

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

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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
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Phoenix, AZ 85004
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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
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, Member
- 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
- 2010 - 2022 PRIDE Summer Institute in Cardiovascular Genetic Epidemiology, WUSM Leadership Committee Member
- 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

- 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
- 2011 U.S. Army Research Institute of Environmental Medicine: Military Nutrition Division.

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	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

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- 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

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- 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
8	NIH / NIDDK	T32 DK137525	Whisner CM Liu L	Interdisciplinary Systems-based Training for Precision Nutrition	9/1/2023 – 8/31/2028	Mentor
7	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
6	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
5	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
4	NIH / NHLBI	R34 HL158947	Brooks JL	Mind Your Heart Intervention for American Indian Women	7/1/2021 – 6/30/2024	Co-I
3	NIH / NIA	R33 AG070455	Huffman KM	Enhancing the CALERIE Network to Advance Aging Biology	2/15/2021 – 1/31/2026	Co-I & Site PI
2	NIH / NIA	R01 AG060499	Forman DE	Modified Application of Cardiac Rehabilitation for Older Adults (MACRO)	8/1/2018 – 5/31/2024	Co-I
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						
Funding Agency		PI	Title	Dates	Role	
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	
2	ASU College of Health Solutions	Racette SB	Promoting Cardiovascular Health Among American Indian Youth	6/1/2023 – 5/31/2024	PI	
1	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	

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GRANTS – Completed – Governmental						
Funding Agency	Grant #	PI	Title	Project Dates	Role	
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

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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
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

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Trainees / Mentees

Postdoctoral Scholars			Key: C-STAR = Clinical Scientist Training & Research MiM = Mentors in Medicine WUSM = Washington University School of Medicine, St. Louis, MO		
#	Name	Years	Program	Institution	Mentor Role
11	Jordan Gunning, PhD	2024-present	Exercise & Nutritional Sciences	Arizona State University	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			Key: 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		
#	Name	Years	Program	Institution	Mentor Role
8	Madeline Converse, MS	2024-present	Exercise & Nutritional Sciences	Arizona State University	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	Washington University in St. Louis	Dissertation Committee
4	Tiffany C. Dill, MPH	2012-2013	OTD	WUSM	Research Apprenticeship 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

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Master's Students			Key: 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		
#	Name	Years	Program	Institution	Mentor Role
14	Jaden Jones	2024-present	MS - Nutrition	Arizona State University	MS Thesis Co-Advisor
13	Mario I. Hernandez	2023-2024	MS - Clinical Exercise Physiology	Arizona State University	MS Thesis C-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			Key: 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		
#	Name	Years	Program	Institution	Mentor Role
9	Megan Cooksey	2024-present	BS - Psychology	Arizona State University	Honors Thesis Advisor
8	Rachel Bournias	2024-present	BS - Kinesiology	Arizona State University	Honors Thesis Advisor
7	Candice DeCuna	2023-present	BS - Biological Sciences	Arizona State University	Honors Thesis Advisor
6	Zocelyne Kow	2023-present	BS – Biological Sciences (Biomedical Sciences)	Arizona State University	Honors Thesis Advisor
5	Kelsey Dykema	2023-2024	BS - Nutritional Science	Arizona State University	Research Mentor
4	Carine Wahba	2023	BS - Medical Studies	Arizona State University	Research Mentor
3	Dhaky Mullangi	2023	BA - Business (Law) & BS - Biochemistry	Arizona State University	Research Mentor
2	Jasmyn DeGraff	2022-present	BS - Dietetics	Arizona State University	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*)

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i10-index: 109

Citations: 13083 (all); 5110 (since 2019)

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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.
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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 ^{18}O 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