

Susan B. Racette, Ph.D. – Curriculum Vitae

LinkedIn Profile: <https://www.linkedin.com/in/susan-racette-00236411/>
Public Bibliography: <https://www.ncbi.nlm.nih.gov/myncbi/1pMZjMhNpChQa/bibliography/public/>
Professional Website: <https://search.asu.edu/profile/4149126>
Electronic Mail: Susan.Racette@asu.edu
Place of Birth: Jersey City, New Jersey, USA

Current Position

2022 – present: Professor with Tenure
Director of Training Grants
College of Health Solutions
Arizona State University
Address: 850 N. 5th Street
850 Phoenix Bioscience Core – Office 310J
Phoenix, AZ 85004
Office Phone: (602) 543-1563

Education

Postgraduate: Postdoctoral Fellow, 1994-1997, Exercise Physiology; Department of Medicine
Washington University School of Medicine, St. Louis, MO
Mentor: John O. Holloszy, MD
Graduate: PhD, 1994, Nutritional Biology; Division of Biological Sciences
University of Chicago, Chicago, IL
Mentor / PhD Advisor: Dale A. Schoeller, PhD
Undergraduate: Bachelor of Science, 1988, Major: Biology; Minor: Biochemistry
Bucknell University, Lewisburg, PA

Academic Positions

2022 – present Professor with Tenure, Arizona State University, Phoenix, AZ
2022 – present Voluntary Research Professor, Washington University School of Medicine, St. Louis, MO
2014 – 2022 Professor, Washington University School of Medicine
2009 – 2014 Associate Professor, Washington University School of Medicine
2001 – 2009 Assistant Professor, Washington University School of Medicine
1997 – 2001 Instructor, Washington University School of Medicine

Clinical Position

2017 – 2018 Exercise Physiologist in the $\dot{V}O_{2peak}$ Testing Lab
Barnes-Jewish Hospital Cardiac Diagnostics Lab / Washington University School of
Medicine, St. Louis, MO

Consulting

2024 – present Board Member, Pritikin Scientific Advisory Board, Pritikin ICR
2017 – 2019 Healthy Lifestyle Expert – *Peak Performance* employee wellness program. McKinsey &
Company

University & Medical Center Committees

*ASU = Arizona State University; WUSM = Washington University School of Medicine, St. Louis, MO

- 2023 - present Admissions Committee, PhD Program in Exercise and Nutritional Sciences, ASU College of Health Solutions, Co-Director
- 2023 Faculty Search Committee, ASU College of Health Solutions, Member
- 2022 - present Metabolic Health Translational Team, ASU College of Health Solutions, Co-Director
- 2018 - 2021 Faculty Search Committee, Program in Physical Therapy, WUSM, Member
- 2014 - 2018 Barnes-Jewish Hospital Foundation/Washington University Institute of Clinical and Translational Sciences (ICTS), WUSM, Clinical and Translational Research Proposal Review Committee Member
- 2011 - 2022 Center for Diabetes Translation Research, WUSM, Member
- 2011 - 2016 Transdisciplinary Research in Energetics and Cancer, WUSM, Internal Advisory Board Member
- 2008 - present PRIDE Summer Institute in Cardiovascular Genetic Epidemiology, WUSM Leadership Committee Member and Mentor
- 2010 - 2022 Program in Physical Therapy, Research Advisory Committee, WUSM, Member
- 2008 - 2022 Institute of Clinical and Translational Sciences, WUSM, Investigator and Mentor
- 2008 - 2022 WUSM Wellness Council, WUSM, Member
- 2008 - 2022 Institute for Public Health, WUSM, Scholar
- 2007 “Health, Fitness, Recreation & Sport” Strategic Planning Committee, Washington University in St. Louis, Committee Member
- 2005 - 2022 Diabetes Research Center, WUSM, Committee Member
- 2004 - 2008 BJC HealthCareSM, Health Literacy Advisory Committee Member
- 2004 - 2008 Human Research Protection Office, WUSM, Review Committee Member
- 2000 - 2022 Nutrition Obesity Research Center, WUSM (P30 DK056341), Investigator & Grant Reviewer
- 1999 - 2011 Center for Applied Research Sciences, WUSM, Advisory Committee Member

National Grant & Program Review Committees

- 2025 NIH / National Institute on Aging (NIA). Special Emphasis Panel. Grant Reviewer
- 2023 NIH / National Institute on Minority Health and Health Disparities (NIMHD). Special Emphasis Panel. Grant Reviewer
- 2023 NIH / National Institute on Aging (NIA). Special Emphasis Panel. Grant Reviewer
- 2022 NIH / National Heart, Lung, and Blood Institute (NHLBI). Review panel for NHLBI Mentored Career Development K-Awards. Grant Reviewer
- 2018 CDC / National Center for Chronic Disease Prevention and Health Promotion (NCCDPHP), Special Emphasis Panel. Grant Reviewer
- 2016 NIH / National Institute on Minority Health and Health Disparities (NIMHD), Special Emphasis Panel. Grant Reviewer
- 2015 Biotechnology and Biological Sciences Research Council (BBSRC). Grant Reviewer
- 2014 Diabetes UK, Research Committee. External Grant Reviewer
- 2013 Research Grants Council (RGC) of Hong Kong, China. External Reviewer
- 2012 The Netherlands Organisation of Health, Research and Development (Zon Mw), Prevention Program. Grant Reviewer

Susan B. Racette, Ph.D. – Curriculum Vitae

2011	U.S. Army Research Institute of Environmental Medicine: Military Nutrition Division. Program Reviewer for American Institute of Biological Sciences
2011	CDC / National Center for Chronic Disease Prevention and Health Promotion, Affordable Care Act (ACA): Childhood Obesity Research Demonstration. Grant Reviewer
2010	Research Grants Council (RGC) of Hong Kong. External Reviewer
2010	Health Research Board (Ireland), Health Research Awards. Grant Reviewer
2009	NIH / National Heart, Lung, and Blood Institute (NHLBI). Grant Reviewer
2008	U.S. Army Research Institute of Environmental Medicine: Military Nutrition Division. Panel Member for American Institute of Biological Sciences
2008	CDC / National Center for Chronic Disease Prevention and Health Promotion. Grant Reviewer
2007	NIH / National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK). Grant Reviewer
2007	NIH / Clinical and Integrative Diabetes and Obesity (CIDO) Study Section. Grant Reviewer
2007	CDC Dissertation Research Review Panel. Grant Reviewer
2006	U.S. Army Research Institute of Environmental Medicine: Military Nutrition Division. Program Reviewer for American Institute of Biological Sciences
2004 - 2005	NIH / Community Level Health Promotion (CLHP) Study Section. Grant Reviewer
2003	NIH / Center for Scientific Review. Grant Reviewer
2002	NIH / National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK), Special Emphasis Panel. Grant Reviewer

Community Service

2023 - present	Arizona State Nutrition & Physical Activity (SNUPA) Action Committee, Member
2023 - present	Arizona State Hierarchy of Physical Activity (HOPA) Needs Working Group, Member
2023 - present	ASU Community Cohort: Building Partnerships for Healthy Communities, Member
2016	University of Arizona, American Indian Youth Wellness Camp, Prescott AZ: Camp Counselor
2014 - 2022	The Obesity Society, Annual Conference Abstract Review Committee, Member
2014 - 2017	City of St. Louis Dept. of Health, <i>Healthy Eating, Active Living Partnership</i> : Member
2009 - 2020	St. Louis Public School District, Health and Wellness Council: Member
2009 - 2014	Lou Fusz Soccer Club, United Elite Girls' Team: Treasurer
2007 - 2010	Girls on the Run: Assistant Coach
2005 - 2006	St. Louis Healthy Youth Partnership (HYP): Committee Member
2004 - 2007	Clayton School District Nutrition Committee, Clayton, MO: Member

Professional Societies and Organizations

The Obesity Society – Fellow
American College of Sports Medicine – Member
American Diabetes Association – Member
American Heart Association – Member
American Physiological Society – Member
American Society for Nutrition – Member
International Atomic Energy Agency (IAEA) Doubly Labeled Water Database Consortium - Member
Sigma Xi Scientific Research Society – Member

Editorial Responsibilities

Guest Editor:

Experimental Gerontology - Special Issue "[Calorie restriction and intermittent fasting.](#)" 2022 Sep.

Manuscript Reviewer:

Aging Cell
American Heart Journal Plus
American Journal of Clinical Nutrition
Diabetes Research and Clinical Practice
Experimental Gerontology
Frontiers in Nutrition
Frontiers in Physiology
Geriatrics
International Journal of Environmental Research and Public Health
International Journal of Obesity
Journal of the Academy of Nutrition and Dietetics
Journal of Adolescent Health
Journal of Applied Physiology
Journal of Nutrition, Health & Aging
Nutrients
Obesity
Physiology & Behavior
PLOS One
Preventing Chronic Disease
Preventive Medicine

Invited Presentations – National & Local

- May 2024 The University of Arizona College of Medicine, Endocrine Grand Rounds. Invited Speaker: *Calorie Restriction and Healthspan: Highlights from the CALERIE™ Trial*, Tucson, AZ
- Apr 2024 American Physiological Society (APS) Summit. Session Speaker: *Increasing the Health-span: Unique Role for Exercise*. Long Beach, CA
- Mar 2024 Arizona State University, Precision Nutrition & Metabolic Medicine Symposium. Session Speaker. Phoenix, AZ
- May 2023 MEDAXIOM (an American College of Cardiology Company), Webinar Speaker: *Benefits of the First Pritikin Outpatient ICR Program*
- Apr 2022 American College of Cardiology, 71st Annual Scientific Session, Session Panelist: *Advances in Cardiac Rehabilitation—Not Your Same Old Same Old*. Washington, DC
- Mar 2022 Movement System Impairment Syndromes (MSI) Retreat. Invited Speaker: *Exercise, Energy Compensation, and Adiposity in Humans*. Columbia, IL
- Sep 2018 University of Chicago, Department of Medicine Seminar. *Calorie Restriction & Cardiorespiratory Fitness: Keys to Health & Longevity?* Chicago, IL
- Sep 2013 University of Wisconsin, Department of Nutritional Sciences, Dale Schoeller Symposium: Energy Balance and Obesity Prevention. *Caloric Restriction*. Madison, WI
- Jul 2012 Nerinx Hall High School Cross Country Team Summer Camp. *Nutrition for Runners*. Webster Groves, MO

Susan B. Racette, Ph.D. – Curriculum Vitae

- May 2012 Delmar Gardens Family Workplace Wellness Symposium: *Workplace Wellness*. Town & Country, MO
- Apr 2012 First Annual St. Charles County Workplace Wellness Summit: *Striving to Improve Cardiovascular Health*. St. Charles, MO
- Apr 2011 Keystone Symposium. Speaker and Session Chair, Metabolic Responses to Extreme Conditions. *Human Responses to CR: The CALERIE Project*. Big Sky, MT
- Feb 2009 Visiting Scholar - Purdue University, Department of Foods and Nutrition, Ingestive Behavior Research Center. *Weekend, Holiday, and Freshman Indulgences – What are the Consequences?* West Lafayette, IN
- Jun 2007 American Diabetes Association, 67th Scientific Sessions, Symposium: Type 2 Diabetes – the Importance of Physical Activity. *Is Weight Loss or Fitness More Important to Improve Insulin Action?* Chicago, IL
- Mar 2007 General Clinical Research Center National Annual Meeting, National Association of GCRC Bionutritionists. Keynote Speaker: *Current Trends in Obesity Research*. Washington, DC
- May 2005 National Institutes of Health, National Institute on Aging; Annual Meeting of Grantees. *Washington University CALERIE (Comprehensive Assessment of Long-term Effects of Reducing Intake of Energy) Study – Phase I*. Bethesda, MD
- Nov 2004 Association for Advancement of Behavior Therapy, 2004 Annual Conference; Symposium: Calorie Restriction: Beneficial or Harmful for Health? *Caloric Restriction and Aging*. New Orleans, LA
- Sep 2004 Red Hot Mamas® Menopause Management Education Program: Invited Speaker, St. Louis, MO
- Nov 2003 University of Illinois at Urbana-Champaign, Department of Kinesiology. *Assessment of Free-Living Energy Expenditure with DLW: Advantages and Pitfalls*. Champaign, IL
- Jun 2003 American Physical Therapy Association, 2003 Annual Conference; Educational Session. *Obesity and its Implications for Physical Therapy*. Washington, DC
- Nov 2001 Physical Therapy Community Meeting: Invited Speaker, *Role of Exercise in the Prevention / Management of Obesity & Diabetes*, St. Louis, MO
- Nov 1997 Institute of Food Technologists & the American Dietetic Association Joint Meeting. *Diabetes, Obesity, and the Role of Lifestyle Intervention*. St. Louis, MO
- Jul 1993 University of Chicago, Clinical Nutrition Research Unit. Debate Moderator: *Moderate Obesity: To Treat or Not to Treat?* Chicago, IL

Invited Presentations – Washington University School of Medicine

- Mar 2020 Program in Physical Therapy Continuing Education Seminar. *Influence of Cardiac Rehabilitation and Aerobic Capacity on Cardiovascular Disease Outcomes*
- Sep 2015 Prevention & Control Research Program Fall Symposium. *Collaborative Approaches to Enhance Fitness of Urban Public School Students in St. Louis*
- Oct 2014 National Food Day Panel, Washington University School of Medicine medical student symposium
- Sep 2014 Institute for Public Health, Transdisciplinary Research in Energetics and Cancer (TREC) Retreat. *Urban public schools: Influence of environment on child weight status and health indices*
- Sep 2013 Program in Physical Therapy Alumni Day Symposium. Theme: Exercise in the Prevention of Chronic Disease. *Physical Activity and Cardiometabolic Risk Among Youth in Urban Public Schools*.
- Dec 2012 15th Annual Contemporary Women's Health Issues. Sponsored by Washington University School of Medicine Continuing Medical Education. Theme: In The Mood - Women's Wellness and

Susan B. Racette, Ph.D. – Curriculum Vitae

- Feeling Well. *Nutrition and Wellness*
- Sep 2011 Washington University School of Medicine Human Research Protection Office, Community-Engaged Research Conference. Round Table Discussion Leader and Think Tank Facilitator. *Community-Engaged Research: Exploring the Unique Community-Academic Relationship*
- Sep 2011 Program in Physical Therapy Seminar. *Nourishing an Urban Community: Attentiveness to Cardiovascular Disease Risk Factors in Urban School Students*
- Oct 2010 Washington University Institute for Public Health, 3rd Annual Conference. Panelist. *What Hurts, What Works, and What Have We Learned in Eliminating Health Disparities?*
- Oct 2009 Program in Physical Therapy Seminar. *Nourishing an Urban Community*
- Sep 2009 Washington University Institute for Public Health, National Council Dinner. *Nourishing an Urban Community*
- Sep 2008 Geriatrics and Nutritional Science Seminar. *Phytosterols: Effects on Cholesterol Metabolism and Their Contribution to DASH and Other Common Diets*
- Sep 2007 Program in Physical Therapy Alumni Day Symposium. Theme: Exercise & Nutrition: Prescription for Sarcopenia. *Side-Stepping Sarcopenia: What to Chew for a Stronger You*
- Jun 2007 Clinical Research Training Center. Clinical Seminars in Translational Research. *Worksite Opportunities for Wellness (WOW)*
- Sep 2006 Program in Physical Therapy Seminar. *Worksite Opportunities for Wellness (WOW): Improving the Health of WUSM Employees*
- Feb 2006 American Medical Association - Medical Student Regional Conference. *Lifestyle Change*
- Mar 2005 Foundation for Physical Therapy Continuing Education Series Symposium. Theme: Metabolic and Musculoskeletal Implications of Obesity. *Current Obesity Research*
- Jun 2002 Applied Physiology Reunion Meeting: A tribute to John Holloszy. *Overview of Applied Physiology Human Aging Research*
- Apr 2002 Department of Medicine, Section of Applied Physiology Seminar. *Doubly Labeled Water (DLW) Method for Assessing Total Energy Expenditure*
- Oct 2001 Program in Physical Therapy Seminar. *Control of Adiposity Throughout College Years*
- Aug 2001 Program in Physical Therapy Seminar. *Health Promotion, Disease Prevention & Lifestyle Intervention*
- Dec 2000 Center for Health Behavior Research Seminar. *Control of Adiposity Throughout College Years: Managing the Challenge of Organizational Culture and Research Design*
- Nov 1999 Department of Medicine, Section of Applied Physiology Seminar. *FIT Study*
- May 1998 Department of Medicine, Section of Applied Physiology Seminar. *Effects of Lifestyle Intervention on Glucose Tolerance in Centrally Obese African Americans*
- Apr 1996 Department of Medicine, Division of Geriatrics and Gerontology. *Prevention of NIDDM in Centrally Obese African Americans*
- Jun 1995 Department of Medicine, Section of Applied Physiology Seminar. *NIDDM Prevention Study*
- Aug 1994 Department of Medicine, Section of Applied Physiology Seminar. *Effects of Aerobic Exercise on Energy Expenditure & Body Composition During Weight Reduction in Obese Women*

Research

GRANTS – Active – Governmental						
Funding Agency	Grant #	PI	Title	Project Dates	Role	
7	BIH / NIA	T32 AG082658	Wu T Klein J Li Baoxin	Intergenerational Community Driven Training in Alzheimer's Disease Research: An AI+X Approach	9/15/2024 – 9/14/2029	Mentor
6	NIH / NIDDK	T32 DK137525	Whisner CM Liu L	Interdisciplinary Systems-based Training for Precision Nutrition	9/1/2023 – 8/31/2028	Mentor
5	NIH / NHLBI	R61 HL155858	Peterson LR	The Inorganic Nitrate and eXercise performance in Heart Failure (iNIX-HF): - a phase II clinical trial	8/1/2022 – 7/31/2027	Co-I
4	NIH / NIA	R01 AG071717	Das SK Racette SB Redman LM	Legacy Effects of CALERIE, a 2-year Calorie Restriction Intervention, on Hallmarks of Healthspan and Aging (NCT05651620)	9/30/2021 – 5/31/2026	Multiple PI
3	NIH / NHLBI	R34 HL158947	Brooks JL	Mind Your Heart Intervention for American Indian Women	7/1/2021 – 6/30/2025	Co-I
2	NIH / NIA	R33 AG070455	Huffman KM	Enhancing the CALERIE Network to Advance Aging Biology	2/15/2021 – 1/31/2026	Co-I & Site PI
1	NIH / NHLBI	R25 HL105400	Dávila-Román VG Rao DC de las Fuentes L	PRIDE Summer Institute in Cardiovascular Disease Comorbidities, Genetics and Epidemiology (CVD-CGE)	9/20/2010 – 12/31/2028	Leadership Committee & Mentor
GRANTS – Active – Foundation & Other						
Funding Agency	PI	Title	Dates	Role		
2	American Beverage Association	Kavouras S	Adequate Hydration and Health Outcomes	12/2/2024 – 12/1/2027	Co-I	
1	Barrow Neurological Foundation	Geda YE Racette SB Krell-Roesch J	Time- Restricted Eating in Alzheimer's disease: The TREAD trial (NCT06429124)	5/16/2023 – 5/15/2025	Multiple PI	
GRANTS – Active – Institutional						
Funding Agency	PI	Title	Dates	Role		
1	ASU College of Health Solutions	Racette SB	Promoting Cardiovascular Health Among American Indian Youth	6/1/2023 – 5/31/2024	PI	

Susan B. Racette, Ph.D. – Curriculum Vitae

GRANTS – Completed – Governmental						
Funding Agency	Grant #	PI	Title	Project Dates	Role	
20	NIH / NHLBI	R21 HL165018	Ebong IA	Adipokines, Sex Hormones and Cardiac Dysfunction in Women of the MESA Study - An analysis of Secondary Data	9/1/2022 – 8/31/2024	Co-I
19	NIH / NIA	R01 AG060499	Forman DE	Modified Application of Cardiac Rehabilitation for Older Adults (MACRO)	8/1/2018 – 5/31/2024	Co-I
18	NIH / NHLBI	K01 HL127278	Hardy DS	Searching for missing heritability for cardiometabolic outcomes by race	12/15/2015 - 2/15/2022	Mentor
17	NIH / NIA	U24 AG047121	Kraus WE	Biomarkers of Caloric Restriction in Humans: the CALERIE Biorepository	7/15/2015 - 5/31/2021	Steering Committee Member
16	NIH / NCI Pilot Project	U54 CA155496	Racette SB	Urban public schools: influence of environment on child weight status and health indices	6/1/2014 - 5/31/2015	PI of Pilot Project
15	US Dept of Education	Q215F12007 7	White ML	AIM for Fitness	8/1/2012 - 7/31/2015	Co-I
14	NIH / NHLBI	R01 HL108160	Ostlund RE	Reverse Cholesterol Transport in Humans	1/1/2012 – 11/30/2016	Co-I
13	NIH / NCI	U54 CA155496	Colditz G	A Multilevel Approach to Energy Balance and Cancer Across the Lifecourse	6/15/2011 - 5/31/2016	Mentor
12	NSF	850815	Pontzer HD	Metabolic Cost of Living in Human Foragers	5/1/2009 - 4/30/2011	Co-PI
11	NIH / NIDDK	K01 DK080886	Weiss EP	Caloric Restriction, Exercise, and Glucoregulation in Humans	4/1/2008 - 3/31/2013	Scientific Advisor
10	NIH / NHLBI	R25 HL085040	Rao DC	Genetic Epidemiology of Cardiovascular Disease and Risk Factors	09/15/2006 - 06/30/2011	Mentor
9	CDC	R01 DP000092	Racette SB	Worksite Opportunities for Wellness	9/30/2004 - 9/29/2008	PI
8	NIH / NCRR Pilot Project	P41 RR000954	Racette SB	Exercise Training on Glucose Tolerance & Insulin Action in Elderly Men and Women	8/1/2003 - 1/31/2005	PI of Pilot Project
7	NIH / NCRR Pilot Project	P41 RR000954	Racette SB	Thiazolidinediones Enhance Insulin Suppression of Fatty Acid Flux in Type 2 Diabetes	8/01/2003 - 1/31/2005	PI of Pilot Project
6	NIH / NIA	U01 AG20487	Holloszy JO	Caloric Restriction and Aging in Humans (NCT00099138, NCT00427193)	9/30/2001 - 8/31/2011	Co-I
5	NIH / NIDDK	R01 DK057461	Racette SB	Weight Control in Peri- and Early Postmenopausal Women	9/30/1999 - 8/31/2004	PI
4	NIH / NIA Pilot Project	P60 AG013629	Racette SB	Effects of Endurance Exercise Training on Glucose Tolerance and Insulin Action in Elderly Men and Women	9/1/1998 - 8/31/2001	PI of Pilot Project
3	NIH / NCRR Pilot Project	P41 RR000954	Racette SB	Leptin Production During Moderate Intensity Aerobic Exercise	10/1/1997 - 7/31/1999	PI of Pilot Project
2	NIH / NHLBI	R01 HL050420	Ostlund RE	Regulation of Intestinal Cholesterol Absorption	5/1/1994 - 3/31/2010	Co-I
1	NIH / NHLBI	T32 HL007456	Wilfley DE	Nutrition–Behavioral Cardiovascular Disease Prevention	7/1/1980 – 8/31/2017	Mentor

Susan B. Racette, Ph.D. – Curriculum Vitae

GRANTS – Completed – Foundation					
	Funding Agency	PI	Title	Project Dates	Role
8	Foundation for Barnes-Jewish Hospital	Racette SB	Personalizing Exercise for Parkinson’s Disease	1/1/2020 – 12/31/2023	PI
7	Foundation for Barnes-Jewish Hospital	Racette SB	Enhancing Physical Function after COVID-19 among the Underserved	7/1/2021 – 6/30/2023	PI
6	Foundation for Barnes-Jewish Hospital	Rich MW	Home-Based Cardiac Rehabilitation (HCR) in the Time of COVID-19	7/1/2020 – 6/30/2022	Co-I
5	Foundation for Barnes-Jewish Hospital	Peterson LR	Benefits of Intensive Cardiac Rehabilitation (ICR) for Patients with Heart Failure with Reduced Ejection Fraction (HFrEF)	7/1/2019 – 6/30/2022	Co-I
4	Foundation for Barnes-Jewish Hospital	Peterson LR Racette SB	Heart Failure and Aerobic Capacity	8/1/2018 - 12/31/2019	Co-PI
3	Foundation for Barnes-Jewish Hospital	Peterson LR	Intensive cardiac rehabilitation (ICR) with the Pritikin program: tolerability and effectiveness	10/1/2016 - 06/30/2019	Co-I
2	Longer Life Foundation	Deusinger SS	Influence of Exercise and Dietary Patterns on Weight Gain Throughout College	7/1/2003 - 12/31/2004	Co-I
1	Robert Wood Johnson Foundation	Johnson CA	Play Across St. Louis: Presence and Condition of Publicly Accessible Parks, Facilities, and Playgrounds	9/1/2014 - 8/31/2015	Collaborator

GRANTS – Completed – Institutional & Community					
	Funding Agency	PI	Title	Project Dates	Role
11	Healthcare Innovation Lab and Washington U. Institute for Informatics	Garr Barry V	Improving Diagnosis of Superimposed Preeclampsia in Pregnant Patients: A Wearable Device for Non-invasive Continuous Monitoring of Fluid Dynamics	7/1/2022 – 6/30/2024	Mentor
10	Washington University Institute of Clinical and Translational Sciences	Racette SB	Metabolic Adaptations in the CALERIE Trial	8/1/2021 – 7/31/2022	PI
9	Washington University Institute of Clinical and Translational Sciences	Racette SB	Effect of Intensive Cardiac Rehabilitation on Ceramides	5/7/2018 - 5/6/2019	PI
8	Washington University Institute of Clinical and Translational Sciences	Peterson LR	Dietary Nitrates for Heart Failure	2/16/2017 - 2/15/2018	Co-I
7	Washington University Institute of Clinical and Translational Sciences	Peterson LR	Dietary NO ₃ - affects perfusion in heart failure with preserved ejection fraction	6/1/2016 - 5/31/2017	Co-I
6	Washington University Institute of Clinical and Translational Sciences	Racette SB	American Indian Tribal Youth	4/12/2016 - 4/11/2017	PI
5	City of St. Louis Department of Health	Racette SB	Obesity Surveillance in St. Louis	4/1/2015 - 2/29/2016	PI
4	Community/University Health Research Partnerships	Racette SB	Nourishing an Urban Community II	10/1/2010 - 4/30/2013	PI
3	Washington University Diabetic Cardiovascular Disease Center	Peterson LR	Nutritional Therapy for Diabetic Cardiomyopathy	9/1/2010 - 12/31/2012	Co-I
2	Washington University Program in Physical Therapy	Racette SB	Nourishing an Urban Community: Physical Activity Interventions for SLPS Students	6/1/2010 - 5/31/2011	PI
1	Washington University Institute for Public Health	Racette SB	Nourishing an Urban Community	6/24/2009 - 12/31/2012	PI

Susan B. Racette, Ph.D. – Curriculum Vitae

Trainees / Mentees

Postdoctoral Scholars			<i>Key: ASU = Arizona State University C-STAR = Clinical Scientist Training & Research MiM = Mentors in Medicine WUSM = Washington University School of Medicine, St. Louis, MO</i>		
#	Name	Years	Program	Institution	Mentor Role
11	Jordan Gunning, PhD	2024-present	Exercise & Nutritional Sciences	ASU	Research Mentor
10	Valene Garr Barry, PhD	2021-2024	T32 Postdoctoral Fellow	WUSM	Research Co-Mentor
9	Lauren Park, PhD	2020-2023	T32 Postdoctoral Fellow	WUSM	Research Co-Mentor
8	Clifton Holmes, PhD, CSCS	2020-2022	T32 Postdoctoral Fellow	WUSM	Research Co-Mentor
7	Fatima Lakhani, MD	2020-2022	Medicine Resident, MiM Program	WUSM	Research Co-Mentor
6	Andrew Lai, MD	2020-2021	Medicine Resident, MiM Program	WUSM	Research Co-Mentor
5	Mustafa Husaini, MD	2019-2020	Cardiology Fellow	WUSM	Research Co-Mentor
4	Andrea N. Soares, MD	2018-2021	Medicine Resident, MiM Program	WUSM	Research Co-Mentor
3	Michael Madigan, MD	2018-2020	Medicine Resident, MiM Program	WUSM	Research Co-Mentor
2	Dominique Williams, MD	2017-2019	Cardiology Fellow	WUSM	Research Co-Mentor
1	Vinaya Mulkareddy, MD	2016-2018	Medicine Resident, MiM and C-STAR Programs	WUSM	Research Co-Mentor

Doctoral Students			<i>Key: ASU = Arizona State University DPT = Doctor of Physical Therapy MD = Doctor of Medicine OTD = Clinical Doctorate of Occupational Therapy PhD = Doctor of Philosophy WUSM = Washington University School of Medicine, St. Louis, MO WUSTL = Washington University in St. Louis</i>		
#	Name	Years	Program	Institution	Mentor Role
9	Behzad Gudarzi, MS	2025-present	Exercise & Nutritional Sciences	ASU	Research Mentor
8	Madeline Converse, MS	2024-present	Exercise & Nutritional Sciences	ASU	Research Mentor
7	Chao Cao, MPH	2019-2021	PhD - Movement Science	WUSM	Research Co-Mentor
6	Andrea N. Soares	2017-2018	MD	WUSM	Research Elective Preceptor
5	Cara Ocobock, MA	2013-2014	PhD - Anthropology	WUSTL	Dissertation Committee
4	Tiffany C. Dill, MPH	2012-2013	OTD	WUSM	Research Mentor
3	Lynn Monahan Couch, MPH, RD, LDN	2009	PhD - Nutritional Science	University of Medicine and Dentistry of NJ	Dissertation Proposal Reviewer
2	Ashley Glade	2007	DPT & Predoctoral Clinical Research Training	WUSM	Research Mentor
1	Timothy E. Meyer, MS	2004-2005	PhD - Movement Science	WUSM	Dissertation Committee

Susan B. Racette, Ph.D. – Curriculum Vitae

Master's Students			<i>Key: ASU = Arizona State University DPT = Doctor of Physical Therapy MA = Master of Arts MS = Master of Science WUSM = Washington University School of Medicine, St. Louis, MO WUSTL = Washington University in St. Louis</i>		
#	Name	Years	Program	Institution	Mentor Role
14	Jaden Jones	2024-present	MS - Nutrition	ASU	MS Thesis Co-Advisor
13	Mario I. Hernandez	2023-2024	MS - Clinical Exercise Physiology	ASU	MS Thesis Co-Advisor
12	Emily Mansour	2019-2020	MS - Applied Health Behavior Research	WUSM	Research Mentor
11	Nikhil Das	2018-2019	MS - Applied Health Behavior Research	WUSM	Research Mentor
10	Christopher Graham	2018	MS - Biostatistics	WUSM	Research Mentor
9	Kristin Montgomery	2017-2018	MS - Applied Health Behavior Research	WUSM	Research Mentor
8	Rahul Dey	2016-2017	MS - Applied Health Behavior Research	WUSM	Research Mentor
7	Liyang Yu	2016	MS - Biostatistics	WUSM	Research Mentor
6	Rohan Shirali	2015-2016	MA - Mathematics	WUSTL	Research Mentor
5	Nicholas C. DuPont	2014	MS - Biostatistics	WUSM	Research Mentor
4	Monica Metzger	2013	MS - Biostatistics	WUSM	Research Mentor
3	Carling E. Butler	2011-2013	DPT, MS - Clinical Investigation	WUSM	MS Thesis Advisor
2	Jacqueline C. Castillo	2011-2013	DPT, MS - Clinical Investigation	WUSM	MS Thesis Advisor
1	Irene T. Tran	2010-2012	DPT, MS - Clinical Investigation	WUSM	MS Thesis Advisor

Undergraduate Students			<i>Key: ASU = Arizona State University</i>		
#	Name	Years	Program	Institution	Mentor Role
9	Megan Cooksey	2024-present	BS - Psychology	ASU	Honors Thesis Advisor
8	Rachel Bournias	2024-present	BS - Kinesiology	ASU	Honors Thesis Advisor
7	Candice DeCuna	2023-2024	BS - Biological Sciences	ASU	Honors Thesis Advisor
6	Zocelyne Kow	2023-2024	BS – Biological Sciences (Biomedical Sciences)	ASU	Honors Thesis Advisor
5	Kelsey Dykema	2023-2024	BS - Nutritional Science	ASU	Research Mentor
4	Carine Wahba	2023	BS - Medical Studies	ASU	Research Mentor
3	Dhaky Mullangi	2023	BA - Business (Law) & BS - Biochemistry	ASU	Research Mentor
2	Jasmyn DeGraff	2022-present	BS - Dietetics	ASU	Research Mentor
1	Jaclyn DiGregorio	2016-2017	BA - Business	Georgetown University	Mentor on Senior book-writing project

Bibliography – Peer-reviewed articles in scientific journals (*chronological order*)

h-index: 57

i10-index: 110

Citations: 13361 (all); 4615 (since 2020)

List of Published Work in MyBibliography:

https://www.ncbi.nlm.nih.gov/myncbi/Susan_Racette_Bibliography

**Reverse Chronological Order*

- 135) Corbin C, Tahmin CI, Tahsin CT, Ahmed Z, Wattero R, Mohamed A, **Racette SB**, Duprez D, Fonkoue IT. Estradiol Levels are Differentially Associated with Pulse Wave Velocity in Trauma-exposed Premenopausal Women with and without PTSD. *Am J Physiol Regul Integr Comp Physiol*. In Press.
- 134) Bajunaid R, Niu C, Hambly C, Liu Z, Yamada Y, Aleman-Mateo H, Anderson LJ, Arab L, Baddou I, Bandini L, Bedu-Addo K, Blaak EE, Bouten CVC, Brage S, Buchowski MS, Butte NF, Camps SGJA, Casper R, Close GL, Cooper JA, Cooper R, Das SK, Davies PSW, Dabare P, Dugas LR, Eaton S, Ekelund U, Entringer S, Forrester T, Fudge BW, Gillingham M, Goris AH, Gurven M, El Hamdouchi A, Haisma HH, Hoffman D, Hoos MB, Hu S, Joonas N, Joosen AM, Katzmarzyk P, Kimura M, Kraus WE, Kriengsinyos W, Kuriyan R, Kushner RF, Lambert EV, Lanerolle P, Larsson CL, Leonard WR, Lessan N, Löf M, Martin CK, Matsiko E, Medin AC, Morehen JC, Morton JP, Must A, Neuhouser ML, Nicklas TA, Nyström CD, Ojiambo RM, Pietiläinen KH, Pitsiladis YP, Plange-Rhule J, Plasqui G, Prentice RL, **Racette SB**, Raichlen DA, Ravussin E, Redman LM, Reilly JJ, Reynolds R, Roberts SB, Samaranayakem D, Sardinha LB, Silva AM, Sjödin AM, Stamatiou M, Stice E, Urlacher SS, Van Etten LM, van Mil EGAH, Wilson G, Yanovski JA, Yoshida T, Zhang X, Murphy-Alford AJ, Sinha S, Loechl CU, Luke AH, Pontzer H, Rood J, Sagayama H, Schoeller DA, Westerterp KR, Wong WW, Speakman JR. Predictive equation derived from 6,497 doubly labelled water measurements enables the detection of erroneous self-reported energy intake. *Nat Food*. 2025 Jan 13. doi: 10.1038/s43016-024-01089-5.
- 133) Ebong IA, Wilson MD, **Racette SB**, Appiah D, Schreiner PJ, Allison M, Watson K, Bertoni AG, Michos ED. The Association of Menopausal Age with Sex Hormones and Anthropometric Measures among Postmenopausal Women in the MESA study. *J Womens Health (Larchmt)*. 2025 Jan 13. doi: 10.1089/jwh.2024.0508.
- 132) Fonkoue IT, Silva M, **Racette SB**, Safo SE, de las Fuentes L, Lowe D, Ebong IA, Buysse D, Reis SE, Saeed A. Sleep as a Possible Mediator in the Association of Mental Health Parameters with Cardiovascular Health Indices in Women: Exploratory Analyses from the Heart SCORE Study. *Menopause*. 2025 Jan 7. doi: 10.1097/GME.0000000000002461.
- 131) Ebong IA, Wilson M, Michos ED, Appiah D, Schreiner PJ, **Racette SB**, Allison M, Watson K, Bertoni A. Menopausal age, adipokines, and heart failure incidence in postmenopausal women of Multi-Ethnic Study of Atherosclerosis. *Menopause*. 2025 Jan 1; 32(1):72-80. doi: 10.1097/GME.0000000000002456.
- 130) Wong WW, Speakman JR, Ainslie PN, Anderson LJ, Arab L, Baddou I, Bedu-Addo K, Blaak EE, Blanc S, Bonomi AG, Bouten CV, Bovet P, Buchowski MS, Butte NF, Camps SG, Casper R, Close GL, Colbert LH, Cooper JA, Das SK, Davies PS, Eaton S, Ekelund U, Hambly C, El Hamdouchi A, Entringer S, Fudge BW, Gillingham M, Goris AH, Gurven M, Hoos MB, Hu S, Joosen A, Katzmarzyk PT, Kempen KP, Kimura M, Kraus WE, Kushner RF, Larsson CL, Morehen JC, Morton JP, Neuhouser ML, Nicklas TA, Ojiambo RM, Pietiläinen KH, Pitsiladis YP, Plasqui G, Prentice RL, Rabinovich R, **Racette SB**, Raichen DA, Redman L, Ravussin E, Reilly JJ, Roberts S, Scutt AJ, Sjödin AM, Stice E, Urlacher SS, Valenti G, van Etten LM, Van Mil EA, Verbunt JA, Wells JC, Wilson G, Yoshida T, Zhang X, Loechl CU, Luke A, Murphy-Alford AJ, Pontzer H, Sagayama H, Rood JC, Schoeller DA, Westerterp KR, Yamada Y; IAEA DLW Database Consortium. Decline in Isotope Dilution Space Ratio Above Age 60 Could Affect Energy Estimates Using

- the Doubly Labeled Water Method. *J Nutr*. 2024 Dec;154(12):3824-3831. doi: 10.1016/j.tjnut.2024.10.016.
- 129) Soares A, Park LK, Mansour E, Deych E, Puritz A, Zhao M, Cao C, Coggan AR, Barger PM, Foraker R, **Racette SB**, Peterson LR. Predictive Value of $\dot{V}O_{2peak}$ in Adult Congenital Heart Disease in Comparison with Heart Failure with Reduced Ejection Fraction. *medRxiv* [Preprint]. 2024 Oct 13:2024.10.11.24315308. doi: 10.1101/2024.10.11.24315308.
- 128) Tahmin CI, Tahsin CT, Wattero R, Ahmed Z, Corbin C, Carter JR, Park J, **Racette SB**, Sullivan SS, Herr MD, Fonkoue IT. Blunted brachial blood flow velocity response to acute mental stress in PTSD females. *Physiol Rep*. 2024 Jul;12(13):e16137. doi: 10.14814/phy2.16137.
- 127) Hastings WJ, Ye Q, Wolf SE, Ryan CP, Das SK, Huffman KM, Kobor MS, Kraus WE, MacIsaac JL, Martin CK, **Racette SB**, Redman LM, Belsky DW, Shalev I. Effect of long-term caloric restriction on telomere length in healthy adults: CALERIE™ 2 trial analysis. *Aging Cell*. 2024 Mar 19:e14149. doi: 10.1111/accel.14149.
- 126) Onugha EA, Banerjee A, Vimalajeewa HD, Nobleza KJ, Nguyen DT, **Racette SB**, Dave JM. Dietary Sodium and Potassium Patterns in Adults with Food Insecurity in the Context of Hypertension Risk. *medRxiv* [Preprint]. 2024 Feb 3:2024.02.01.24302167. doi: 10.1101/2024.02.01.24302167.
- 125) Ebong IA, Michos ED, Wilson M, Appiah D, Schreiner PJ, **Racette SB**, Allison M, Watson K, Bertoni A. Adipokines and Adiposity Among Postmenopausal Women of the Multi-Ethnic Study of Atherosclerosis. *Menopause*. 2024 Feb 1;31(3):209-217. doi: 10.1097/GME.0000000000002261.
- 124) Husaini M, Deych E, Waken RJ, Sells BS, Lai A, **Racette SB**, Rich MW, Joynt Maddox KE, Peterson LR. Intensive versus Traditional Cardiac Rehabilitation: Mortality & Cardiovascular Outcomes in a 2016-2020 Retrospective Medicare Cohort. *Circ Cardiovasc Qual Outcomes*. 2023 Dec 1:e010131. doi: 10.1161/CIRCOUTCOMES.123.010131.
- 123) Aversa Z, White TA, Heeren AA, Hulshizer CA, Saul D, Zhang X, Molina AJA, Redman LM, Martin CK, **Racette SB**, Huffman KM, Bhapkar M, Khosla S, Das SK, Fielding RA, Arkinson EJ, LeBrasseur NK. Calorie restriction reduces biomarkers of cellular senescence in humans. *Aging Cell*. 2023 Nov 14:e14038. doi: 10.1111/accel.14038. Epub 2023 Nov 14.
- 122) Das JK, Banskota N, Candia J, Griswold ME, Orenduff M, de Cabo R, Corcoran DL, Das SK, De S, Huffman KM, Kraus VB, Kraus WE, Martin CK, **Racette SB**, Redman LM, Schilling B, Belsky DW, Ferrucci L. Calorie restriction modulates the transcription of genes related to stress-response and longevity in human muscle: the CALERIE study. *Aging Cell*. 2023 Oct 12:e13963. doi: 10.1111/accel.13963. Epub 2023 Oct 12.
- 121) Coggan AR, Park LK, **Racette SB**, Dávila-Román VG, Lenzen P, Vehe K, Dore PM, Schechtman KB, Peterson LR. The inorganic Nitrate and eXercise performance in Heart Failure (iNIX-HF) phase II clinical trial: Rationale and study design. *Contemp Clin Trials Commun*. 2023 Oct 2;36:101208. doi: 10.1016/j.conctc.2023.101208.
- 120) Halsey LG, Careau V, Ainslie PN, Alemán-Mateo H, Andersen LF, Anderson LJ, Arab L, Baddou I, Bandini L, Bedu-Addo K, Blaak EE, Blanc S, Bonomi AG, Bouten CVC, Bovet P, Brage S, Buchowski MS, Butte N, Camps SG, Casper R, Close GL, Colbert LH, Cooper JA, Cooper R, Dabare P, Das SK, Davies PSW, Deb S, Nyström CD, Dietz W, Dugas LR, Eaton S, Ekelund U, Hamdouchi AE, Entringer S, Forrester T, Fudge BW, Gillingham M, Goris AH, Gurven M, Haisma H, Hambly C, Hoffman D, Hoos MB, Hu S, Joonas N, Joosen A, Katzmarzyk P, Kempen KP, Kimura M, Kraus WE, Kriengsinyos W, Kuriyan R, Kushner RF, Lambert EV, Lanerolle P, Larsson CL, Lessan N, Löf M, Martin C, Matsiko E, Meijer GA, Morehen JC, Morton JP, Must A, Neuhouser M, Nicklas TA, Ojiambo RM, Pietilainen KH, Pitsiladis YP, Plange-Rhule J, Plasqui G, Prentice RL, Rabinovich R, **Racette SB**, Raichen DA, Ravussin E, Redman L, Reilly JJ, Reynolds R, Roberts S, Rood JC, Samaranyake D, Sardinha LB, Scutt AJ, Silva AM, Sinha S, Sjödin AM, Stice E, Stunkard A, Urlacher SS, Valencia ME, Valenti G, van Etten LM, Van Mil EA, Verbunt JA, Wells JCK, Wilson G, Wood

- B, Yoshida T, Zhang X, Murphy-Alford A, Loechl C, Luke A, Pontzer H, Rood J, Sagayama H, Westerterp KR, Wong WW, Yamada Y, Speakman JR; IAEA DLW Database Consortium. Greater male variability in daily energy expenditure develops through puberty. *Biol Lett*. 2023 Sep;19(9):20230152. doi: 10.1098/rsbl.2023.0152.
- 119) Speakman JR, de Jong JMA, Sinha S, Westerterp KR, Yamada Y, Sagayama H, Ainslie PN, Anderson LJ, Arab L, Bedu-Addo K, Blanc S, Bonomi AG, Bovet P, Brage S, Buchowski MS, Butte NF, Camps SGJA, Cooper JA, Cooper R, Das SK, Davies PSW, Dugas LR, Ekelund U, Entringer S, Forrester T, Fudge BW, Gillingham M, Ghosh S, Goris AH, Gurven M, Halsey LG, Hambly C, Haisma HH, Hoffman D, Hu S, Joosen AM, Kaplan JL, Katzmarzyk P, Kraus WE, Kushner RF, Leonard WR, Löf M, Martin CK, Matsiko E, Medin AC, Meijer EP, Neuhouser ML, Nicklas TA, Ojiambo RM, Pietiläinen KH, Plange-Rhule J, Plasqui G, Prentice RL, **Racette SB**, Raichlen DA, Ravussin E, Redman LM, Roberts SB, Rudolph MC, Sardinha LB, Schuit AJ, Silva AM, Stice E, Urlacher SS, Valenti G, Van Etten LM, Van Mil EA, Wood BM, Yanovski JA, Yoshida T, Zhang X, Murphy-Alford AJ, Loechl CU, Kurpad A, Luke AH, Pontzer H, Rodeheffer MS, Rood J, Schoeller DA, Wong WW. Total daily energy expenditure has declined over the past three decades due to declining basal expenditure, not reduced activity expenditure. *Nat Metab*. 2023 Apr;5(4):579-588. doi: 10.1038/s42255-023-00782-2.
- 118) Lakhani F, **Racette SB**, Park LK, Deych E, Williams D, McKenzie KM, Stranczek NA, McKenzie EJ, Lenze E, Durbin D, Jonagan J, Carson T, Talpade N, Rich MW, de las Fuentes L, Peterson LR. Prospective Study of the Impact of Outpatient Intensive Cardiac Rehabilitation on Diet Quality, Health-related Quality of Life, and Cardiovascular Health Indices. *Am J Cardiol*. 2023 Apr 1;192:60-66. doi: 10.1016/j.amjcard.2023.01.001.
- 117) Waziry R, Ryan CP, Corcoran DL, Huffman KM, Kobor MS, Kothari M, Graf GH, Kraus VB, Kraus WE, Lin DTS, Pieper CF, Ramaker ME, Bhapkar M, Das SK, Ferrucci L, Hastings WJ, Kebbe M, Parker DC, **Racette SB**, Shalev I, Schilling B, Belsky DW. Effect of Long-Term Caloric Restriction on DNA Methylation Measures of Biological Aging in Healthy Adults from the CALERIE™ Trial. *Nat Aging*. 2023 Mar;3(3):248-257. doi: 10.1038/s43587-022-00357-y.
- 116) Yamada Y, Zhang X, Henderson MET, Sagayama H, Pontzer H, Watanabe D, Yoshida T, Kimura M, Ainslie PN, Andersen LF, Anderson LJ, Arab L, Baddou I, Bedu-Addo K, Blaak EE, Blanc S, Bonomi AG, Bouten CVC, Bovet P, Buchowski MS, Butte NF, Camps SG, Close GL, Cooper JA, Cooper R, Das SK, Dugas LR, Eaton S, Ekelund U, Entringer S, Forrester T, Fudge BW, Goris AH, Gurven M, Halsey LG, Hambly C, El Hamdouchi A, Hoos MB, Hu S, Joonas N, Joosen AM, Katzmarzyk P, Kempen KP, Kraus WE, Kriengsinyos W, Kushner RF, Lambert EV, Leonard WR, Lessan N, Martin CK, Medin AC, Meijer EP, Morehen JC, Morton JP, Neuhouser ML, Nicklas TA, Ojiambo RM, Pietiläinen KH, Pitsiladis YP, Plange-Rhule J, Plasqui G, Prentice RL, Rabinovich RA, **Racette SB**, Raichlen DA, Ravussin E, Redman LM, Reilly JJ, Reynolds RM, Roberts SB, Schuit AJ, Sardinha LB, Silva AM, Sjödin AM, Stice E, Urlacher SS, Valenti G, Van Etten LM, Van Mil EA, Wells JCK, Wilson G, Wood BM, Yanovski JA, Murphy-Alford AJ, Loechl CU, Luke AH, Rood J, Westerterp KR, Wong WW, Miyachi M, Schoeller DA, Speakman JR; International Atomic Energy Agency (IAEA) Doubly Labeled Water (DLW) Database Consortium. Variation in human water turnover associated with environmental and lifestyle factors. *Science*. 2022 Nov 25;378(6622):909-915. doi: 10.1126/science.abm8668.
- 115) **Racette SB**, Park LK, Rashdi ST, Montgomery K, McKenzie KM, Deych E, Graham C, Das N, Fogarty TM, Van Zandt A, Carson T, Durbin D, Jonagan J, Rich MW, de las Fuentes L, Peterson LR. Benefits of the First Pritikin Outpatient Intensive Cardiac Rehabilitation Program. *J Cardiopulm Rehabil Prev*. 2022 Nov 1;42(6):449-455. doi: 10.1097/HCR.0000000000000700.
- 114) Halsey LG, Careau V, Pontzer H, Ainslie PN, Andersen LF, Anderson LJ, Arab L, Baddou I, Bedu-Addo K, Blaak EE, Blanc S, Bonomi AG, Bouten CVC, Bovet P, Buchowski MS, Butte NF, Camps SGJA, Close GL, Cooper JA, Das SK, Cooper R, Dugas LR, Ekelund U, Entringer S, Forrester T, Fudge BW, Goris AH,

- Gurven M, Hambly C, Hamdouchi AE, Hoos MB, Hu S, Joonas N, Joosen AM, Katzmarzyk P, Kempen KP, Kimura M, Kraus WE, Kushner RF, Lambert EV, Leonard WR, Lessan N, Martin CK, Medin AC, Meijer EP, Morehen JC, Morton JP, Neuhouser ML, Nicklas TA, Ojiambo RM, Pietiläinen KH, Pitsiladis YP, Plange-Rhule J, Plasqui G, Prentice RL, Rabinovich RA, **Racette SB**, Raichlen DA, Ravussin E, Reynolds RM, Roberts SB, Schuit AJ, Sjödin AM, Stice E, Urlacher SS, Valenti G, Van Etten LM, Van Mil EA, Wilson G, Wood BM, Yanovski J, Yoshida T, Zhang X, Murphy-Alford AJ, Loechl CU, Luke AH, Rood J, Sagayama H, Schoeller DA, Westerterp KR, Wong WW, Yamada Y, Speakman JR. Variability in energy expenditure is much greater in males than females. *J Hum Evol.* 2022 Oct;171:103229. doi: 10.1016/j.jhevol.2022.103229.
- 113) **Racette SB**, Barry VG, Bales CW, McCrory MA, Obert KA, Gilhooly CH, Roberts SB, Martin CK, Champagne C, Das SK. Nutritional quality of calorie restricted diets in the CALERIE™ 1 trial. *Exp Gerontol.* 2022 Aug;165:111840. doi: 10.1016/j.exger.2022.111840.
- 112) Zhang X, Yamada Y, Sagayama H, Ainslie PN, Blaak EE, Buchowski MS, Close GL, Cooper JA, Das SK, Dugas LR, Gurven M, El Hamdouchi A, Hu S, Joonas N, Katzmarzyk P, Kraus WE, Kushner RF, Leonard WR, Martin CK, Meijer EP, Neuhouser ML, Ojiambo RM, Pitsiladis YP, Plasqui G, Prentice RL, **Racette SB**, Ravussin E, Redman LM, Reynolds RM, Roberts SB, Sardinha LB, Silva AM, Stice E, Urlacher SS, Van Mil EA, Wood BM, Murphy-Alford AJ, Loechl C, Luke AH, Rood J, Schoeller DA, Westerterp KR, Wong WW, Pontzer H, Speakman JR; IAEA DLW database consortium. Human total, basal and activity energy expenditures are independent of ambient environmental temperature. *iScience.* 2022 Jun 28;25(8):104682. doi: 10.1016/j.isci.2022.104682.
- 111) Martin CK, Höchsmann C, Dorling JL, Bhapkar M, Pieper CF, **Racette SB**, Das SK, Redman LM, Kraus WE, Ravussin E; CALERIE™ Phase 2 Study Group. Challenges in defining successful adherence to calorie restriction goals in humans: Results from CALERIE™ 2. *Exp Gerontol.* 2022 Jun 1;162:111757. doi: 10.1016/j.exger.2022.111757.
- 110) Husaini M, Deych E, **Racette SB**, Rich MW, Joynt Maddox KE, Peterson LR. Intensive Cardiac Rehabilitation Is Markedly Underutilized by Medicare Beneficiaries: Results from a 2012-2016 National Sample. *J Cardiopulm Rehabil Prev.* 2022 May 1;42(3):156-162. doi: 10.1097/HCR.0000000000000632.
- 109) Ebong IA, Wilson MD, Appiah D, Michos ED, **Racette SB**, Villablanca A, Breathett K, Lutsey PL, Wellons M, Watson KE, Chang P, Bertoni AG. Relationship Between Age at Menopause, Obesity, and Incident Heart Failure: The Atherosclerosis Risk in Communities Study. *J Am Heart Assoc.* 2022 Apr 19;11(8):e024461. doi: 10.1161/JAHA.121.024461.
- 108) Holmes CJ, **Racette SB**, Symonds L, Arbeláez AM, Cao C, Granados A. Comparison of Bioelectrical Impedance Analysis with DXA in Adolescents with Cystic Fibrosis before and after a Resistance Training Intervention. *Int J Environ Res Public Health.* 2022 Mar 29;19(7):4037. doi: 10.3390/ijerph19074037.
- 107) Holmes CJ, **Racette SB**, Symonds L, Arbeláez AM, Cao C, Granados A. Feasibility and Efficacy of Telehealth-Based Resistance Exercise Training in Adolescents with Cystic Fibrosis and Glucose Intolerance. *Int J Environ Res Public Health.* 2022 Mar 11;19(6):3297. doi: 10.3390/ijerph19063297.
- 106) McKenzie KM, Park LK, Lenze EJ, Montgomery K, Rashdi S, Deych E, Stranczek NA, McKenzie EJ, Rich MW, Garr Barry V, Jonagan J, Talpade N, Durbin D, Carson T, Peterson LR, **Racette SB**, de las Fuentes L. A Prospective Cohort Study of the Impact of Outpatient Intensive Cardiac Rehabilitation on Depression and Cardiac Self-Efficacy. *Am Heart J Plus* 2022 Jan;13:100100. doi: 10.1016/j.ahjo.2022.100100.
- 105) Rimbach R, Yamada Y, Sagayama H, Ainslie PN, Anderson LF, Anderson LJ, Arab L, Baddou I, Bedu-Addo K, Blaak EE, Blanc S, Bonomi AG, Bouten CVC, Bovet P, Buchowski MS, Butte NF, Camps SGJA, Close GL, Cooper JA, Das SK, Dugas LR, Ekelund U, Entringer S, Forrester T, Fudge BW, Goris AH, Gurven M, Hambly C, El Hamdouchi A, Hoos MB, Hu S, Joonas N, Joosen AM, Katzmarzyk P, Kempen KP, Kimura M, Kraus WE, Kushner RF, Lambert EV, Leonard WR, Lessan N, Martin CK, Medin AC, Meijer EP, Morehen JC, Morton JP, Neuhouser ML, Nicklas TA, Ojiambo RM, Pietiläinen KH, Pitsiladis YP, Plange-Rhule J,

- Plasqui G, Prentice RL, Rabinovich RA, **Racette SB**, Raichlen DA, Ravussin E, Reynolds RM, Roberts SB, Schuit AJ, Sjödín AM, Stice E, Urlacher SS, Valenti G, Van Etten LM, Van Mil EA, Wells JCK, Wilson G, Wood BM, Yanovski J, Yoshida T, Zhang X, Murphy-Alford AJ, Loechl CU, Luke AH, Rood J, Schoeller DA, Westerterp KR, Wong WW, Speakman JR, Pontzer H; IAEA DLW Database Consortium. Total energy expenditure is repeatable in adults but not associated with short-term changes in body composition. *Nat Commun*. 2022 Jan 10;13(1):99. doi: 10.1038/s41467-021-27246-z.
- 104) Huffman KM, Parker DC, Bhapkar M, **Racette SB**, Martin CK, Redman LM, Das SK, Connelly MA, Pieper CF, Orenduff M, Ross LM, Ramaker ME, Dorling JL, Rosen CJ, Shalurova I, Otvos JD, Kraus VB, Kraus WE; CALERIE™ Investigators. Calorie restriction improves lipid-related emerging cardiometabolic risk factors in healthy adults without obesity: Distinct influences of BMI and sex from CALERIE™ a multicentre, phase 2, randomised controlled trial. *EClinicalMedicine*. 2022 Jan 3;43:101261. doi: 10.1016/j.eclinm.2021.101261.
- 103) Forman DE, **Racette SB**, Toto PE, Peterson LR, Glynn NW, Pruskowski J, Byard T, Delligatti A, Lolley R, Mulkareddy V, Allsup K, Perera S, Lenze EJ, Rich MW. Modified Application of Cardiac Rehabilitation in Older Adults (MACRO) Trial: Protocol changes in a pragmatic multi-site randomized controlled trial in response to the COVID-19 pandemic. *Contemp Clin Trials*. 2022 Jan;112:106633. doi: 10.1016/j.cct.2021.106633.
- 102) Dorling JL, Belsky DW, Ravussin E, Redman LM, Hochsmann C, Huffman KM, **Racette SB**, Das SK, Kraus WE, Martin CK, CALERIE Phase 2 Study Group. Association between the FTO rs9939609 single nucleotide polymorphism and dietary adherence during a 2-year caloric restriction intervention: Exploratory analyses from CALERIE™ phase 2. *Exp Gerontol*. 2021 Nov;155:111555. doi: 10.1016/j.exger.2021.111555.
- 101) Westerterp KR, Yamada Y, Sagayama H, Ainslie PN, Andersen LF, Anderson LJ, Arab L, Baddou I, Bedu-Addo K, Blaak EE, Blanc S, Bonomi AG, Bouten CVC, Bovet P, Buchowski MS, Butte NF, Camps SGJA, Close GL, Cooper JA, Das SK, Cooper R, Dugas LR, Ekelund U, Entringer S, Forrester T, Fudge BW, Goris AH, Gurven M, Hambly C, El Hamdouchi A, Hoos MB, Hu S, Joonas N, Joosen AM, Katzmarzyk P, Kempen KP, Kimura M, Kraus WE, Kushner RF, Lambert EV, Leonard WR, Lessan N, Martin CK, Medin AC, Meijer EP, Morehen JC, Morton JP, Neuhouser ML, Nicklas TA, Ojiambo RM, Pietiläinen KH, Pitsiladis YP, Plange-Rhule J, Plasqui G, Prentice RL, Rabinovich RA, **Racette SB**, Raichlen DA, Ravussin E, Reynolds RM, Roberts SB, Schuit AJ, Sjödín AM, Stice E, Urlacher SS, Valenti G, Van Etten LM, Van Mil EA, Wells JCK, Wilson G, Wood BM, Yanovski J, Yoshida T, Zhang X, Murphy-Alford AJ, Loechl CU, Luke AH, Pontzer H, Rood J, Schoeller DA, Wong WW, Speakman JR; International Atomic Energy Agency Doubly Labeled Water database group. Physical activity and fat-free mass during growth and in later life. *Am J Clin Nutr*. 2021 Nov 8;114(5):1583-1589. doi: 10.1093/ajcn/nqab260.
- 100) Careau V, Halsey LG, Pontzer H, Ainslie PN, Andersen LF, Anderson LJ, Arab L, Baddou I, Bedu-Addo K, Blaak EE, Blanc S, Bonomi AG, Bouten CVC, Buchowski MS, Butte NF, Camps SGJA, Close GL, Cooper JA, Das SK, Cooper R, Dugas LR, Eaton SD, Ekelund U, Entringer S, Forrester T, Fudge BW, Goris AH, Gurven M, Hambly C, El Hamdouchi A, Hoos MB, Hu S, Joonas N, Joosen AM, Katzmarzyk P, Kempen KP, Kimura M, Kraus WE, Kushner RF, Lambert EV, Leonard WR, Lessan N, Martin CK, Medin AC, Meijer EP, Morehen JC, Morton JP, Neuhouser ML, Nicklas TA, Ojiambo RM, Pietiläinen KH, Pitsiladis YP, Plange-Rhule J, Plasqui G, Prentice RL, Rabinovich RA, **Racette SB**, Raichlen DA, Ravussin E, Reilly JJ, Reynolds RM, Roberts SB, Schuit AJ, Sjödín AM, Stice E, Urlacher SS, Valenti G, Van Etten LM, Van Mil EA, Wells JCK, Wilson G, Wood BM, Yanovski J, Yoshida T, Zhang X, Murphy-Alford AJ, Loechl CU, Luke AH, Rood J, Sagayama H, Schoeller DA, Wong WW, Yamada Y, Speakman JR; IAEA DLW database group. Energy compensation and adiposity in humans. *Curr Biol*. 2021 Oct 25;31(20):4659-4666.e2. doi: 10.1016/j.cub.2021.08.016.
- 99) Pontzer H, Yamada Y, Sagayama H, Ainslie PN, Andersen LF, Anderson LJ, Arab L, Baddou I, Bedu-Addo

- K, Blaak EE, Blanc S, Bonomi AG, Bouten CVC, Bovet P, Buchowski MS, Butte NF, Camps SG, Close GL, Cooper JA, Cooper R, Das SK, Dugas LR, Ekelund U, Entringer S, Forrester T, Fudge BW, Goris AH, Gurven M, Hambly C, El Hamdouchi A, Hoos MB, Hu S, Joonas N, Joosen AM, Katzmarzyk P, Kempen KP, Kimura M, Kraus WE, Kushner RF, Lambert EV, Leonard WR, Lessan N, Martin C, Medin AC, Meijer EP, Morehen JC, Morton JP, Neuhouser ML, Nicklas TA, Ojiambo RM, Pietiläinen KH, Pitsiladis YP, Plange-Rhule J, Plasqui G, Prentice RL, Rabinovich RA, **Racette SB**, Raichlen DA, Ravussin E, Reynolds RM, Roberts SB, Schuit AJ, Sjödin AM, Stice E, Urlacher SS, Valenti G, Van Etten LM, Van Mil EA, Wells JCK, Wilson G, Wood BM, Yanovski J, Yoshida T, Zhang X, Murphy-Alford AJ, Loechl C, Luke AH, Rood J, Schoeller DA, Westerterp KR, Wong WW, Speakman JR; IAEA DLW Database Consortium. Daily energy expenditure through the human life course. *Science*. 2021 Aug 13;373(6556):808-812. doi: 10.1126/science.abe5017.
- 98) Holmes CJ, **Racette SB**. The Utility of Body Composition Assessment in Nutrition and Clinical Practice: An Overview of Current Methodology. *Nutrients*. 2021 Jul 22;13(8):2493. doi: 10.3390/nu13082493.
- 97) Hardy DS, **Racette SB**, Garvin JT, Gebrekristos HT, Mersha TB. Ancestry specific associations of a genetic risk score, dietary patterns and metabolic syndrome: a longitudinal ARIC study. *BMC Med Genomics*. 2021 May 1;14(1):118. doi: 10.1186/s12920-021-00961-8.
- 96) Dorling JL, Ravussin E, Redman LM, Bhapkar M, Huffman KM, **Racette SB**, Das SK, Apolzan JW, Kraus WE, Höchsmann C, Martin CK; CALERIE Phase 2 Study Group. Effect of 2 years of calorie restriction on liver biomarkers: results from the CALERIE phase 2 randomized controlled trial. *Eur J Nutr*. 2021 Apr;60(3):1633-1643. doi: 10.1007/s00394-020-02361-7.
- 95) Speakman JR, Yamada Y, Sagayama H, Berman ESF, Ainslie PN, Andersen LF, Anderson LJ, Arab L, Baddou I, Bedu-Addo K, Blaak EE, Blanc S, Bonomi AG, Bouten CVC, Bovet P, Buchowski MS, Butte NF, Camps SGJA, Close GL, Cooper JA, Creasy SA, Das SK, Cooper R, Dugas LR, Ebbeling CB, Ekelund U, Entringer S, Forrester T, Fudge BW, Goris AH, Gurven M, Hambly C, El Hamdouchi A, Hoos MB, Hu S, Joonas N, Joosen AM, Katzmarzyk P, Kempen KP, Kimura M, Kraus WE, Kushner RF, Lambert EV, Leonard WR, Lessan N, Ludwig DS, Martin CK, Medin AC, Meijer EP, Morehen JC, Morton JP, Neuhouser ML, Nicklas TA, Ojiambo RM, Pietiläinen KH, Pitsiladis YP, Plange-Rhule J, Plasqui G, Prentice RL, Rabinovich RA, **Racette SB**, Raichlen DA, Ravussin E, Reynolds RM, Roberts SB, Schuit AJ, Sjödin AM, Stice E, Urlacher SS, Valenti G, Van Etten LM, Van Mil EA, Wells JCK, Wilson G, Wood BM, Yanovski J, Yoshida T, Zhang X, Murphy-Alford AJ, Loechl CU, Melanson EL, Luke AH, Pontzer H, Rood J, Schoeller DA, Westerterp KR, Wong WW; IAEA DLW database group. A standard calculation methodology for human doubly labeled water studies. *Cell Rep Med*. 2021 Feb 16;2(2):100203. doi: 10.1016/j.xcrm.2021.100203.
- 94) Dorling JL, van Vliet S, Huffman KM, Kraus WE, Bhapkar M, Pieper CF, Stewart T, Das SK, **Racette SB**, Roberts SB, Ravussin E, Redman LM, Martin CK; CALERIE Study Group. Effects of caloric restriction on human physiological, psychological, and behavioral outcomes: Highlights from CALERIE phase 2. *Nutr Rev*. 2021 Jan 1;79(1):98-113. doi: 10.1093/nutrit/nuaa085.
- 93) Coggan AR, **Racette SB**, Thies D, Peterson LR, Stratford RE Jr. Simultaneous Pharmacokinetic Analysis of Nitrate and its Reduced Metabolite, Nitrite, Following Ingestion of Inorganic Nitrate in a Mixed Patient Population. *Pharm Res* 2020 Nov 2;37(12):235. doi: 10.1007/s11095-020-02959-w.
- 92) Dorling JL, Das SK, **Racette SB**, Apolzan JW, Zhang D, Pieper CF, Martin CK; CALERIE Study Group. Changes in body weight, adherence, and appetite during 2 years of calorie restriction: the CALERIE 2 randomized clinical trial. *Eur J Clin Nutr*. 2020 Aug;74(8):1210-1220. doi: 10.1038/s41430-020-0593-8.
- 91) Cao C, Yang L, Cade WT, **Racette SB**, Park Y, Cao Y, Friedenreich CM, Hamer M, Stamatakis E, Smith L. Cardiorespiratory Fitness Is Associated with Early Death Among Healthy Young and Middle-aged Baby Boomers and Generation Xers. *Am J Med*. 2020 Aug;133(8):961-968.e3. doi: 10.1016/j.amjmed.2019.12.041.

- 90) Hardy DS, Garvin JT, Mersha TB, **Racette SB**. Ancestry specific associations of FTO gene variant and metabolic syndrome: A longitudinal ARIC study. *Medicine* (Baltimore) 2020 Feb;99(6):e18820. doi: 10.1097/MD.00000000000018820.
- 89) Dorling JL, Bhapkar M, Das SK, **Racette SB**, Apolzan JW, Fearnbach SN, Redman LM, Myers CA, Stewart TM, Martin CK; CALERIE Study Group. Change in self-efficacy, eating behaviors and food cravings during two years of calorie restriction in humans without obesity. *Appetite*. 2019 Dec 1;143:104397. doi: 10.1016/j.appet.2019.104397.
- 88) Madigan MJ Jr, **Racette SB**, Coggan AR, Stein RI, McCue LM, Gropler RJ, Peterson LR. Weight Loss Affects Intramyocardial Glucose Metabolism in Obese Humans. *Circ Cardiovasc Imaging*. 2019 Aug;12(8):e009241. doi: 10.1161/CIRCIMAGING.119.009241.
- 87) Dey R, Clark BR, Ackermann N, **Racette SB**. Weight status perception and weight loss intention among urban youth. *Obes Res Clin Pract*. 2019 Jul-Aug;13(4):391-394. doi: 10.1016/j.orcp.2019.04.004.
- 86) Mulkareddy V, **Racette SB**, Coggan AR, Peterson LR. Dietary nitrate's effects on exercise performance in heart failure with reduced ejection fraction (HFrEF). *Biochim Biophys Acta Mol Basis Dis*. 2019 Apr 1;1865(4):735-740. doi: 10.1016/j.bbadis.2018.09.026.
- 85) Clark BR, Uhrich ML, Dill TC, White ML, Milam L, Ackermann N, Arroyo C, **Racette SB**. Failure to Meet Aerobic Fitness Standards Among Urban Elementary Students. *Prev Med Rep*. 2018 Oct 17;12:330-335. doi: 10.1016/j.pmedr.2018.10.011.
- 84) Osazuwa-Peters OL, Schwander K, Waken RJ, de las Fuentes L, Kilpeläinen TO, Loos RJF, **Racette SB**, Sung YJ, Rao DC. The promise of selecting individuals from the extremes of exposure in the analysis of gene-physical activity interactions. *Hum Hered*. 2018;83(6):315-332. doi: 10.1159/000499711.
- 83) Lin X, **Racette SB**, Ma L, Wallendorf M, Dávila-Román VG, Ostlund RE Jr. Endogenous Cholesterol Excretion Is Negatively Associated With Carotid Intima-Media Thickness in Humans. *Arterioscler Thromb Vasc Biol*. 2017 Dec;37(12):2364-2369. doi: 10.1161/ATVBAHA.117.310081.
- 82) **Racette SB**, Rochon J, Uhrich ML, Villareal DT, Das SK, Fontana L, Bhapkar M, Martin CK, Redman LM, Fuss PJ, Roberts SB, Kraus WE. Effects of two years of calorie restriction on aerobic capacity and muscle strength. *Med Sci Sports Exerc*. 2017 Nov;49(11):2240-2249. doi: 10.1249/MSS.0000000000001353.
- 81) **Racette SB**, Uhrich ML, White ML, Yu L, Clark BR. Sex differences in FITNESSGRAM® health risk based on aerobic capacity and body composition among urban public elementary school children. *Prev Med*. 2017 Oct;103:56-59. doi: 10.1016/j.ypmed.2017.07.032.
- 80) **Racette SB**, Yu L, DuPont NC, Clark BR. BMI-for-age graphs with severe obesity percentile curves: tools for plotting cross-sectional and longitudinal youth BMI data. *BMC Pediatr*. 2017 May 24;17(1):130. doi: 10.1186/s12887-017-0885-x.
- 79) Lin X, **Racette SB**, Ma L, Wallendorf M, Ostlund RE Jr. Ezetimibe Increases Endogenous Cholesterol Excretion in Humans. *Arterioscler Thromb Vasc Biol*. 2017 May;37(5):990-996. doi: 10.1161/ATVBAHA.117.309119.
- 78) Gachupin FC, Joe JR, Steger-May K, **Racette SB**. Severe obesity among American Indian tribal youth in the Southwest. *Public Health*. 2017 Apr;145:4-6. doi: 10.1016/j.puhe.2016.12.022.
- 77) Das SK, Roberts SB, Bhapkar MV, Villareal DT, Fontana L, Martin CK, **Racette SB**, Fuss PJ, Kraus WE, Wong WW, Saltzman E, Pieper CF, Fielding RA, Schwartz AV, Ravussin E, Redman LM; CALERIE-2 Study Group. Body-composition changes in the Comprehensive Assessment of Long-term Effects of Reducing Intake of Energy (CALERIE)-2 study: a 2-y randomized controlled trial of calorie restriction in nonobese humans. *Am J Clin Nutr*. 2017 Apr;105(4):913-927. doi: 10.3945/ajcn.116.137232.
- 76) Hardy DS, Stallings DT, Garvin JT, Gachupin FC, Xu H, **Racette SB**. Anthropometric discriminators of type 2 diabetes among White and Black American adults. *J Diabetes*. 2017 Mar;9(3):296-307. doi: 10.1111/1753-0407.12416.
- 75) Parra DC, Bradford EC, Clark BR, **Racette SB**, Deusinger SS. Population and Community-Based

- Promotion of Physical Activity: A Priority for Physical Therapy. *Phys Ther*. 2017 Feb 1;97(2):159-160. doi: 10.1093/ptj/pzw006.
- 74) Hardy DS, Stallings DT, Garvin JT, Xu H, **Racette SB**. Best anthropometric discriminators of incident type 2 diabetes among White and Black adults: a longitudinal ARIC study. *PLoS One*. 2017 Jan 31;12(1):e0168282. doi: 10.1371/journal.pone.0168282.
- 73) Airhart S, Cade WT, Jiang H, Coggan AR, **Racette SB**, Korenblat K, Spearie CA, Waller S, O'Connor R, Bashir A, Ory DS, Schaffer JE, Novak E, Farmer M, Waggoner AD, Dávila-Román VG, Javidan-Nejad C, Peterson LR. A Diet Rich in Medium-chain Fatty Acids Improves Systolic Function and Alters the Lipidomic Profile in Patients with Type 2 Diabetes: a Pilot Study. *J Clin Endocrinol Metab*. 2016 Feb;101(2):504-12. doi: 10.1210/jc.2015-3292.
- 72) Tabak RG, Sinclair KA, Baumann AA, **Racette SB**, Sebert Kuhlmann A, Johnson-Jennings MD, Brownson RC. A review of diabetes prevention program translations: use of cultural adaptation and implementation research. *Transl Behav Med*. 2015 Dec;5(4):401-14. doi: 10.1007/s13142-015-0341-0.
- 71) Lin X, Ma L, **Racette SB**, Swaney WP, Ostlund RE Jr. Preparation of Intravenous Cholesterol Tracer Using Current Good Manufacturing Practices. *J Lipid Res* 2015;56(12):2393-2398.
- 70) Castillo JC, Clark BR, Butler CE, **Racette SB**. Support for Physical Education as a Core Subject in Urban Elementary Schools. *Am J Prev Med* 2015;49(5):753-756.
- 69) Clark BR, White ML, Royer NK, Burlis TL, DuPont NC, Wallendorf M, **Racette SB**. Obesity and Aerobic Fitness among Urban Public School Students in Elementary, Middle, and High School. *PLoS One* 2015;10(9):e0138175.
- 68) Pontzer H, Raichlen DA, Wood BM, Emery Thompson M, **Racette SB**, Mabulla AZ, Marlowe FW. Energy expenditure and activity among Hadza hunter-gatherers. *Am J Hum Biol* 2015;27(5):628-637.
- 67) Jarvandi S, Schootman M, **Racette SB**. Breakfast intake among adults with type 2 diabetes: influence on daily energy intake. *Public Health Nutr* 2015;18(12):2146-2152.
- 66) **Racette SB**, Lin X, Ma L, Ostlund RE Jr. Natural Dietary Phytosterols. *J AOAC Int* 2015;98(3):679-684.
- 65) Butler CE, Clark BR, Burlis TL, Castillo JC, **Racette SB**. Physical activity for campus employees: a university worksite wellness program. *J Phys Act Health* 2015; 12(4):470-476.
- 64) **Racette SB**, Dill TC, White ML, Uhrich ML, Inman CI, DuPont NC, Clark BR. Influence of physical education on moderate-to-vigorous physical activity of urban public school children in St. Louis, 2011-2014. *Prev Chronic Dis* 2015;12:E31.
- 63) Colon-Ramos U, **Racette SB**, Ganiban J, Nguyen TG, Kocak M, Carroll KN, Vogyi E, Tylavsky FA. Association between dietary patterns during pregnancy and birth size measures in a diverse population in Southern US. *Nutrients* 2015;7(2):1318-1332.
- 62) Lin X, **Racette SB**, Ma L, Wallendorf M, Spearie CA, Ostlund RE. Plasma biomarker of dietary phytosterol intake. *PLoS One* 2015;10(2):e0116912.
- 61) Wong WW, Roberts SB, **Racette SB**, Das SK, Redman LM, Rochon J, Bhapkar MV, Clarke LL, Kraus WE. The doubly labeled water method produces highly reproducible longitudinal results in nutrition studies. *J Nutr* 2014;144(5):777-783.
- 60) Hardy DS, **Racette SB**, Hoelscher DM. Macronutrient intake as a mediator with FTO to increase body mass index. *J Am Coll Nutr* 2014;33(4):256-266.
- 59) **Racette SB**, Inman CL, Clark BR, Royer NK, Steger-May K, Deusinger SS. Exercise and cardiometabolic risk factors in graduate students: a longitudinal, observational study. *J Am Coll Health* 2014;62(1):47-56.
- 58) Redman LM, Kraus WE, Bhapkar M, Das SK, **Racette SB**, Martin CK, Fontana L, Wong WW, Roberts SB, Ravussin E; for the CALERIE Study Group. Energy requirements in nonobese men and women: results from CALERIE. *Am J Clin Nutr* 2014;99(1):71-78.
- 57) Tran I, Clark BR, **Racette SB**. Physical activity during recess outdoors and indoors among urban public

- school students, St. Louis, Missouri, 2010-2011. *Prev Chronic Dis* 2013;10:130135.
- 56) **Racette SB**, Das SK, Bhapkar M, Hadley EC, Roberts SB, Ravussin E, Pieper C, DeLany JP, Kraus WE, Rochon J, Redman L; CALERIE Study Group. Approaches for quantifying energy intake and % calorie restriction during calorie restriction interventions in humans: the multicenter CALERIE study. *Am J Physiol Endocrinol Metab* 2012;302(4):E441-E448.
- 55) Heuett WJ, Miller BV III, **Racette SB**, Holloszy JO, Chow CC, Periwai V. Bayesian functional integral method for inferring continuous data from discrete measurements. *Biophys J* 2012;102(3):399-406.
- 54) Pontzer H, Raichlen DA, Wood BM, Mabulla AZ, **Racette SB**, Marlowe FW. Hunter-gatherer energetics and human obesity. *PLoS One* 2012;7(7):e40503.
- 53) Lin X, **Racette SB**, Lefevre M, Ma L, Spearie CA, Steger-May K, Ostlund RE Jr. Combined effects of ezetimibe and phytosterols on cholesterol metabolism: a randomized, controlled feeding study in humans. *Circulation* 2011;124(5):596-601.
- 52) Pieper C, Redman L, **Racette S**, Roberts S, Bhapkar M, Rochon J, Martin C, Kraus W, Das S, Williamson D, Ravussin, E. Development of adherence metrics for caloric restriction interventions. *Clin Trials* 2011;8(2):155-164.
- 51) Martin CK, Das SK, Lindblad L, **Racette SB**, McCrory MA, Weiss EP, DeLany JP, and Kraus WE; CALERIE Study Team. Effect of calorie restriction on the free-living physical activity levels of non-obese humans: results of three randomized trials. *J Appl Physiol* 2011;110(4):956-963.
- 50) Rochon J, Bales CW, Ravussin E, Redman LM, Holloszy JO, **Racette SB**, Roberts SB, Das SK, Romashkan S, Galan KM, Hadley EC, Kraus WE; CALERIE Study Group. Design and conduct of the CALERIE study: comprehensive assessment of the long-term effects of reducing intake of energy. *J Gerontol A Biol Sci Med Sci* 2011;66(1):97-108.
- 49) Grucza RA, Krueger RF, **Racette SB**, Norberg KE, Hipp PR, Bierut LJ. The emerging link between alcoholism risk and obesity in the United States. *Arch Gen Psychiatry* 2010;67(12):1301-1308.
- 48) Lin X, **Racette SB**, Lefevre M, Spearie CA, Most M, Ma L, Ostlund RE Jr. The effects of phytosterols present in natural food matrices on cholesterol metabolism and LDL-cholesterol: a controlled feeding trial. *Eur J Clin Nutr* 2010;64(12):1481-1487.
- 47) **Racette SB**, Cade WT, Beckman LR. School-based physical activity and fitness promotion. *Phys Ther* 2010;90(9):1214-1218.
- 46) **Racette SB**, Lin X, Lefevre M, Spearie CA, Most MM, Ma L, Ostlund RE Jr. Dose effects of dietary phytosterols on cholesterol metabolism: a controlled feeding study. *Am J Clin Nutr* 2010;91(1):32-38.
- 45) **Racette SB**, Spearie CA, Phillips KM, Lin X, Ma L, Ostlund RE Jr. Phytosterol-deficient and high-phytosterol diets developed for controlled feeding studies. *J Am Diet Assoc* 2009;109(12):2043-2051.
- 44) **Racette SB**, Deusinger SS, Inman CL, Burlis TL, Highstein GR, Buskirk TD, Steger-May K, Peterson LR. Worksite Opportunities for Wellness (WOW): effects on cardiovascular disease risk factors after 1 year. *Prev Med* 2009;49(2-3):108-114.
- 43) Lin X, Ma L, **Racette SB**, Anderson Spearie CL, Ostlund RE Jr. Phytosterol glycosides reduce cholesterol absorption in humans. *Am J Physiol Gastrointest Liver Physiol* 2009;296(4):G931-G935.
- 42) **Racette SB**, Weiss EP, Schechtman KB, Steger-May K, Villareal DT, Obert KA, Holloszy JO. Influence of weekend lifestyle patterns on body weight. *Obesity* 2008;16(8):1826-1830.
- 41) Weiss EP, Villareal DT, **Racette SB**, Steger-May K, Premachandra BN, Klein S, Fontana L. Caloric restriction but not exercise-induced reductions in fat mass decrease plasma triiodothyronine concentrations: a randomized controlled trial. *Rejuvenation Res* 2008;11(3):605-609.
- 40) Riordan MM, Weiss EP, Meyer TE, Ehsani AA, **Racette SB**, Villareal DT, Fontana L, Holloszy JO, Kovács SJ. The effects of caloric restriction- and exercise-induced weight loss on left ventricular diastolic function. *Am J Physiol Heart Circ Physiol* 2008;294(3):H1174-H1182.
- 39) **Racette SB**, Deusinger SS, Strube MJ, Highstein GR, Deusinger RH. Changes in weight and health

- behaviors from freshman through senior year of college. *J Nutr Educ Behav* 2008;40(1):39-42.
- 38) Arif H, **Racette SB**, Villareal DT, Holloszy JO, Weiss EP. Comparison of methods for assessing abdominal adipose tissue from magnetic resonance images. *Obesity* 2007;15(9):2240-2244.
- 37) Fontana L, Villareal DT, Weiss EP, **Racette SB**, Steger-May K, Klein S, Holloszy JO, and the Washington University School of Medicine CALERIE Group. Calorie restriction or exercise: effects on coronary heart disease risk factors. A randomized controlled trial. *Am J Physiol Endocrinol Metab* 2007;293(1):E197-202.
- 36) Evans EM, **Racette SB**, Van Pelt RE, Peterson LR, Villareal DT. Effects of soy protein isolate and moderate exercise on bone turnover and bone mineral density in postmenopausal women. *Menopause* 2007;14(3 Pt 1):481-488.
- 35) Weiss EP, **Racette SB**, Villareal DT, Fontana L, Steger-May K, Schechtman KB, Klein S, Ehsani AA, Holloszy JO; Washington University School of Medicine CALERIE Group. Lower extremity muscle size and strength and aerobic capacity decrease with caloric restriction but not with exercise-induced weight loss. *J Appl Physiol* 2007;102(2):634-640.
- 34) Weiss EP, **Racette SB**, Villareal DT, Fontana L, Steger-May K, Schechtman KB, Klein S, Holloszy JO; Washington University School of Medicine CALERIE Group. Improvements in glucose tolerance and insulin action induced by increasing energy expenditure or decreasing energy intake: a randomized controlled trial. *Am J Clin Nutr* 2006;84(5):1033-1042.
- 33) **Racette SB**, Weiss EP, Villareal DT, Arif H, Steger-May K, Schechtman KB, Fontana L, Klein S, Holloszy JO; Washington University School of Medicine CALERIE Group. One year of caloric restriction in humans: feasibility and effects on body composition and abdominal adipose tissue. *J Gerontol A Biol Sci Med Sci* 2006;61(9):943-950.
- 32) Evans EM, Rowe DA, **Racette SB**, Ross KM, McAuley E. Is the current BMI obesity classification appropriate for black and white postmenopausal women? *Int J Obes* 2006;30(5):837-843.
- 31) Evans EM, **Racette SB**. Menopause and risk for obesity: how important is physical activity? *J Womens Health (Larchmt)*. 2006 Mar;15(2):211-3.
- 30) **Racette SB**, Evans EM, Weiss EP, Hagberg JM, Holloszy JO. Abdominal adiposity is a stronger predictor of insulin resistance than fitness among 50-95 year olds. *Diabetes Care* 2006;29(3):673-678.
- 29) Villareal DT, Fontana L, Weiss EP, **Racette SB**, Steger-May K, Schechtman KB, Klein S, Holloszy JO. Bone mineral density response to caloric restriction-induced weight loss or exercise-induced weight loss: a randomized controlled trial. *Arch Intern Med* 2006;166(22):2502-2510. Erratum in: *Arch Intern Med* 2007;167(5):452.
- 28) **Racette SB**, Weiss EP, Hickner RC, Holloszy JO. Modest weight loss improves insulin action in obese African Americans. *Metabolism* 2005;54(7):960-965.
- 27) **Racette SB**, Deusinger SS, Strube MJ, Highstein GR, Deusinger RH. Weight changes, exercise and dietary patterns during freshman and sophomore years of college. *J Am Coll Health* 2005;53(6):245-251.
- 26) Evans EM, **Racette SB**, Peterson LR, Villareal DT, Greiwe JS, Holloszy JO. Aerobic power and insulin action improve in response to endurance exercise training in healthy 77-87 yr olds. *J Appl Physiol* 2005;98(1):40-45.
- 25) Peterson, LR, Herrero P, Schechtman KB, **Racette SB**, Waggoner AD, Kisrieva-Ware Z, Dence C, Klein S, Marsala J, Meyer T, Groper RJ. Effect of obesity and insulin resistance on myocardial substrate metabolism and efficiency in young women. *Circulation* 2004;109(18):2191-2196.
- 24) **Racette SB**. Creatine supplementation and athletic performance. *J Ortho Sports Phys Ther* 2003;33(10):615-621.
- 23) Ostlund RE Jr, **Racette SB**, Stenson WF. Inhibition of cholesterol absorption by phytosterol-replete wheat germ compared with phytosterol-depleted wheat germ. *Am J Clin Nutr* 2003;77(6):1385-1389.

- 22) Spilburg CA, Goldberg AC, McGill JB, Stenson WF, **Racette SB**, Bateman J, McPherson TB, Ostlund RE Jr. Fat-free foods supplemented with soy stanol-lecithin powder reduce cholesterol absorption and LDL cholesterol. *J Am Diet Assoc* 2003;103(5):577-581.
- 21) **Racette SB**, Deusinger SS, Deusinger RH. Obesity: overview of prevalence, etiology, and treatment. *Phys Ther* 2003;83(3):276-288.
- 20) Ostlund RE Jr, **Racette SB**, Stenson WF. Effects of trace components of dietary fat on cholesterol metabolism: phytosterols, oxysterols, and squalene. *Nutr Rev* 2002;60(11):349-359.
- 19) Ostlund RE Jr, **Racette SB**, Okeke A, Stenson WF. Phytosterols that are naturally present in commercial corn oil significantly reduce cholesterol absorption in humans. *Am J Clin Nutr* 2002;75(6):1000-1004.
- 18) **Racette SB**, Davis AO, McGill JB, Klein S. Thiazolidinediones enhance insulin-mediated suppression of fatty acid flux in type 2 diabetes mellitus. *Metabolism* 2002;51(2):169-174.
- 17) **Racette SB**, Weiss EP, Obert KA, Kohrt WM, Holloszy JO. Modest lifestyle intervention and glucose tolerance in obese African Americans. *Obes Res* 2001;9(6):348-355.
- 16) **Racette SB**, Horowitz JF, Mittendorfer B, Klein S. Racial differences in lipid metabolism in women with abdominal obesity. *Am J Physiol Regul Integr Comp Physiol* 2000;279(3):R944-950.
- 15) Hickner RC, **Racette SB**, Binder EF, Fisher JS, Kohrt WM. Effects of 10 days of endurance exercise training on the suppression of whole body and regional lipolysis by insulin. *J Clin Endocrinol Metab* 2000;85(4):1498-1504.
- 14) Hickner RC, **Racette SB**, Binder EF, Fisher JS, Kohrt WM. Suppression of whole body and regional lipolysis by insulin: effects of obesity and exercise. *J Clin Endocrinol Metab* 1999;84(11):3886-3895.
- 13) Fisher JS, Hickner RC, **Racette SB**, Binder EF, Landt M, Kohrt WM. Leptin response to insulin in humans is related to the lipolytic state of abdominal subcutaneous fat. *J Clin Endocrinol Metab* 1999;84(10):3726-3731.
- 12) Greiwe JS, Hickner RC, Hansen PA, **Racette SB**, Chen MM, Holloszy JO. Effects of endurance exercise training on muscle glycogen accumulation in humans. *J Appl Physiol* 1999;87(1):222-226.
- 11) Arciero PJ, Vukovich MD, Holloszy JO, **Racette SB**, Kohrt WM. Comparison of short-term diet and exercise on insulin action in individuals with abnormal glucose tolerance. *J Appl Physiol* 1999;86(6):1930-1935.
- 10) Hickner RC, Fisher JS, Hansen PA, **Racette SB**, Mier CM, Turner MJ, Holloszy JO. Muscle glycogen accumulation after endurance exercise in trained and untrained individuals. *J Appl Physiol* 1997;83(3):897-903.
- 9) **Racette SB**, Coppack SW, Landt M, Klein S. Leptin production during moderate-intensity aerobic exercise. *J Clin Endocrinol Metab* 1997;82(7):2275-2277.
- 8) **Racette SB**, Kohrt WM, Landt M, Holloszy JO. Response of serum leptin concentrations to 7 d of energy restriction in centrally obese African Americans with impaired or diabetic glucose tolerance. *Am J Clin Nutr* 1997;66(1):33-37.
- 7) Vukovich MD, Arciero PJ, Kohrt WM, **Racette SB**, Hansen PA, Holloszy JO. Changes in insulin action and GLUT-4 with 6 days of inactivity in endurance runners. *J Appl Physiol* 1996;80(1):240-244.
- 6) Kushner RF, **Racette SB**, Neil K, Schoeller DA. Measurement of physical activity among black and white obese women. *Obes Res* 1995;3(Suppl 2):261s-265s.
- 5) **Racette SB**, Schoeller DA, Kushner RF, Neil KM. Exercise enhances dietary compliance during moderate energy restriction in obese women. *Am J Clin Nutr* 1995;62(2):345-349.
- 4) **Racette SB**, Schoeller DA, Kushner RF, Neil KM, Herling-laffaldano K. Effects of aerobic exercise and dietary carbohydrate on energy expenditure and body composition during weight reduction in obese women. *Am J Clin Nutr* 1995;61(3):486-494.
- 3) **Racette SB**, Schoeller DA, Kushner RF. Comparison of heart rate and physical activity recall with doubly labeled water in obese women. *Med Sci Sports Exerc* 1995;27(1):126-133.

- 2) **Racette SB**, Schoeller DA, Luke AH, Shay K, Hnilicka J, Kushner RF. Relative dilution spaces of ²H- and ¹⁸O-labeled water in humans. *Am J Physiol* 1994;267(4 Pt 1):E585-590.
- 1) Schoeller DA, **Racette SB**. A review of field techniques for the assessment of energy expenditure. *J Nutr* 1990;120(Suppl 11):1492-1495.

Book Chapter

Racette SB and Das SK. Caloric Restriction and Biomarkers of Aging. Chapter 1 in: *Intermittent and Periodic Fasting, Aging and Disease*. Editors: Varady K, Manoogian EN, Longo VD. Springer, Cham. 2024. https://doi.org/10.1007/978-3-031-49622-6_1.

Abstracts: Slide & Poster Presentations at National and Local Meetings

*Reverse Chronological Order

111. Geda YE, Krell-Roesch J, Zaniletti I, Chahal G, Smith T, DeCuna CJ, Aliskevich E, Gunning JA, Khan N, Eagan D, Racette SB. Time Restricted Eating in Alzheimer's Disease (TREAD): A Pilot Study. *Arizona Alzheimer's Consortium 25th Annual Scientific Conference*. Tempe, AZ. Sep 2024.
110. Racette S, Garr Barry V, DeGraff J, Gilhooly C, Das SK. A 2-Year Calorie Restriction Intervention Improves Diet Quality Without Compromising Nutritional Adequacy: The CALERIE™ Trial. *American Physiology Summit*, Long Beach, CA. Apr 2024.
109. Corbin C, Tahsin CT, Tahmin CI, Ahmed Z, Waterro R, Modamed A, Racette S, Park J, Fonkoue I. Estradiol Levels are Differentially Associated with Arterial Stiffness in Trauma-Exposed Premenopausal Women with and without PTSD. *American Physiology Summit*, Long Beach, CA. Apr 2024.
108. Yismaw G, Azage M, Krell-Roesch J, Mekonnen A, Mersha T, Enquobahrie D, Racette S, Boes K, Geda YE. The Design and Conduct of a Pilot Project on Mild Cognitive Impairment in Northern Ethiopia. *GRAL Conference*, Phoenix, AZ. Jan 2024.
107. Krell-Roesch J, Syrjanen JA, Krafft J, Barisch-Fritz B, Woll A, Vermuri P, Scharf EL, Fields J, Kremers WK, Lowe VJ, Jack Jr CR, Knopman DS, Petersen RC, Racette SB, Vassilaki M, Geda YE. A longitudinal investigation of physical and cognitive activities and the outcome of trajectories of AD neuroimaging biomarkers: The Mayo Clinic Study of Aging. *Arizona Alzheimer's Consortium 24th Annual Scientific Conference*. Tempe, AZ. Sep 2023.
106. Onugha E, Banerjee A, Vimalajeewa HD, Dave J, Racette SB. Association of Hypertension and Food Insecurity with Dietary Sodium and Potassium in Adults. *Hypertension 2023 Scientific Sessions*, Boston, MA. Sep 2023.
105. Fonkoue IT, Silva M, Safo S, de las Fuentes L, Racette S, Saeed A, Reis S. Sleep Quality Partially Mediates the Association of Depressive Symptoms with Baseline Brachial Artery Diameter in Post-Menopausal Women. *PRIDE (Programs to Increase Diversity Among Individuals Engaged in Health-Related Research) Annual Meeting*. Bethesda, MD. Apr 2023.
104. Krell-Roesch J, Syrjanen JA, Bezold J, Barisch-Fritz B, Kremers WK, Knopman DS, Petersen RC, Woll A, Racette SB, Vassilaki M, Geda YE. Physical activity and incident depression and anxiety in old age. *American Neuropsychiatric Association, 33rd Annual Meeting*, Boston, MA. Mar 2023.
103. Park LK, Deych E, McKenzie KM, Stranczek NA, McKenzie EJ, Haley D, de las Fuentes L, Rich MR, Jonagan J, Carson T, Durbin D, Racette SB, Peterson LR. Effectiveness of Outpatient Intensive Cardiac Rehabilitation (ICR) in Patients with Heart Failure with Reduced Ejection Fraction. *American College of Cardiology, 72nd Annual Scientific Session*, New Orleans, LA. Mar 2023.
102. Park L, McKenzie KM, McKenzie EJ, Stranczek N, Deych E, Talpade N, Das N, Racette SB, Peterson LR. Effectiveness of the Outpatient Pritikin Intensive Cardiac Rehabilitation Program in Patients with Heart Failure. *American Heart Association, Scientific Sessions*. Nov 2021.
101. Lai A, Racette SB, Joynt Maddox K, Park L, Deych E, McKenzie KM, Das N, Talpade N, Rahdi S, Stranczek N, Rich MW, de las Fuentes L, Husaini M, Peterson LR. Intensive Cardiac Rehabilitation: Impact on mortality. *American Heart Association Scientific Sessions*. Nov 2021.
100. Hoddy KK, Singh P, Dorling JL, Beyl RA, Kirwan JP, Huffman K, Racette SB, Das SK, Martin CK. Calorie Restriction Equalizes Glycemic Control between Short and Adequate Sleepers. *American Diabetes*

- Association, 83rd Scientific Sessions. Diabetes 2021;70 (Supplement_1): 303-OR. Jun 2021.
99. McKenzie KM, Park L, Deych E, Racette SB, Lenze EJ, Rich MW, de las Fuentes L, Jonagan J, Rashdi S, Talpade N, Montgomery K, Peterson LR. Impact of the Outpatient Pritikin Intensive Cardiac Rehabilitation on Depression and Cardiac Self-Efficacy. *American College of Cardiology*, 70th Annual Scientific Session, Atlanta, GA. May 2021.
98. Lakhani F, Racette SB, Deych E, Park L, McKenzie K, Durbin D, Jonagan J, Carson T, Talpade N, Rich MW, de las Fuentes L, Peterson LR. Impact of Intensive Cardiac Rehabilitation (ICR) vs. Traditional Cardiac Rehabilitation (CR) on Diet Quality and Cardiovascular Health Measures. *American College of Cardiology*, 70th Annual Scientific Session, Atlanta, GA. May 2021.
97. Soares A, Mansour E, Puritz A, Zhao M, Cao C, Barger P, Foraker RE, Racette SB, Peterson LR. Aerobic Capacity (VO_{2peak}) in Congenital Heart Disease: Prognostic Implications. *American Heart Association Scientific Sessions*. Nov 2020.
96. Mansour EA, Cao C, Puritz A, Zhong Q, Soares A, Peterson LR, Racette SB. Prognostic Value of Peak Oxygen Uptake Trajectories for Mortality Risk in Patients with Heart Failure. *American Heart Association Scientific Sessions*. Nov 2020.
95. Husaini M, Deych E, Racette SB, Rich MW, Joynt Maddox KE, Peterson LR. Intensive Cardiac Rehabilitation and Traditional Cardiac Rehabilitation are Markedly Underutilized: Results from a Medicare Sample Analysis. *American Heart Association Scientific Sessions*. Nov 2020.
94. Dorling JL, Redman L, Ravussin E, Huffman K, Racette SB, Das SK, Kraus WE, Höchsmann C, Martin CK. The Role of Weight Loss in Mediating the Effects of a 2-year Caloric Restriction Regimen on Cardiometabolic Risk Markers in Individuals Without Obesity. *American Heart Association Scientific Sessions*. Nov 2020.
93. Soares A, Mansour E, Puritz A, Zhao M, Cao C, Barger P, Foraker RE, Racette SB, Peterson LR. A Comparison of Aerobic Capacity (VO_{2peak}) in Heart Failure and Congenital Heart Disease. *Heart Failure Society of America Virtual Annual Scientific Meeting*. Sep 2020.
92. Peterson LR, Racette SB, Cade T, Thies D, Schechtman K, Gray DA, Coggan AR. Pharmacokinetics and Tolerability of KNO_3 in Patients With Heart Failure With Reduced Ejection Fraction. *American Heart Association Scientific Sessions*. Nov 2019.
91. Williams D, Mulkareddy V, Montgomery K, Carpenter T, Soares A, Graham C, McKenzie K, Rashdi S, de las Fuentes L, Rich M, Racette S, Peterson L. Effectiveness of the First Outpatient Pritikin Intensive Cardiac Rehabilitation (ICR) Program. *American Heart Association Epi/Lifestyle 2019 Scientific Sessions*, Houston, TX. Mar 2019.
90. Martin C, Bhapkar M, Das S, Racette S, Apolzan J, Fearnbach N, Lynch K, Steward T. In normal weight to mildly overweight adults, calorie restriction for 2 years increases state measures of appetite, which is countered by increased restraint and self-efficacy. *Association for Behavioral and Cognitive Therapies (ABCT) 52nd Annual Convention*, Washington, DC. Nov 2018.
89. Williams D, Mulkareddy V, Das N, Jonagan J, Durbin D, Montgomery K, Carpenter T, Soares A, Graham C, Rashdi S, de las Fuentes L, Rich M, Racette S, Peterson L. Effectiveness of the First Outpatient Pritikin Intensive Cardiac Rehabilitation (ICR) Program. *Washington University School of Medicine Cardiovascular Research Day*, St. Louis, MO. Nov 2018.
88. Mulkareddy V, Racette S, Montgomery K, Carpenter T, Soares A, Williams D, Peterson L. A Study of the Effectiveness of the First-ever Outpatient Intensive Cardiac Rehabilitation (ICR) with the Pritikin Program. *Washington University School of Medicine Mentors in Medicine Symposium*, St. Louis, MO. May 2018.
87. Hardy DS, Mersha T, Xu H, Garvin JT, Stallings DT, Racette SB. Association of the DASH Diet and a Genetic Risk Score with Type 2 Diabetes Risk among African-American and White Adults. *American Diabetes Association 77th scientific sessions*, San Diego, CA. Jun 2017.
86. Kraus WE, McCrory MA, Bhapkar M, Weiss EP, Martin CK, DeLany JP, Roberts SB, Das SK, Racette SB. Free-living Total Energy Expenditure Assessed using Three Accelerometer Models Validated against Doubly-Labelled Water. *American College of Sports Medicine Annual Meeting*, Denver, CO, May-Jun 2017.
85. Lin X, Racette SB, Ma L, Wallendorf M, Ostlund RE. Ezetimibe increases reverse cholesterol transport in humans. *American Heart Association 2016 Scientific Sessions*, New Orleans, LA. Nov 2016.
84. Hardy DS, Mersha T, Xu H, Racette SB. Role Of A Genetic Risk Score With Dietary Intake And Physical Activity In Relation To Metabolic Syndrome. *American Heart Association Epi/Lifestyle 2016 Scientific*

- Sessions*, Phoenix, AZ. Mar 2016.
83. Gachupin FC, Joe JR, Shirali R, Racette SB. American Indian Youth Wellness Initiative. *American Heart Association Epi/Lifestyle 2016 Scientific Sessions*, Phoenix, AZ. Mar 2016.
 82. Racette SB, Uhrich ML, White ML, DuPont NC, Clark BR. Prevalence of obesity and severe obesity among urban public elementary school children in St. Louis, MO: 2008-2015. *The Obesity Society Annual Scientific Meeting*, Los Angeles, CA. Nov 2015.
 81. Racette SB. Collaborative approaches to enhance fitness of urban public school students in St. Louis. *Siteman Cancer Center and Institute for Public Health Prevention & Control Research Program Fall Symposium*, St. Louis, MO. Sep 2015.
 80. Hardy DS, Stallings DT, Garvin JT, Gachupin FC, Xu H, Racette SB. Anthropometric Predictors of Type 2 Diabetes among White and Black Adults. *American Diabetes Association 75th scientific sessions*, Boston, MA. Jun 2015.
 79. Racette SB, Dill TC, White ML, Castillo JC, Uhrich ML, DuPont NC, Clark BR. Moderate-to-Vigorous Physical Activity of Urban Public School Children Assessed with Continuous Heart Rate Monitoring. *Washington University Institute for Public Health 2014 Annual Conference*, St. Louis, MO. Oct 2014. Received "Outstanding Poster Award" and was presented at the National Council Meeting Oct 2014.
 78. Hardy DS, Racette S, Foley M, Xu H, Steffen L. Association between FTO Rs9939609 polymorphism with BMI and physical activity on metabolic syndrome in Whites and African Americans with and without diabetes. *American Diabetes Association 74th scientific sessions*, San Francisco, CA. Jun 2014.
 77. Das SK, Roberts S, Ravussin E, Racette S, Kraus W, Saltzman E, Bhapkar M, Rochon J, Redman L. Body composition changes with calorie restriction: results from the CALERIE trial. *Experimental Biology Meeting. FASEB J.* 28:371.6. Apr 2014.
 76. Racette SB, Uhrich ML, Metzger M, Clark BR. AIM for Fitness: Baseline Results from an Urban Public School District's Physical Education Program Grant. *The Obesity Society Annual Scientific Meeting*, Atlanta, GA. Nov 2013.
 75. Racette SB, Inman CL, Castillo JC, Clark BR. Impact of Recess and Physical Education on Heart Rate in Urban Public School Children. *The Obesity Society Annual Scientific Meeting*, Atlanta, GA. Nov 2013.
 74. Jarvandi S, Racette S, Schootman M. Effect of Macronutrient Composition of Breakfast on Total Daily Intake of Calories among Adults with Type 2 Diabetes. *Washington University Institute for Public Health 2013 Annual Conference*, St. Louis, MO. Oct 2013.
 73. Racette SB, Uhrich ML, Metzger M, Clark BR. AIM for Fitness: Baseline Results from an Urban Public School District's Physical Education Program Grant. *Washington University Institute for Public Health 2013 Annual Conference*, St. Louis, MO. Oct 2013.
 72. Airhart S, Anderson-Spearie C, Jiang H, Cade T, Racette S, Novak E, Farmer M, Coggan A, Ory D, Schaffer JE, O'Connor R, Bashir A, Waggoner AD, Dávila-Román VD, Peterson LR. A diet rich in medium-chain fatty acids (MCFA) decreases plasma ceramides, sphingomyelins, and acylcarnitines and preserves cardiac function compared with a Western diet in type 2 diabetes (T2DM). *Society for Heart and Vascular Metabolism (SHVM) Eleventh Annual Scientific Sessions*. Cambridge, MD. Sep-Oct 2013.
 71. Jarvandi S, Racette S, Schootman M. Effect of Macronutrient Composition of Breakfast on Total Daily Intake of Calories among Adults with Type 2 Diabetes. *Society for the Study of Ingestive Behavior (SSIB) 21st Annual Meeting*. New Orleans, LA. Jul-Aug 2013.
 70. Castillo J, Clark BR, Burlis T, Racette S. Evaluation of in-school physical activity and cardiovascular disease risk factors in urban children. *Missouri Physical Therapy Association (MPTA) Spring 2013 Meeting*, St. Louis, MO. Apr 2013.
 69. Butler C, Clark BR, Burlis T, Racette S. Impact of a Worksite Wellness Program on Physical Activity and Cardiovascular Disease Risk Factors. *Missouri Physical Therapy Association (MPTA) Spring 2013 Meeting*, St. Louis, MO. Apr 2013.
 68. Deusinger SS, Racette SB. Teaching the Obligation of Health Promotion and Prevention: Novel Classroom and Community Activities. *Washington University School of Medicine Education Day*, St. Louis, MO. Apr 2013
 67. Castillo J, Clark BR, Burlis T, Racette S. Evaluation of in-school physical activity and cardiovascular disease risk factors in urban children. *American Physical Therapy Association (APTA) Combined Sections Meeting*, San Diego, CA. Jan 2013.
 66. Butler C, Clark BR, Burlis T, Racette S. Impact of a Worksite Wellness Program on Physical Activity and Cardiovascular Disease Risk Factors. *American Physical Therapy Association (APTA) Combined Sections*

- Meeting, San Diego, CA. Jan 2013.
65. Racette SB, Clark BR, Tran IT, Kim MJ. Physical Activity of Urban Elementary School Children During Recess in 3 Locations. *Washington University Institute for Public Health, 5th Annual Conference*, St. Louis, MO. Oct 2012.
 64. Redman L, Das SK, Bhapkar M, Racette SB, Fontana L, Kraus WE, Wong WW, Roberts S, Ravussin E. Equations For Estimating Energy Requirements in Normal Weight and Overweight Men and Women. *The Obesity Society Annual Scientific Meeting*, San Antonio, TX. Sep 2012.
 63. Tran IT, Clark BR, Kim MJ, Racette SB. Physical Activity During Indoor and Outdoor Recess in School Children. *The Obesity Society Annual Scientific Meeting*, San Antonio, TX. Sep 2012.
 62. Deusinger SS, Racette SB. Teaching the Obligation of Health Promotion and Prevention: Novel Classroom and Community Activities. *American Physical Therapy Association (APTA) 2012 Conference & Exposition*, Jun 2012.
 61. Butler CE, Clark BR, Racette SB. Physical Activity for Campus Employees (PACE): A pilot study of the impact of a worksite wellness program on physical activity and cardiovascular disease risk factors. *National Predoctoral Clinical Research Training Program - Annual Meeting*. Mayo Clinic, Rochester, MN. May 2012.
 60. Castillo JC, Clark BR, Racette SB. Evaluation of In-school Physical Activity and CVD Risk Factors in Urban Children. *National Predoctoral Clinical Research Training Program - Annual Meeting*. Mayo Clinic, Rochester, MN. May 2012.
 59. Tran IT, Clark RB, Kim MJ, Racette SB. Recess physical activity in children: indoor versus outdoor recess and a multi-component intervention. *National Predoctoral Clinical Research Training Program Annual Meeting*, Washington University School of Medicine, St. Louis, MO. May 2011.
 58. Atkins M, Bagchi D, Racette S, Clark R. Nourishing an Urban Community: Gardening and Nutrition at The Learning Tree Intergenerational Center. *Gephardt Institute for Public Service, Faces of Hope Conference*, Washington University, St. Louis, MO; Apr 2011.
 57. Racette SB, Clark BR, White ML, Royer NK. Nourishing an Urban Community: Assessing Health Risk Among Public School Students. *Obesity Society Annual Scientific Meeting. Obesity 18 (Suppl 2): S222, 2010.*
 56. Ostlund RE, Lin X, Racette SB, Ma L, Fitzgerald R, Anderson Spearie C, Moreau R. Biological Activity of Phytosterol Glycosides. *American Oil Chemists' Society (AOCS) Annual Meeting*, Phoenix, AZ. May 2010.
 55. Clark R, Koster DN, Royer N, Weimer B, Williams A, Castillo J, Racette SB. Nourishing an Urban Community. *Gephardt Institute for Public Service, Faces of Hope Conference*, Washington University, St. Louis, MO. Apr 2010.
 54. Racette SB, Lin X, Lefevre M, Anderson Spearie C, Ma L, Ostlund RE. Dietary Plant Sterols and Cholesterol Metabolism: A Controlled Feeding Study. *Obesity Society Annual Meeting. Obesity 17 (Suppl 2): S259, 2009.*
 53. Racette SB, Deusinger SS, Chandler LP, Stack J, Crane JP. Worksite Health Promotion: Assessing Risk and Raising Awareness Through Mini Health Fairs. *Obesity Society Annual Meeting. Obesity 17 (Suppl 2): S144, 2009.*
 52. Glade A, Racette S, Huelsing J. Assessing changes in anthropometrics and other physical fitness measures in response to a four-week residential weight loss camp. *Missouri Physical Therapy Association Meeting*, 2008.
 51. Racette S, Lin X, Ma L, Spearie C, Lefevre M, Ostlund R. Dietary Phytosterols in Low Dose Increase Cholesterol Excretion and Reduce LDL Cholesterol. *Atherosclerosis Supplements, 9(1): 255, 2008.*
 50. Racette S, Deusinger S, Inman C, Burlis T, Highstein G, White N, Buskirk T. Worksite Opportunities for Wellness (WOW): Effects on Cardiovascular Disease Risk Factors During a 2-Year Period. *NAASO Obesity Society Meeting. Obesity 15 (Suppl): A223, 2007.*
 49. Racette S, Deusinger S, Inman C, Burlis T, Highstein G, Steger-May K. Worksite Opportunities for Wellness (WOW): Improvements in Dietary and Physical Activity Patterns During 1 Year of Intervention. *NAASO Obesity Society Meeting. Obesity 15(Suppl): A164, 2007.*
 48. Racette SB. Worksite Opportunities for Wellness (WOW): Sustained improvements in disease risk factors after 2 years. *Worklife 2007 National Symposium: Protecting and Promoting Worker Health*. Bethesda, MD; Sep 2007.
 47. Racette SB, Weiss EP, Villareal DT, Holloszy JO. Insulin-Resistant and Insulin-Deficient Phenotypes in Adults Aged 48-94 Years with Abnormal Glucose Tolerance. *American Diabetes Association 67th*

- scientific sessions, Abstract #1315-P, Chicago, Jun 2007.
46. Bales CW, McCrory M, Zheng J, Champagne C, Gilhooly C, Hannah J, Racette S, Martin C, Obert K, Das S, DeLany J, Mandel S, Rochon J, Roberts S, Schechtman K. Quality of self-selected diets of non-obese participants in a randomized controlled trial of caloric restriction (CR): the CALERIE study. *Experimental Biology Meeting. FASEB J.* 21:350.5, 2007.
 45. Racette SB, Phillips KM, Ma L, Ostlund RE. Phytosterol quantification in DASH and other popular diets. *Experimental Biology Meeting. FASEB J.* 21:542.8, 2007.
 44. Racette SB, Weiss EP, Schechtman KB, Steger-May K, Holloszy JO. Influence of weekend lifestyle patterns on body weight. *Experimental Biology Meeting. FASEB J.* 21:111.5, 2007.
 43. Fahnestock P, Racette S, Wong W, Haupt D, Schweiger JA, Westerhaus E, Stevens A, Flavin KS, Yingling M, Newcomer JW. Feasibility of quantifying activity energy expenditure and caloric intake by doubly-labeled water in treated patients with schizophrenia. *American College of Neuropsychopharmacology Conference.* Hollywood, FL; Dec 2006.
 42. Weiss EP, Racette SB, Villareal DT, Fontana L, Steger-May K, Schechtman KB, Klein S, Ehsani AA, Holloszy JO. Effects of Exercise- or Caloric Restriction-Induced Weight Loss on Muscle Size and VO₂max. *ACSM Conference on Integrative Physiology of Exercise.* Indianapolis, IN; Sep 2006.
 41. Racette SB, Deusinger SS, Inman CI, Burlis, T, Highstein GR. Worksite Opportunities for Wellness (WOW): Improvements in BMI and Cardiovascular Disease Risk Factors After 1 Year. *NAASO Obesity Society Meeting. Obes Res*,14 (Suppl), 2006.
 40. Racette SB, Deusinger SS, Inman CI, Highstein GR, Thompson PA. Worksite Opportunities for Wellness (WOW): a Promising Approach for Improving BMI and Fitness Among Employees. *American College of Sports Medicine Meeting. Med Sci Sports Exerc* 38(5) Suppl: S120, 2006.
 39. Racette, SB; Deusinger, SS; Inman, CL; Burlis, T; Highstein, GR; Thompson, PA. Worksite Opportunities for Wellness (WOW): a novel worksite program to promote physical activity. *International Congress on Physical Activity and Public Health, Atlanta; 2006.*
 38. Evans EM, Villareal DT, Racette SB, Holloszy JO. Soy Protein Isolate and Moderate Exercise Independently and Additively Impact Bone Turnover but not Bone Mineral Density in Postmenopausal Women. *6th International Symposium on the Role of Soy in Preventing and Treating Chronic Disease, Chicago; 2005.*
 37. Racette S, Deusinger S, Killion K. Assessing and targeting health risks among healthcare employees: A model program. *NAASO Obesity Society Meeting. Obes Res*,13 (Suppl): A208, 2005.
 36. Racette S, Deusinger S, Strube M, Highstein G, Deusinger R. Changes in weight and health behaviors from freshman to senior year of college. *NAASO Obesity Society Meeting. Obes Res*,13 (Suppl): A122, 2005.
 35. Kraus WE, Moon A, McCrory M, Racette S, Heilbronn L, Dutta C, CALERIE Physical Activity Committee. An accelerometer analysis and modeling program written for excel that permits assessment of missing data and comparison with 7-day PAR and doubly labeled water. Presented at the scientific meeting: "Objective Monitoring of Physical Activity: Closing gaps in the science of accelerometry." {Sponsored by Get Kids in Action, a partnership between the University of North Carolina at Chapel Hill and The Gatorade Company} Dec 2004.
 34. Evans EM, Van Pelt RE, Racette SB, Villareal DT, Holloszy JO. Soy protein enhances body composition in postmenopausal women. *Experimental Biology Meeting, FASEB J*, 18, #583.7, 2004.
 33. Deusinger SS, Racette SB, Strube MJ, Highstein GR, Deusinger RH. Influence of Exercise and Dietary Patterns on Weight Gain Throughout College. *Longer Life Foundation Advisory Board Meeting.* Nov 2003.
 32. Evans EM, Ross KM, Racette SB. BMI standards in midlife and older postmenopausal women. *10th Measurement and Evaluation Symposium: Measurement Issues and Challenges in Aging Research, Champaign-Urbana, IL, 2003.*
 31. Deusinger S, Kalisiak B, Rosoff J, Racette S, Strube M. Weight-based discrimination in health professions students. *NAASO Obesity Society Meeting. Obes Res* 11 (Suppl): A127, 2003.
 30. Racette S, Johnston BD, Obert K, Evans E, Peterson L. Is weight gain inevitable during perimeopause? *NAASO Obesity Society Meeting. Obes Res* 11 (Suppl): A99, 2003.
 29. Racette SB, Evans EM, Villareal DT, Holloszy JO. Fitness and abdominal fat predict insulin action in old adults. *American College of Sports Medicine Meeting, Med Sci Sports Exerc* 35(5) Suppl: S68, 2003.
 28. Peterson LR, Waggoner AD, Herrero P, Racette S, Meyer R, de las Fuentes L, Klein S, Davila-Roman VG,

- Gropler RJ. Glucose intolerance and obesity alter myocardial metabolism in young women. *J Am Coll Cardiol* 41(6) Suppl: 428A, 2003.
27. Peterson LR, Waggoner AD, Herrero P, Racette S, Marsala J, Meyer T, Klein S, Davila-Roman VG, Gropler RJ. Increasing body mass index is associated with decreased myocardial efficiency in young women. *J Am Coll Cardiol*,41(6) Suppl: 156A, 2003.
 26. Deusinger SS, Racette SB, Strube MJ, Highstein GR, Deusinger RH. Weight gain and health habits during freshmen and sophomore years of college. *Physical Therapy*, 2003.
 25. Deusinger SS, Racette SB, Highstein GR, Strube MJ, Deusinger RH. BMI and Exercise Habits of College Freshmen and Sophomores. Longer Life Foundation of the Longer Life Center, Washington University School of Medicine, Division of Health Behavior Research, 2002.
 24. Racette SB, Evans EM, Greiwe JS, Holloszy JO. Endurance exercise training improves insulin action in 78+ year-old men and women. American College of Sports Medicine Meeting, *Med Sci Sports Exerc* 33(5) Suppl: S290, 2001.
 23. Deusinger SS, Racette SB, Strube MJ, Highstein GR, Deusinger RH, Henry J, Traughber M. Changes in weight and exercise habits in college freshmen. NAASO Obesity Society Meeting. *Obes Res* 8 (Suppl 1):110S, 2000.
 22. Racette SB, Johnston BD, Obert KA, Peterson LR. Weight Control in Peri- and Early Postmenopausal Women. *NIH Office of Research on Women's Health, 10th Anniversary; Celebrating a Decade of Progress: Embracing Challenges for the 21st Century*: page 41, 2000.
 21. Racette SB, Davis AO, McGill JB, Klein S. Troglitazone enhances insulin-mediated suppression of fatty acid flux in type 2 diabetes mellitus. American Diabetes Association Meeting, *Diabetes* 49 (Suppl 1): A301, 2000.
 20. Racette SB, Weiss EP, Obert KA, Kohrt WM, Holloszy JO. Modest lifestyle intervention improves insulin action and glucose tolerance in obese African Americans. American College of Sports Medicine Meeting, *Med Sci Sports Exerc* 31(5) Suppl: S69, 1999.
 19. Greiwe JS, Hickner RC, Hansen PA, Racette SB, Chen MM, Holloszy JO. Effects of endurance exercise training on muscle glycogen accumulation in humans. American College of Sports Medicine Meeting, *Med Sci Sports Exerc* 31(5) Suppl: S54, 1999.
 18. Hickner RC, Racette SB, Binder EF, Fisher JS, Kohrt WM. Effects of exercise training on the suppression of whole-body and regional lipolysis by insulin. American College of Sports Medicine Meeting, *Med Sci Sports Exerc* 31(5) Suppl: S53, 1999.
 17. Fisher JS, Hickner RC, Racette SB, Binder EF, Kohrt WM. Leptin response to insulin in humans is related to the lipolytic state of abdominal subcutaneous fat. Experimental Biology Meeting, *FASEB J* 13(4) Suppl: A370, 1999.
 16. Racette SB, Weiss EP, Obert KA, Kohrt WM. Intensive vs. conventional weight loss program in African Americans with IGT or type 2 DM. American Diabetes Association Meeting, *Diabetes* 47 (Suppl 1): A312, 1998.
 15. Hickner RC, Racette SB, Binder EF, Fisher JS, Kohrt WM. Whole-body and regional suppression of lipolysis by insulin: effect of training status and obesity in women. American College of Sports Medicine Meeting, *Med Sci Sports Exerc* 30(5) Suppl: S211, 1998.
 14. Racette SB, Weiss EP, Obert KA, Hickner RC, Kohrt WM, Holloszy JO. Prevention of NIDDM in centrally obese African Americans. American Diabetes Association Meeting, *Diabetes* 46 (Suppl 1): 372A, 1997.
 13. Hickner RC, Fisher JS, Hansen PA, Racette SB, Mier CM, Turner MJ, Holloszy JO. Muscle glycogen accumulation in trained and untrained individuals. Experimental Biology Meeting, *FASEB J* 11(3): A214, 1997.
 12. Hickner RC, Racette SB, Binder E, Klein S, Kohrt W. The effect of 10 days of endurance training on the antilipolytic response to insulin in non-obese women. American Diabetes Association Meeting, *Diabetes* 45 (Suppl 2): 324A, 1996.
 11. Weiss EP, Racette SB, Kohrt WM. Hydrostatic weighing with head above water in obese African Americans: a validation study. American College of Sports Medicine Meeting, *Med Sci Sports Exerc* 28(5) Suppl: S195, 1996.
 10. Schoeller DA, Luke A, Stetson B, Racette S, Cooper R, Kushner R. Reduced precision of self-reported energy intake in a minority population. Experimental Biology Meeting, *FASEB J* 10(3): A561, 1996.
 9. Holloszy JO, Racette SB, Jackson P. Prevention of NIDDM in centrally obese African Americans. *NIDDK Meeting: Diabetes Research in Minority Populations*, NIH, Bethesda, MD, 1995.

Susan B. Racette, Ph.D. – Curriculum Vitae

8. Schoeller DA, Kushner R, Racette S, Shay K-J. Midwesterners do not defend body weight. *FASEB Summer Research Conference on Obesity*, 1995.
7. Arciero P, Vukovich M, Kohrt W, Racette S, Holloszy J. Effects of 10 days of exercise on insulin action in obese men and women with mild NIDDM. American College of Sports Medicine Meeting, *Med Sci Sports Exerc* 27(5) Suppl: S130, 1995.
6. Schoeller D, Racette S, Neil K, Kushner R. Aerobic exercise during weight loss: effect on energy expenditure and energy intake. *NIH Conference on Obesity & Physical Activity*, 1994.
5. Racette S, Schoeller D, Kushner R. Aerobic exercise: an important component of obesity treatment. *Obes Res*, 1993.
4. Racette S, Schoeller D, Kushner R. TDEE measurements in obese women: comparison of heart rate monitoring and physical activity recall questionnaires with doubly labeled water. Experimental Biology Meeting, *FASEB J* 7(4): A649, 1993.
3. Schoeller D, Racette S, Neil K, Kushner R. Underestimation of energy intake among women during dietary restriction. NAASO Obesity Society Meeting, *Obes Res*, 1992.
2. Racette S, Schoeller D, Kushner R, Marcis L. Effect of carbohydrate and aerobic exercise during weight reduction. Experimental Biology Meeting, *FASEB J* 6(5): A1648, 1992.
1. Racette S, Schoeller D, Luke A, Hnilicka J, Kushner R. Effect of adiposity on relative dilution spaces of ²H and ¹⁸O labeled water in humans. Experimental Biology Meeting, *FASEB J* 5(4): A555, 1991.

Teaching (Course Director or Lecturer)

PhD Course – Arizona State University

- EXW 701 - Advanced Research Methods (Scientific Grant Writing): Course Director 2023 - present

MS in Clinical Exercise Physiology – Arizona State University

- EXW 560 - Cardiopulmonary Rehabilitation: Course Director 2023 - present

Doctor of Physical Therapy (DPT) – Washington University School of Medicine

- Exercise Physiology: Course Director 2009-2021, Lecturer 2003-2021
- Cells Systems and Disease II: Lecturer 1995-2022
- Health, Fitness and Prevention: Lecturer 1995-2022
- Human Anatomy and Physiology Lab: Lecturer 1995-2003
- Issues in Diagnosis of General Medical Conditions: Lecturer 1995-2003

PhD in Movement Science – Washington University School of Medicine

- Program Seminar: Lecturer 2006-2022
- Bioenergetics: Course Director 2003

Bachelor of Science – Washington University in St. Louis

- Human Physiology: Lecturer 1995-2002

University College – Washington University in St. Louis

- Biology of Aging: Lecturer 2010-2021

Doctor of Medicine (MD) – Washington University School of Medicine

- Cell Biology and Physiology: Lecturer 2018-2019
- Practice of Medicine II: Lecturer 2003

Other Programs at Washington University

- Physical Medicine and Rehabilitation Residency Program: Lecturer 2009-2017
- MPH Program - Brown School of Social Work: Lecturer 2011
- Rehabilitation & Participation Science PhD Program: Lecturer 2021