

## STUART R. CHIPKIN, MD, FACE

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### Current Positions

Research Professor, University of Massachusetts  
School of Public Health and Health Sciences  
Arnold House #215  
715 North Pleasant Street  
Amherst, MA 01003  
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[schipkin@kin.umass.edu](mailto:schipkin@kin.umass.edu)

Endocrinology, Diabetes and Metabolism  
Valley Medical Group  
31 Hall Drive  
Amherst, MA 01102  
☎ 413-256-8561      FAX: 413-256-4421  
[schipkin@vmgma.com](mailto:schipkin@vmgma.com)

### EDUCATION

- M.D.  
S.U.N.Y., Downstate Medical Center, Brooklyn, NY
- B.S. with High Honors in Chemistry  
Emory University, Atlanta, GA

### POSTDOCTORAL TRAINING

- Research Fellow  
Department of Physiology  
University of Massachusetts Medical School, Worcester, MA
- Research / Clinical Fellow  
Division of Endocrinology and Metabolism  
University of Massachusetts Medical Center, Worcester, MA
- Intern and Resident, Internal Medicine  
St. Vincent Hospital, Worcester, MA

### ADDITIONAL EDUCATION/TRAINING

- Thyroid Ultrasound Course  
American Association of Clinical Endocrinologists
- Leadership Development for Physicians in Academic Health Centers  
Harvard University School of Public Health
- Laboratory Medical Director Training  
Commission on Office Laboratory Accreditation (COLA)

### LICENSURE and CERTIFICATION

- National Board of Medical Examiners, Diplomate
- Massachusetts License Registration No. 52718
- American Board of Internal Medicine, Diplomate (104758)
- Board Certification in Endocrinology and Metabolism (104759)

### ACADEMIC APPOINTMENTS (REVERSE CHRONOLOGY)

- University of Massachusetts, Amherst, MA
  - Research Professor, Department of Kinesiology, School of Public Health and Health Sciences  
(current)
  - Adjunct Professor, School of Public Health and Health Sciences
- Tufts University School of Medicine, Boston, MA
  - Associate Professor, Department of Medicine

- Boston University School of Medicine, Boston, MA
  - Associate Professor, Department of Medicine
  - Associate Research Professor, Department of Social and Behavioral Sciences, School of Public Health
  - Research Associate Professor, Department of Physiology
  - Assistant Professor, Departments of Medicine and Physiology
  - Instructor of Medicine, Department of Medicine
- University of Massachusetts Medical School, Worcester, MA
  - Instructor of Medicine

#### **HOSPITAL APPOINTMENTS (REVERSE CHRONOLOGY)**

- Attending Physician, Cooley-Dickinson Hospital, Northampton, MA (current)
- Attending Physician, Baystate Medical Center, Springfield, MA (current)
- Associate Staff Physician, Boston Medical Center, Boston, MA
- Consulting Staff, Jewish Memorial Hospital, Boston, MA
- Visiting Assistant Physician, Boston City Hospital, Boston, MA
- Associate Staff Physician, The University Hospital, Boston, MA

#### **PROFESSIONAL EXPERIENCE (REVERSE CHRONOLOGY)**

- Director, Diabetes Management Program (current)  
Valley Medical Group, Amherst/Northampton/Greenfield/Easthampton, MA
- Laboratory Director  
Valley Medical Group, Amherst, MA
- Co-Director, Lipid Management Center  
Baystate Medical Center, Springfield, MA
- Director, Diabetes / Metabolism Research Laboratory  
Baystate Medical Center, Springfield, MA
- Chief, Division of Endocrinology, Diabetes and Metabolism  
Baystate Medical Center, Springfield, MA
- Associate Chief, Section of Endocrinology, Nutrition and Diabetes  
Boston Medical Center, Boston, MA
- Co-Director Lipid Center  
Boston University Medical Center / Boston Medical Center, Boston, MA
- Director, Clinical Endocrinology, Diabetes and Metabolism  
Boston University Medical Center / Boston Medical Center, Boston, MA
- Director, Clinical Initiative for Endocrine, Bone Health and Diabetes  
Boston University Medical Center, Boston, MA
- Director, Diabetes Management Unit  
Boston City Hospital, Boston, MA
- Fellowship Director, Divisions of Endocrinology, Diabetes and Metabolism  
Boston City Hospital and The University Hospital, Boston, MA
- Director, Diabetes Service  
Boston City Hospital, Boston, MA
- Associate Director, General Clinical Research Center, Boston City Hospital  
Boston University School of Medicine, Boston, MA

## **HOSPITAL, MEDICAL SCHOOL, OR UNIVERSITY COMMITTEE ASSIGNMENTS (REVERSE CHRONOLOGY)**

- Personnel Committee  
Department of Kinesiology  
University of Massachusetts School of Public Health and Health Sciences, Amherst, MA
- Genetics Task Force  
Baystate Medical Center  
Springfield, MA
- Planning Committee  
Baystate/University of Massachusetts Biomedical Research Initiative  
Amherst, MA
- Women's Health Coordinating Team  
Baystate Health System  
Springfield, MA
- Chairman, Medical Nutrition Committee  
Baystate Medical Center  
Springfield, MA
- Clinical Care Strategic Planning Committee  
Department of Medicine, Boston University Medical Center  
Boston, MA
- Promotions Policy Committee  
Boston University School of Medicine  
Boston, MA
- Ambulatory Care Committee  
Department of Medicine  
Boston University Medical Center, Boston, MA
- Ambulatory Care Center Review Team  
Department of Health and Hospitals  
Boston, MA
- Intern Selection Committee  
Department of Medicine  
Boston City Hospital, Boston, MA
- Advisory Committee  
Department of Medicine  
Boston University General Clinical Research Center, Boston, MA
- Protocol Review Committee  
Department of Medicine  
Boston University General Clinical Research Center, Boston, MA

## **OTHER MAJOR NATIONAL AND REGIONAL COMMITTEE ASSIGNMENTS, EXTERNAL ACTIVITIES AND HONORS (REVERSE CHRONOLOGY)**

- Health Resources and Services Administration (HRSA) Promising Practice Award:  
*Assessing The Role Of Community Health Workers As Public Health Workers And Creating Trainings To Meet Their Needs*
- Disease Management and Wellness: Diabetes Task Force  
Commonwealth of Massachusetts
- Committee Leadership Service Award

Massachusetts Medical Society

- Member, Task Force on Blood Glucose Management in Cardiac Surgery  
Society of Thoracic Surgeons
- Chair, Committee on Nutrition  
Massachusetts Medical Society
- Member, Committee on Public Health  
Massachusetts Medical Society
- Executive Committee Member, Diabetes Coalition of Massachusetts
- Honorary Chair, ADA Walk for Diabetes  
Springfield, MA
- Vice chair, Committee on Nutrition  
Massachusetts Medical Society
- Special Recognition Award  
Western Area Massachusetts Dietetic Association
- Recipient, Baystate Health System Presidential Quality Award  
“Implementation of Staged Diabetes Management”
- Ad-hoc grant reviewer  
Scottish Hospital Endowments Research Trust
- Recipient, Baystate Health System Presidential Quality Award  
“Surgical Infection Prevention Project”
- Session Chair, “Non-glycemic targets in type 2 diabetes: how aggressive should we be?”, American Diabetes Association, 63<sup>rd</sup> Scientific Sessions, New Orleans, LA
- Session Chair, “Glucose Control in Critical Care Settings”  
American Diabetes Association, 63<sup>rd</sup> Scientific Sessions, New Orleans, LA
- Reviewer, Pilot and Feasibility application  
Yale Diabetes Endocrinology Research Center
- Session Chair, “Oral Agents to Treat Insulin Resistance”  
American Diabetes Association, 62<sup>nd</sup> Scientific Sessions, San Francisco, CA
- Scientific Sessions Committee  
American Diabetes Association
- Grand Rounds Faculty Member  
*Reducing Cardiovascular Morbidity & Mortality in Diabetes*  
American Diabetes Association
- Academic Planning Committee  
Baystate Medical Center / University of Massachusetts Research Institute
- Committee on Guidelines Implementation and Education  
Massachusetts Department of Public Health
- Diabetes Guidelines Work Group, Diabetes Control Project  
Massachusetts Department of Public Health
- Committee on Nutrition  
Massachusetts Medical Society
- Medical Consultant, Diabetes Control Program  
Massachusetts Department of Public Health
- Research Grant Review Panel  
American Diabetes Association

- Board of Directors  
American Diabetes Association, Massachusetts Affiliate
- Grant Review  
Jewish Hospital Foundation, Louisville, KY
- Task Force on Underserved Communities  
American Diabetes Association, Massachusetts Affiliate
- Ad Hoc Reviewer, Space Physiology and Countermeasures Panel  
American Institute of Biological Sciences
- Contributor, Re-certification Examination Questions, Endocrinology, Diabetes and Metabolism, American Board of Internal Medicine
- Massachusetts General Hospital Laboratory of Computer Science, Software Design and Development “Clinical Problems in Hyponatremia”  
G. Octo Barnett, MD, Boston, MA
- National Institutes of Health, Computers in Clinical Medicine  
D. Rodbard, MD, Bethesda, Maryland

#### **TRAINING OF GRADUATE STUDENTS / POST-DOCTORAL (REVERSE CHRONOLOGY)**

- Cristina Huebner-Torres: *Social Determinants of Cardiometabolic Disease Control and Multimorbidity: An Ecosocial Multilevel Approach*, (Doctoral Dissertation Committee), University of Massachusetts
- Jennifer Blankenship: *Interfacing Continuous Measurement of Glucose and Physical Activity to Predict Glycemic Control in Individuals with Type 2 Diabetes* (Doctoral Dissertation Committee), University of Massachusetts.
- Iesha Ramos: *Process of Developing Shared Medical Appointments for Chronic Diseases in Diverse, Urban Clinics*, (Master’s Thesis Committee), University of Massachusetts.
- Steven K. Malin, PhD: *Effects of Exercise Training Combined with Metformin on Insulin Sensitivity and Substrate Metabolism in Men and Women with Pre-Diabetes*, (Doctoral Dissertation Committee), University of Massachusetts.
- Sujan Ravi MD, MPH: *Influence of Outpatient Radioiodine Therapy for Thyroid Cancer on I-131 Exposure to Household Contacts*, (Master’s Thesis Committee), University of Massachusetts.
- Rajiv Shrestha, MS: *A Computational Model of Human Plasma Ionized Calcium Homeostasis*, (Master’s Thesis Committee), University of Massachusetts.
- Steven J. Merrill, MS: *A System Dynamics Approach for the Development of a Patient-Specific Protocol for Radioiodine Treatment of Graves’ Disease*, (Master’s Thesis Committee), University of Massachusetts.
- Todd Hagobian, PhD: *Effects of Energy Deficit on the Neuroendocrine Response to Exercise*, (Doctoral Dissertation Committee), University of Massachusetts.
- Amy Kearns, PhD: *The Acute Effects of Exercise and Inactivity on Vascular Function*, (Doctoral Dissertation Committee), University of Massachusetts.
- Kaila Holtz, MS: *The Effects of Post-exercise Meal Composition on Insulin Action*, (Master’s Thesis Committee), University of Massachusetts.
- Laura Gerson, MS: *Does Aerobic Fitness Oppose the Impact of Excess Body Fat on Insulin Resistance in Women?* (Master’s Thesis Committee), University of Massachusetts.
- Michael Degon, MS: *A Quantitative Model of the Human Thyroid- Development, Analysis and Observations*. (Master’s Thesis Committee), University of Massachusetts.
- Carrie G. Sharoff, PhD: *Physiological Assessment of Insulin Action Across a Range of Insulin Sensitivities*. (Doctoral Dissertation Committee), University of Massachusetts.

- Steven Black, PhD: *The Role of Negative Energy Balance in Improved Insulin Action Following Short-Term Exercise*. (Doctoral Dissertation Committee), University of Massachusetts.
- Nancy A. Allen, PhD: *Impaired Glucose Tolerance: Changing Diet and Exercise with Continuous Glucose Monitoring Feedback*. (Doctoral Dissertation Committee), University of Massachusetts. Supported by NIH F31 NR008818-01A1 (SRChipkin, co-sponsor).
- Amanda Salacinski, MS *A Comparison of Bone Mineral Density in Division I and Division III Female Gymnasts*. (Master of Science), Springfield College.
- Tara D'Eon, MS: *The Effects of Estrogen and Progesterone on Substrate Utilization During Submaximal Exercise*. (Master's Thesis Committee), University of Massachusetts.
- Mary deGroot, PhD: *The Relationship of Ethnicity to Diabetes Self Care Outcomes in African Americans w/ Type 2 Diabetes*. (Doctoral Dissertation), University of Rhode Island.
- Golden T. Buckland, III, MS: *Correlations Between DEXA Measures of Body Composition in Obese Caribbean Latinos w/ Type 2 Diabetes*. (Master's Thesis Advisor), Boston University.
- Neesha Ramchandani, MS: *Self-Reported Factors Affecting Glycemic Control in College Students with Type 1 Diabetes Mellitus*. (Master's Thesis Advisor), Boston University.
- Rolande Merisca, PhD: *Guilt and Depression: Relationships to diabetic adherence and metabolic control in two high-risk samples*. (Doctoral Dissertation), Northeastern University.

#### TEACHING RESPONSIBILITIES

- Guest Lecturer, American College of Cardiology, Core Curriculum for the Cardiovascular Clinician, (1) *Metabolic Syndrome and CVD*, (2) *Diabetes Management of CAD Patients*, and (3) *Thyroid Disease in the Cardiovascular Patient*, Washington, DC
- Guest Lecturer, American College of Cardiology, Core Curriculum for the Cardiovascular Clinician, (1) *Diabetes Management of CAD Patients* and (2) *Thyroid Disease in the Cardiovascular Patient*, Washington, DC
- Guest Lecturer, Medical Therapy for Diabetes and Obesity, *Nutritional problems in the US*, University of Massachusetts (*Nutrition 577*), Amherst, MA
- Course director, *Advanced Pathophysiology* University of Massachusetts (N615), Amherst, MA
- Course director, *Pathophysiology* University of Massachusetts (N301), Amherst, MA
- Guest Lecturer, *Clinical Applications in Nutrition in Health and Disease* Northeastern University (BHS G530/BHSU230), Boston, MA
- Visiting Professor, *Clinical Pathologic Conference (CPC)* Brown University Medical School, Providence, RI
- *Outpatient Management of Diabetes Mellitus* University of Massachusetts School of Nursing, Amherst, MA
- *Diabetes Update, Broadening the Skills of the Internist* American College of Physicians, Boston, MA
- Noon Lectures, *"Topics in Endocrinology"* Internal Medicine House Staff, Baystate Medical Center, Springfield, MA
- *Outpatient Diabetes Management* (yearly 4-hour program) Boston Medical Center Primary Care Residents
- Guest Lecturer, *Community Intervention Strategies: Latino Diabetes Project* Boston University School of Public Health (GMS NU 700/SPH80), Boston, MA
- Guest Lecturer, *Diet and The Global Prevention of Chronic Disease*

Boston University School of Public Health, Boston, MA

- *Thyroid Disorders: Update for the Non-Endocrinologist*  
Boston University Continuing Medical Education
- Morning Report Attending (1 month/year)  
Boston City Hospital / Boston Medical Center
- Diabetes Section, *Biology of Disease*  
Boston University School of Medicine (second year students)
- Guest Lecturer, Noontime House Officers' Lecture Series  
University Hospital / Boston City Hospital / Boston Medical Center
- *Endocrine Emergencies*, House Staff Emergency Medicine Lecture Series  
Boston City Hospital / Boston Medical Center

#### PROFESSIONAL SOCIETIES

- The Endocrine Society
- American Diabetes Association
- American College of Physicians, Fellow
- Massachusetts Medical Society
- American College of Endocrinologists, Fellow
- American Thyroid Association

#### MAJOR RESEARCH INTERESTS

- Interactions between physical activity, nutrition and medical therapies on insulin sensitivity
- Use of public health approaches to impact detection, prevention and treatment of diabetes in diverse communities
- Strategies to reduce cardiovascular risk factors and complications related to diabetes

#### RESEARCH SUPPORT

- NIH R01: *Muscle Fatigue and its Impact on Mobility Function in Aging*. Principal Investigator: J Kent
- NIH R01 AG-047245: *Sex specific adaptation to different resistance exercise programs in older Adults*. Principal Investigator: M Miller
- Center for the Promotion of Health in the New England Workplace: *Effects of Using a Pedal Desk on Postprandial Glucose and Insulin Responses*. Principal Investigator: SR Chipkin
- NIH R01 AG049024: *CADENCE-Adults: Cadence and Intensity Across the Adult Lifespan*. Principal Investigator: C Tudor-Locke
- Health Care Workforce Transformation Fund Training Grant: *Increasing Workforce Skills: Use of Cultural Competency, Goal-Setting and Knowledge of Existing Resources to Promote Patient Centered Medical Home and Pilot Shared Medical Appointments in Type 2 Diabetes*. Principal Investigator: SR Chipkin.
- Health Care Workforce Transformation Fund Planning Grant: *Enhancing Workforce Skills in Health Care Behaviors and Resource Utilization: Assessment for Training in Cultural Competency and Patient Engagement*. Principal Investigator: SR Chipkin
- Public Service Endowment Grant: *Sustainable Chronic Disease Management Programming in Communities Surrounding UMass Amherst: A Collaborative Effort Between Students and Community Leaders*. Co-Principal Investigators: D Heffernan and SR Chipkin
- Health Resource and Services Administration: *Western Massachusetts Public Health*

*Training Center Grant: University of Massachusetts.* Co-Principal Investigators: SR Chipkin and D Gerber

- Department of Defense: *The Effect of Smoking on Muscle Adaptation to Exercise Stress.* Principal Investigator: P Clarkson
- NIH/NIA R01 AG021094-06A1: *Skeletal Muscle Fatigue in Older Adults.* Principal Investigator: J Kent-Braun
- NIH/NIDDK R56 DK081038: *Combined use of exercise and metformin for metabolic rehabilitation.* Principal Investigator: B Braun
- Interleukin Genetics: *The Effect of an Antioxidant Supplement on Gene Expression in Response to Exercise Stress.* Principal Investigator: P Clarkson
- UMass MRI-MRS Pilot Research Grant Application: *Low testosterone impact on visceral fat and muscle in type 2 diabetes.* Principal Investigator: SR Chipkin
- NHLBI- RO1HL081893: *The Effect of Statins on Skeletal Muscle Function.* Principal Investigator: P Thompson
- National Science Foundation: *Dynamics of the Human Thyroid- Towards Human Applications.* Co-Principal investigators: Y Chait and SR Chipkin
- Health Resources and Services Administration: *Life Matters Program (LifeMAP)- Health Risk Assessment, Health and Lifestyle Management.* Principal Investigator: J DeMartinis.
- UMass/Baystate Collaborative Biomedical Research Program: *Neuroendocrine Response to Exercise-Induced Energy Deficit.* Co-Principal Investigators: B Braun and SR Chipkin
- American Diabetes Association: *Interactions between exercise and metformin in pre-diabetes: Glucose metabolism at the cellular, whole-body and clinically relevant levels.* Principal Investigator: B Braun
- Glass Foundation: *Optimizing Fuel Metabolism During Exercise.* Co-Principal Investigators: B Braun and SR Chipkin
- Pfizer Study: *A One-year, Open, Randomized, Parallel, Three-arm study, Comparing Exubera® (insulin dry powder pulmonary inhaler) vs. Avandia® (rosiglitazone maleate) as Add-on Therapy vs. Exubera® Substitution of Sulfonylurea in Patients with Type 2 Diabetes, Poorly Controlled on Combination Sulfonylurea and Metformin treatment.* Principal Investigator (local): SR Chipkin
- Merck Inc.: *A Multicenter, Double-blind, Randomized, Placebo-controlled Study to Evaluate the Safety and Efficacy of the Addition of MK-0767 to Patients with Type 2 Diabetes with Inadequate Glycemic Control on Combined Metformin and Sulfonylurea Therapy.* Principal Investigator (local): SR Chipkin
- Collaborative Biomedical Research Program: *Role of Testosterone in Regulating Carbohydrate and Fat Utilization during Exercise.* Co-Principal Investigators: B Braun and SR Chipkin
- 02-062 Argose Inc.: *Pilot Study to Evaluate the Potential of Fluorescence and Diffuse Reflectance Spectroscopy as a Technique for Non-invasive Measurement of Glucose.* Principal Investigator: SR Chipkin
- The Glass Foundation: *Changes in Skeletal Muscle Physiology from Insulin Resistance.* Co-Principal Investigators: B Braun and SR Chipkin
- 01-244 Sanofi Study: *A Randomized, Double-blind, Placebo-controlled, Parallel-group, Fixed-dose, Multi-centre Study of Weight-reducing Effect and Safety of SR141716 in Obese Patients with Untreated Dyslipidemia (RIO-lipids).* Principal Investigator: SR Chipkin
- 01-119 University of Massachusetts. *Effects of Estrogen and Progesterone on Substrate Utilization during Exercise.* Co-Principal Investigators: B Braun and SR Chipkin



- 00-189 University of Massachusetts: *Effects of Insulin Resistance on Blood Glucose Uptake during Exercise*. Co-Principal Investigators: B Braun and SR Chipkin
- A12510031014 Pfizer Inc.: *The Safety and Efficacy of Addition of Glucotrol XL® 2.5 versus Placebo in Patients with Type 2 Diabetes Treated with Glucophage®*. Principal Investigator: SR Chipkin
- ADD-99-023 Abbott Laboratories Inc.: *Testing of Asteroid Prototype S3*. Principal Investigator: SR Chipkin
- 97-021 Abbott Laboratories Inc.: *Use of Human Tissue Optical Properties to Assess Blood Glucose Concentrations*. Principal Investigator: SR Chipkin
- NIA-R01 AG019, PA-94-008: *Causes / Consequences of Malnutrition in Homebound Elderly*. Principal Investigator: B Millen
- NIDDK-R01 DK 48122: *Diet Change in NIDDM Caribbean Latinos: A Team Approach*. Principal Investigator: SR Chipkin
- Boston Obesity / Nutrition Research Center: Pilot Project. Principal Investigator: SR Chipkin
- Medicaid Voluntary Program for Diabetes Mellitus. Principal Investigator: SR Chipkin
- NIDDK-R21 DK 95188: *Diabetes Mellitus in Urban Caribbean Latinos*. Principal Investigator: SR Chipkin
- NIDDK-K08 DK 01902: Clinical Investigator Award- *Counter-Insulin Hormones and Blood-Brain Barrier Glucose Transport*. Principal Investigator: SR Chipkin
- Juvenile Diabetes Foundation Research Fellowship. *Glucocorticoids and Hexose Transport across the Blood-Brain Barrier*. Principal Investigator: SR Chipkin

## **EDITORIAL BOARDS AND ACTIVITY**

### **PRESENT (WITHIN PAST 2 YEARS):**

Specialty Editor, Endocrinology, Diabetes and Metabolism, American Journal of Medicine

Diabetes Care- Reviewer

American Journal of Medicine- Reviewer

Endocrine Practice- Reviewer

Journal of Sexual Medicine- Reviewer

BMC Cardiovascular Disorders- Reviewer

Journal of Clinical and Translational Endocrinology- Reviewer

### **PREVIOUS:**

American Journal of Cardiology

American Journal of Physiology

New England Journal of Medicine

Ethnicity and Disease

Obesity

Clinical Endocrinology

Diabetes Research and Clinical Practice

Journal of Diabetes Science and Technology

### **PUBLICATIONS: REFEREED, REVIEWS AND BOOK CHAPTERS (CHRONOLOGICAL)**

1. **Chipkin SR**, Frid D, Alpert JS, Baker SP, Dalen JE, Aronin N: Frequency of painless myocardial ischemia during exercise tolerance testing. *Am.J.Cardiology*, 59:61-5.

2. Paul TL, Meyers B, Witorsh RJ, Pino S, **Chipkin SR**, Ingbar SH, Braverman LE: A small increase in dietary iodine affects thyroid function in euthyroid subjects. *Metabolism*, 37:121-124.
3. **Chipkin SR**, Stoff JS, Aronin N: Immunohistochemical evidence for neural mediation of VIP activity in the dogfish rectal gland. *Peptides*, 9:119-124.
4. **Chipkin SR**, Stoff JS, Aronin N: Immunohistochemical localization of VIP in the dogfish rectal gland. *The New York Academy of Sciences*, 527:605-607.
5. **Chipkin SR**, Aronin N: Is there a relationship between diabetes mellitus and painless myocardial ischemia? *Journal of Angina and Silent Ischemia*, Vol. III (2).
6. **Chipkin SR**, Tai LR, Kostyo JL, Goodman HM: Different growth hormone-receptor interactions mediate insulin-like and lipolytic responses of rat adipose tissue. *Endocrinology*, 125:450-458.
7. Goodman HM, Tai LR, **Chipkin SR**: Effects of isoquinolinesulfonamide inhibitors of protein phosphorylation on responses of adipose tissue to growth hormone. *Endocrinology*, 126:441-450.
8. Alpert JS, **Chipkin SR**, Aronin N: Diabetes mellitus and silent myocardial ischemia. *Adv. Cardiology*, 37:297-303.
9. Goodman MH, Gorin E, Schwartz Y, Tai LR, **Chipkin SR**, Honeyman TW, Frick GP, Yamaguchi H: Cellular effects of growth hormone on adipocytes. *Chinese J. of Physiology*, 34(1):27-44.
10. **Chipkin SR**, Gottlieb P, Lundstrom R, Leppo J, Aronin N: Painless myocardial ischemia in diabetes mellitus & hypertension: a prospective study using thallium exercise tolerance testing. *Cardiology*, 79:173-79.
11. **Chipkin SR**, Baran DT: Abnormalities of calcium, magnesium and phosphorous metabolism. In: May HL (ed), *Emergency Medicine*, (2<sup>nd</sup> edition), Little, Brown and Company, Boston, MA, 1283-94.
12. **Chipkin SR**: Lipoprotein metabolism and coronary heart disease. In: Alpert, JS (ed), *Atlas of the Heart*, (2<sup>nd</sup> edition), Raven Press, New York, 421-36.
13. **Chipkin SR**: Endocrine disorders and the heart. In: Alpert, JS (ed), *Atlas of the Heart*, (2<sup>nd</sup> edition), Raven Press, New York, 503-16.
14. **Chipkin SR**, Kelly K, Ruderman NB: Hormone fuel interrelationships: fed state, starvation and diabetes mellitus. In: Kahn CR, Weir GC (eds), *Joslin's Diabetes Mellitus* (13<sup>th</sup> edition), Lea and Febiger Publications, Philadelphia, PA, 97-117.
15. Berg AM, Anderson JJ, **Chipkin SR**, Lee V, Skinner M, Cohen AS, Simms RW: Autonomic neuropathy in AL (primary) amyloidosis and its effect on survival. *Amyloid: Int. J. Exp. Clin. Invest.*, 1:39-46.
16. **Chipkin SR**: Complications of exercise in patients with diabetes mellitus. *Challenge*, Vol VIII(1) 6-7.
17. Quatromoni P, Milbauer M, Posner B, Carballeira NP, Brunt MJ, **Chipkin SR**: Use of focus groups to explore nutrition practices and health beliefs of Caribbean Latinos with diabetes mellitus. *Diabetes Care*, 17:869-73.
18. Brunt MJ, **Chipkin SR**: Endocrinologic manifestations. In: Libman H, Witzburg RA (eds), *HIV Infection - A primary care manual* (3<sup>rd</sup> edition), Little, Brown and Company, Boston, MA, 225-40.
19. Brunt MJ, **Chipkin SR**: Exercise programs in minority populations. In: Ruderman N, Devlin JT (eds), *The Health Professional's Guide to Diabetes and Exercise*. American Diabetes Association, Alexandria, VA 251-256.
20. **Chipkin SR**, Gottlieb PA: Diabetes Mellitus. In: Noble J (ed) *Textbook of Primary Care Medicine* (2<sup>nd</sup> edition). Mosby, St. Louis, MO. pp 476-497.
21. **Chipkin SR**: Lipid Disorders. In: Noble J. (ed) *Textbook of Primary Care and General Medicine* (2<sup>nd</sup> edition). Mosby, St. Louis, MO. pp 574-586.
22. Khan FM, Cohen RA, Ruderman NB, **Chipkin SR**, Coffman JD: Vasodilator responses in the forearm of patients with diabetes mellitus. *Vascular Medicine*, 1, 187-93.
23. Coderre L, Vallega G, Pilch P, **Chipkin SR**: In vivo effects of dexamethasone and sucrose on glucose transport (GLUT-4) protein tissue distribution. *Amer J Physiol.* 271 (*Endocrino.Metab.*34):E643-8.
24. **Chipkin SR**, van Bueren A, Bercel E, Garrison CR, McCall AL: Effects of dexamethasone in vivo and in vitro on hexose transport in brain microvasculature. *J Neuro Chem Res.* 23(5):649-656.
25. Brunt MJ, Milbauer MJ, Ebner SA, Levenson SM, Millen BE, Quatromoni P, **Chipkin SR**: Health status and

- practices of urban Caribbean Latinos with diabetes mellitus. *Ethnicity & Disease*, 8:158-166.
26. Vazquez IM, Millen BE, Bissett L, Levenson SM, **Chipkin SR**: Buena Alimentacion, Buena Salud: A preventive nutrition intervention in Caribbean Latinos with non-insulin dependent diabetes mellitus. *American Journal of Health Promotion*, 13:116-119.
  27. **Chipkin SR**, deGroot M: Contextual variable influences outcome measures in minority populations with diabetes mellitus. *Diabetes Spectrum*, 11:149-160.
  28. Tangpricha V, Hariram SD, **Chipkin SR**: Compliance with guidelines for thyroid nodule evaluation. *Endocrine Practice*, 5:119-123.
  29. Lazar HL, **Chipkin SR**, Philippides G, Bao Y, Apstein C: Glucose-insulin-potassium solutions improve outcomes in diabetics who have coronary artery operations. *Annals of Thoracic Surgery*, 70(1):145-150.
  30. Ramchandani N, Cantey-Kiser JM, Alter CA, Brink SJ, Yeager SD, Tamborlane WV, **Chipkin SR**: Self-reported factors that affect glycemic control in college students with type 1 diabetes. *The Diabetes Educator*, 26:656-666.
  31. Dillon JS, Yaney GC, Zhou Y, Voilley N, Bowen S, **Chipkin SR**, Bliss C, Schultz V, Schuit FC, Prentki M, Waxman DJ, Corkey BE: Dehydroepiandrosterone sulfate and  $\beta$ -cell function: enhanced glucose-induced insulin secretion and altered gene expression in rodent pancreatic  $\beta$ -cells. *Diabetes*, 49(12):2012-2020.
  32. Millen BE, Silliman RA, Cantey-Kiser J, Copenhafer DL, Ewart CV, Ritchie CS, Quatromoni PA, Kirkland JL, **Chipkin SR**, Fearson NA, Lund ME, Garcia RI, Barry PP: Nutritional risk in an urban homebound older population: the nutrition and healthy aging project. *Journal Nutrition, Health & Aging*, 5:269-277.
  33. **Chipkin SR**, Klugh SA, Chasan-Taber L: Exercise and diabetes. *Cardiology Clinics*, 19:489-505.
  34. D'Eon T, Sharoff C, **Chipkin SR**, Grow D, Ruby B, Braun B: Regulation of exercise carbohydrate metabolism by estrogen and progesterone in women. *Am J Phys*, 283:E1046-E1055.
  35. deGroot M, Welch G, Buckland GT, Fergus M, Ruggiero L, **Chipkin SR**: Cultural orientation and diabetes self-care in low-income African Americans with type 2 diabetes mellitus. *Ethnicity & Disease*, 13:6-14.
  36. Tangpricha V, Ducharme SH, Barber TW, **Chipkin SR**: Endocrinologic treatment for gender identity disorders. *Endocrine Practice*, 9:12-21.
  37. **Chipkin SR**, Lazar H: Benefits of peri- and post-operative glucose control. *Practical Diabetology*, 21(3):33-39.
  38. Bockhorst JL, Ksseiry I, Toye M, **Chipkin SR**, Stechenberg BW, Fisher DJ, Allen HF: Evidence of HIV-associated lipodystrophy syndrome in children treated with protease inhibitors. *Pediatric Infectious Disease Journal*, 22(5):463-465.
  39. **Chipkin SR**, Cohen EA, Smith BW: Endocrine Disorders. *Saunders Manual of Neurologic Practice, Endocrine Disorders*, 830-841.
  40. **Chipkin SR**, Cohen EA, Smith BW: Pituitary Tumors. *Saunders Manual of Neurologic Practice, Pituitary Tumors*, 930-934.
  41. Lazar HL, **Chipkin SR**, Fitzgerald CA, Bao Y, Cabral H, Apstein CS: Tight glycemic control in diabetic coronary artery bypass grafts patients improves perioperative outcomes and decreases recurrent ischemic events. *Circulation*, 109:1497-1502.
  42. Braun B, Sharoff C, **Chipkin SR**, Beaudoin F: Effects of insulin resistance on substrate utilization during exercise in overweight women. *J Appl Physiol* 97:991-7.
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