemic Control and Diabetic Complications on Lower Urinary Tract Symptoms (LUTS) in Men With Type 1 Diabetes: Diabetes Control and Complications Trial (DCCT)/Epidemiology of Diabetes Interventions and Complications (DCCT/EDIC) study. *Diabetes Care*. 2009; 32:664-670

Grant SF, Qu HQ, Bradfield JP, et al; **DCCT/EDIC Research Group**, Polychronakos C, Hakonarson H. Follow-up analysis of genome-wide association data identifies novel loci for type 1 diabetes. *Diabetes*. 2009; 58(1):290-5.

White NH, Sun W, Cleary PA, Danis RP, Davis MD, Hainsworth DP, Hubbard LD, Lachin JM, Nathan DM; Diabetes Control and Complications Trial/Epidemiology of **Diabetes Interventions and Complications Research Group**. *Archives of Ophthalmology*. 2008;126(12):1707-15.

Musen G, Jacobson AM, Ryan CM, Cleary PA, Waberski BH, Weinger K, Dahms W, Bayless M, Silvers N, Harth J, White N; **Diabetes Control and Complications Trial/Epidemiology of Diabetes Interventions and Complications Research Group**. Impact of diabetes and its treatment on cognitive function among adolescents who participated in the Diabetes Control and Complications Trial. *Diabetes Care*. 2008 Oct;31(10):1933-8.

de Boer IH, Kestenbaum B, Rue TC, Steffes MW, et al; Diabetes Control and Complications Trial (DCCT)/Epidemiology of **Diabetes Interventions and Complications (EDIC) Study Research Group**. Insulin therapy, hyperglycemia, and hypertension in type 1 diabetes mellitus. *Archives of Internal Medicine*. 2008 Sep 22;168(17):1867-73

Lopes-Virella MF, Carter RE, Gilbert GE, et al; **Diabetes Control and Complications Trial/Epidemiology of Diabetes Intervention and Complications Cohort Study Group**. Risk Factors related to Inflammation and Endothelial Dysfunction in the DCCT/EDIC Cohort and their Relationship with Nephropathy and Macrovascular Complications. *Diabetes Care*. 2008 Oct;31(10):2006-12.

Lachin JM, Genuth S, Nathan DM, Zinman B, Rutledge BN; **DCCT/EDIC Research Group**. Effect of glycemic exposure on the risk of microvascular complications in the diabetes control and complications trial--revisited. *Diabetes*. 2008 Apr;57(4):995-1001.

DCCT/EDIC RESEARCH GROUP JOURNAL PUBLICATIONS (continued):

Al-Kateb H, Boright AP, Mirea L, et al; **Diabetes Control and Complications Trial/Epidemiology of Diabetes Interventions and Complications Research Group**. Multiple Superoxide Dismutase 1/Splicing Factor Serine Alanine 15 Variants Are Associated With the Development and Progression of Diabetic Nephropathy. *Diabetes*. 2008 Jan;57(1):218-28.

Paterson AD, Rutledge BN, Cleary PA, Lachin JM, Crow RS; **Diabetes Control and Complications Trial/Epidemiology of Diabetes Interventions and Complications Research Group**. The effect of intensive diabetes treatment on resting heart rate in type 1 diabetes: the Diabetes Control and Complications Trial/Epidemiology of Diabetes Interventions and Complications study. *Diabetes Care*. 2007 Aug;30(8):2107-12.

Albers JW, Herman WH, Pop-Busui R, Martin CL, Cleary P, Waberski B; **Diabetes Control and Complications Trial (DCCT)/Epidemiology of Diabetes Intervention and Complications (EDIC) Research Group**. Subclinical neuropathy among Diabetes Control and Complications Trial participants without diagnosable neuropathy at trial completion: possible predictors of incident neuropathy? *Diabetes Care*. 2007 Oct;30(10):2613-8

Carter RE, Lackland DT, Cleary PA, Yim E, Lopes-Virella MF, Gilbert GE, Orchard TJ; **Diabetes Control and Complications Trial/Epidemiology of Diabetes Interventions and Complications (DCCT/EDIC) Study Research Group**. Intensive treatment of diabetes is associated with a reduced rate of peripheral arterial calcification in the diabetes control and complications trial. *Diabetes Care*. 2007 Oct;30(10):2646-8.

Al-Kateb H, Mirea L, Xie X, Sun L, Liu M, Chen H, Bull SB, Boright AP, Paterson AD for the **DCCT/EDIC Research Group**. Multiple Variants in Vascular Endothelial Growth Factor (VEGFA) Are Risk Factors for Time to Severe Retinopathy in Type 1 Diabetes: The DCCT/EDIC Genetics Study. *Diabetes*. 2007; 56:2161-68.

de Boer IH, Sibley SD, Kestenbaum B, Sampson JN, Young B, Cleary PA, Steffes MW, Weiss NS, Brunzell JD; **Diabetes Control and Complications Trial/Epidemiology of Diabetes Interventions and Complications Study Research Group**. Central obesity, incident microalbuminuria, and change in creatinine clearance in the epidemiology of diabetes interventions and complications study. *Journal of the American Society of Nephrology*. 2007; 18(1):235-43

Diabetes Control and Complications Trial/Epidemiology of Diabetes Interventions and Complications Study Research Group;
Jacobson AM, Musen G, Ryan CM, et al. Long-term effect of diabetes and its treatment on cognitive function. *New England Journal of Medicine*. 2007; 356:1842-52

DCCT/EDIC RESEARCH GROUP JOURNAL PUBLICATIONS (continued):

Cleary PA, Orchard TJ, Genuth S, Wong ND, Detrano R, Backlund JY, Zinman B, Jacobson A, Sun W, Lachin JM, Nathan DM for the **DCCT/EDIC Research Group**. The Effect of Intensive Glycemic Treatment on Coronary Artery Calcification in Type 1 Diabetic Participants of the Diabetes Control and Complications Trial/Epidemiology of Diabetes Interventions and Complications (DCCT/EDIC) Study. *Diabetes*. 2006; 55: 3556-3565.

Yu Y, Thorpe SR, Jenkins AJ, Shaw JN, Sochaski MA, McGee D, Aston CE, Orchard TJ, Silvers N, Peng YG, McKnight JA, Baynes JW, Lyons TJ and the **DCCT/EDIC Research Group**. Advanced glycation end-products and methionine sulphoxide in skin collagen of patients with type 1 diabetes *Diabetologia*. 2006 Aug; 49 2488-2498

Martin CL, Albers J, Herman WH, Cleary P, Waberski B, Greene DA, Stevens MJ, Feldman EL; **DCCT/EDIC Research Group**. Neuropathy among the diabetes control and complications trial cohort 8 years after trial completion. *Diabetes Care*. 2006 Feb; 29(2):340-344.

DCCT/EDIC Study Research Group. Intensive Diabetes Treatment and Cardiovascular Disease in Patients with Type 1 Diabetes. *New England Journal of Medicine*. 2005 Dec; 353(25):2643-2653

Boright AP, Paterson AD, Mirea L, Bull SB, Mowjoodi A, Scherer SW, Zinman B; and the **DCCT/EDIC Research Group**. Genetic variation at the ACE gene is associated with persistent microalbuminuria and severe nephropathy in type 1 diabetes: the DCCT/EDIC Genetics Study. *Diabetes*. April 2005; 54:1238-1244.

Steffes M, Cleary P, Goldstein D, Little R, Wiedmeyer HM, Rohlfing C, England J, Bucks J, Nowicki M and the **DCCT/EDIC Research Group**. Hemoglobin A_{1c} Measurements over Nearly Two Decades: Sustaining Comparable Values throughout the Diabetes Control and Complications Trial and the Epidemiology of Diabetes Interventions and Complications Study. *Clinical Chemistry*. 2005 Apr;51(4):753-8.

Publications in India

The effect of Biomass Fuel on Lung Function Tests of housewives in villages around Chandigarh '. Thesis presented towards completion of MD Internal Medicine at PGIMER / Panjab University, India – March 1992

Smoking and Reproductive Health in Women' in Everyman's Science –Feb-Mar 1991

The Killer Drink' in Science Reporter, December 1989

The Riddle of Diabetes' in Science Reporter, Sept 1989

Smoking – A hazardous Addiction' in Science Reporter, April-May 1989

The Puff that Kills' in Eve's Weekly, Feb 1989

Ongoing Studies –PI Jyotika Fernandes

HR#18505 An International, Randomized, Double-Blinded, Phase 3 Efficacy Study of XL184 versus Placebo in Subjects with Unresectable, Locally Advanced, or Metastatic Medullary Thyroid Cancer

HR# 11454 Trial to Reduce Cardiovascular Events with Aranesp Therap: TREAT

HR# 19506 Somatuline® Depot (lanreotide) Injection for Acromegaly (SODA) Observational Study

HR#18847 Superiority study of insulin glargine over sitagliptin in insulin naive patients with type 2 diabetes treated with metformin and not adequately controlled

Co PI : Jyotika Fernandes

HR# 17623 PI : Louis Luttrell **Co PI Jyotika Fernandes**, Leonard Egede
SC Telesupport : Diabetes Management Program for Patients with Type 2 Diabetes in Primary care setting

PI : Jermey Soule CO PI Jyotika Fernandes

Epidemiology of Diabetes Intervention and Complications Trial (EDIC)
Source: NIH

HR# 18504 PI: Soule Co PI Jyotika Fernandes

DEFEND-1: Durable-Response Therapy Evaluation for Early-or New-Onset Type1 Diabetes

PI: KATHIE L. HERMAYER,Co-PI: J. Fernandes

HR# 11224 Direct Assessment of Non-Vertebral Fractures in Community Experience (DANCE)
Sponsor :Eli Lilly and Company

PI: KATHIE HERMAYER, MD, Co-PI: J. Fernandes

HR# 16069 CRESCENDO - Comprehensive Rimonabant Evaluation Study of Cardiovascular ENDpoints and Outcomes.
Randomized, multinational, multicenter, double-blind, placebo-controlled, two-arm parallel group trial of rimonabant 20 mg OD for reducing the risk of major cardiovascular events in abdominally obese patients with clustering risk factors
Sponsor : Sanofi-Aventis, Inc.

PI: KATHIE HERMAYER, MD, Co-PI: J Fernandes

A Randomized, Placebo controlled, parallel group, double-bind study of the efficacy and safety of rimonabant in abdominally obese subjects with type 2 diabetes mellitus and multiple cardiovascular and metabolic risk factors and with LDL-cholesterol at NCEP ATP III treatment goal
Sponsor :Sanofi-Aventis, Inc.

PI: MARIA LOPES-VIRELLA, MD, Co-PI: Dr. Fernandes

HR# 15475 The Effect of Sulodexide in Overt Type 2 Diabetic Nephropathy
Sponsor: Keryx Biopharmaceuticals, Inc.

PI: MARIA LOPES-VIRELLA, MD, Co-PI: Dr. Fernandes

HR# 15779 The Effect of Sulodexide in Patients with Type 2 Diabetes and Microalbuminuria
Sponsor : Keryx Biopharmaceuticals, Inc.

PI: MARIA LOPES-VIRELLA, MD, Co-PI: Dr. Fernandes

HR# A Multicenter, Randomized, Double-Blind, Prospective Study Comparing the Safety and Efficacy of Fenofibric Acid and Rosuvastatin Calcium Combination Therapy to Fenofibric Acid and Rosuvastatin Calcium Monotherapy in Subjects with Mixed Dyslipidemia
Abbott Laboratories

Honors:

Distinction in Biochemistry in 1st MBBS

Membership

Endocrine society

Training

Thyroid Ultrasound (AACE course-2003)
Bone densitometry (ISCD Course July 2005)

Lectures

Invited Speaker

Thyroid Update - Update in Gen Med, Primary Care , March 2009
Diabetes Update – Medical Liability and Health Care Law Seminar , March 2009
Macrovascular Complications in Diabetes –Feb 2009 Sponsored by Diabetes Initiative of South Carolina
Microvascular Complications in Diabetes – Feb 2009 Sponsored by Diabetes Initiative of South Carolina
Medical management of thyroid cancer – Surgery Grand Rounds, Jan 2009
Prolactinomas – Endocrine grand round Oct 2008
Medullary Thyroid cancer – Endocrine grand round Oct 2008
Inpatient Diabetes Management. Anesthesia Grand round , MUSC December 2007
Thyroid cancer Management . Endocrine Fellow lecture series . December 2007
Use of Recombinant TSH in management of thyroid cancer – 22nd annual Johnson Putney Lectureship in Head and Neck cancer.
Baruch Auditorium, MUSC . November 4, 2007
Macrovascular Complications in Diabetes – Feb 15, 2007, Diabetes Strategies for the 21st Century, from 2007. Sponsored by Diabetes Initiative of South Carolina
Microvascular Complications in Diabetes – Feb 15, 2007 Diabetes Strategies for the 21st Century, Sponsored by Diabetes Initiative of South Carolina
Pituitary Disorders Dec 2006 and July 2005, Medicine residents MUSC
Oral Health and Systemic Disease symposium- Diabetes and Periodontal Disease
Nov 3, 2006 Hispanic Dental Association Meeting , Universal City , CA (Co presented with Sara Grossi DMD)
Medical Management of Thyroid Disorders- Nov 14, 2006 Head and Neck Surgry Grand Rounds, MUSC Charleston SC
Oral Health Care and Diabetes September 14, 2006 12th Annual Diabetes Fall Symposium for Primary Health Care Professionals
“Co-presented with Sara Grossi, DMD
Diabetes and periodontal disease- June6 2006 High school students, DHEC seminar
New therapies in Diabetes – July 2006 Black nurses conference, Charleston SC
Pituitary Tumors September 2006, Endocrinology Grand Round
Barriers to Insulin Therapy – Nov 22 2006 Charlotte, NC
Macrovascular Complications of Diabetes – Diabetes Educator update course March 2006
Microvascular complications of Diabetes – Diabetes Educator update course March 2006

Thyroid cancer 8/05 MUSC- Endocrine fellows
Osteoporosis overview 8/05 Bishop Gadsen-Charleston SC, MUSC series for public education
Case Discussions – Diabetes Mt Pleasant SC 6/05
Rapid acting insulin analogues – National teleconference 6/05
Thyroid cancer – Grand Rounds Radiation Oncology MUSC ,4/05
Barriers to Insulin therapy 2/05 Peer lectures , Mt Pleasant SC
Connecting the mouth and body- Diabetes and Periodontal disease -3/05 Baltimore IADR
Thyroid Diseases 3/03 and 3/04 - Medical Students, MUSC- Core lectures
Adrenal Disorders -8/03 and 8/04 Endocrine Fellows MUSC- Core Lectures