

Sherrie Khadanga
CURRICULUM VITAE

Position: Assistant Professor of Medicine
Department of Medicine, Division of Cardiology

Address: 111 Colchester Ave, McClure 1
Department of Medicine, Division of Cardiology
Larner College of Medicine
University of Vermont
Burlington, VT 05405
Voice: (802) 847-6317
Email: sherrie.khadanga@uvmnhealth.org

EDUCATION

Year	Institution	Degree	Area of Degree
2016-2019	University of Vermont Medical Center	Fellow	Cardiovascular Disease
2013-2016	University of Vermont Medical Center	Residency	Internal Medicine
2009-2013	University of South Alabama College of Medicine	M.D.	Medicine
2005-2009	Brown University	Sc.B, A.B.	Human Biology (honors), History

LICENSES, CERTIFICATION

Year	Institution
2018	Medical Licensure, Vermont
2016	American Board of Internal Medicine, Certified

FACULTY POSITIONS HELD

Year	Institution	Academic Title	Department
2019-	University of Vermont Medical Center	Assistant Professor	Internal Medicine

OTHER POSITIONS AND MAJOR ADMINISTRATIVE POSITIONS HELD

Year	Location/Program	Role
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2019-	University of Vermont Medical Center Cardiac Rehabilitation Program	Assistant Medical Director
2018-2020	University of Vermont Cardiovascular Research Institute Early Career Advisory Committee	Chair
2018-2019	American Heart Associations Fellows in Training	Blog contributor
2017-2019	American College of Cardiology	Fellows in Training, Northern New England Chaper Respresentative
2017-2018	University of Vermont Cardiovascular Research Institute Advisory Early Career Committee	Vice Chair

HONORS AND AWARDS

Year	Name of Award/Recognition
2015	American College of Physicians Vermont Chapter Research Abstract Winner
2014, 2016	Arnold P. Gold Humanism & Excellence in Teaching Award Nominee
2016-	University of Vermont Teaching Academy Protégé
2016	University of Vermont Harriet P. Dustan M.D. Resident Research Award
2018-2020	University of Vermont Cardiovascular Research Institute Travel Award
2019	Big Sky Teaching Tomorrow's Teachers (3T)
2019	University of Vermont Division of Cardiac Rehabilitation Award
2019	American Association of Cardiovascular and Pulmonary Rehabilitation Beginning Investigator Award
2020	American College of Cardiology Leadership Academy
2020	University of Vermont Cardiovascular Research Institute Early Career Grant Recipient
2020	University of Vermont Cardiovascular Research Institute Bloomfield Early Career Professorship in Cardiovascular Research, Award Finalist

KEYWORDS/AREAS OF INTEREST

Cardiac rehabilitation, secondary prevention, women's cardiovascular health, structural imaging, heart failure with reduced ejection fraction

SUMMARY OF ACCOMPLISHMENTS

- Excellence in research as demonstrated by the American Association of Cardiovascular and Pulmonary Rehabilitation Beginning Investigator Award (2019) and University of Vermont Department of Medicine Resident Research Award (2016)
- Emerging leader as evidenced by my selection to the American College of Cardiology Leadership Academy and chair of the Early Career Advisory committee at the

University of Vermont Cardiovascular Research Institute

- Recognition for teaching as seen by my acceptance into The Teaching Academy at the University of Vermont (Protégé)

PROFESSIONAL SERVICE

DEPARTMENTAL SERVICE

Years	Department	Committee	Role
2017-2019	Department of Medicine	Graduate Medical Education Resident/Fellow Program Representatives	member
2019--	Department of Medicine	Cardiovascular Fellowship Selection Committee	member

COLLEGE SERVICES

Years	Service Committee	Role
2017-2018	Early Career Advisory Committee, Cardiovascular Research Institute	Vice-Chair
2018-2020	Early Career Advisory Committee, Cardiovascular Research Institute	Chair

SOCIETY MEMBERSHIPS

2008-present	Sigma Xi Scientific Research Society
2009-2016	American College of Physicians
2016-2019	American Society of Nuclear Cardiology
2016-present	American College of Cardiology
2017-present	American Association of Cardiovascular and Pulmonary Rehabilitation
2017-present	American Heart Association

SERVICE TO PROFESSIONAL ORGANIZATIONS

Year	Organization	Role
2016 -2019	American College of Cardiology, Northern New England Chapter	Fellow in training representative
2018-2019	American Heart Association Fellows in Training/Early Career Section	Blog contributor
2018-present	American Association of Cardiovascular and Pulmonary Rehabilitation Research Committee	Member
2020-present	American College of Cardiology Leadership Academy Cohort	Member

SERVICE TO PROFESSIONAL PUBLICATIONS

2017-present Coronary Artery Disease
 2017-present Journal of Cardiopulmonary Rehabilitation and Prevention
 2019-present Journal of American College of Cardiology

TEACHINGFORMAL SCHEDULED CLASSES

Year	Course Title	Course R/E	Hours	Number of Learners	Learner Level
2016-2019	Valvular Heart Disease	R	5	15	Graduate
2016-2020	Point of Care Ultrasound	E	5	12	Graduate
2019-2020	Teaching in Medicine	E	4	10	Graduate

R-required, E-elective; hours-approx per semester (instruction per Teaching Academy)

CURRICULUM DEVELOPMENT

- I work with the Cardiovascular Fellowship Program director to develop a formal curriculum focused on Women's Cardiovascular health. Additionally, I help update the curriculum regarding Preventative Cardiology.

POSTGRADUATE AND OTHER COURSES

Year	Course Title	Course R/E	Hours	Number of Learners	Learner Level
2019	Valvular Heart Disease-Case based	R	2	20	Residents (PGY 2,3)
2020	Women and Heart Disease	R	1	20	Residents (PGY 2,3)
2019-2020	Stable Angina	R	1.5	20	Residents (PGY 2,3)
2020	Structural imaging	R	1	10	Fellows (PGY 4-6)

PREDOCTORAL STUDENTS SUPERVISED OR MENTORED None

DISSERTATION/THESIS COMMITTEE MEMBERSHIP None

POSTDOCTORAL FELLOWS AND RESIDENTS DIRECTLY SUPERVISED OR MENTORED

INFORMAL TEACHING

- Moderate Journal Club for Cardiac Rehabilitation staff
- Informal didactic lectures when on in-patient cardiology service (Twice a year)
- Help facilitate orientation for patients starting cardiac rehab (bi-monthly)

FACULTY MENTORED

OTHER VISITING FACULTY SUPERVISEDTEACHING AIDS

- I have authored a chapter titled “Cardiac Testing” in Guidelines for Cardiac Rehabilitation and Secondary Prevention Programs, 6th Edition; this is a manual of reference for health care providers involved in cardiac rehab programs.

TEACHING AWARDS AND NOMINATIONS

- 2014, 2016 Arnold P. Gold Humanism & Excellence in Teaching Award Nominee
- 2019, Big Sky Teaching Tomorrow’s Teachers (3T)

RESEARCH AND SCHOLARLY ACTIVITIES

RESEARCH AWARDS AND GRANTS**Ongoing Research Support**

- P20GM103644- VCBH Pilot Study Grant; awarded \$50,000
Role: PI
Mentor: Philip Ades, MD
Title: Predictors of Recovery from a Cardiac Event
- Faculty Resources
Role: PI
Mentor: Philip Ades, MD
Title: Women in Cardiac Rehabilitation: Optimizing the Training Response

Completed Research Support**Pending****Selected Unfunded Grant Submissions**SCHOLARSHIP**Peer Reviewed Publications**Original Research

1. Khadanga S, Savage PD, Ades PA. Insulin Resistance and Diabetes Mellitus in Contemporary Cardiac Rehabilitation. *J Cardiopulm Rehabil Prev.* 2016;36(5):331-338. PMID: 27182762.
2. Khadanga S, Lakoski SG, Hart V, Sprague BL, Ba Y, Hampton JM, Higgins ST, Ades PA, Newcomb PA, Trentham-Dietz A. Partnership Status and Socioeconomic Factors in Relation to Health Behavior Changes after a Diagnosis of Ductal Carcinoma In Situ. *Cancer Epidemiol Biomarkers Prev.* 2016 Jan;25(1):76-82. Epub 2015 Nov 6 PMID: 26545402.
3. Khadanga S, Massey CV. Incidence of Vitamin D Insufficiency in Coastal South-Eastern US Patient Population with Cardiovascular Disease. *J Clin Med Res.* 2014;6(6):469-75. PMID: 25247022.
4. Rengo J, Khadanga S, Savage PD, Ades PA. The Gender Effect: Improvements in Aerobic Capacity with Cardiac Rehabilitation Exercise Training. *J Cardiopulm Rehabil Prev* Accepted

5. Gaalema DE, Bolivar HA, Khadanga S, Priest JS, Higgins ST, Ades PA. Current Smoking as a Marker of a High Risk Behavioral Profile after Myocardial Infarction. *Preventative Medicine* Accepted

In Review

1. Khadanga S, Savage PD, Gaalema D, Ades PA. Predictors of Cardiac Rehabilitation Participation: A Contemporary Analysis. *J Cardiopulm Rehabil Prev*

Review Articles

1. Khadanga S, Savage PD, Ades PA. Resistance Training for Older Adults in Cardiac Rehabilitation. *Clin Geriatr Med*. 2019 Nov;35(4):459-468. doi: 10.1016/j.cger.2019.07.005. Epub 2019 Jul 3.
2. Khadanga S. Cardiac Shock Wave Therapy for Refractory Angina: Angiogenesis, Placebo Effects and Randomized Control Trials. *Coron Artery Dis*. 2018 Nov;29(7):587-588
3. Khadanga S, Ades PA. What Do We Tell Patients with Coronary Artery Disease about Marijuana Use? *Coronary Artery Disease*. 2018 Jan;29(1):1-3 PMID: 28984637

Books and Chapters

1. Khadanga S. Cardiac Testing. Guidelines for Cardiac Rehabilitation and Secondary Prevention Programs, 6th Edition. 2020

Case Reports

1. Khadanga S, Solomon B, Dittus K. Hemophagocytic lymphohistiocytosis (HLH) associated with t-cell lymphomas: broadening our differential for fever of unknown origin. *North Am J Med Sci* 2014;6(9):484-486. PMID: 25317396.
2. Khadanga S, Raza S. Lyme Carditis and Complete Heart Block: An Unusual Case of a Young Student. *J Med Cases*. 2014;5(8):435-436. <http://dx.doi.org/10.14740/jmc1841w>

Other Scholarly Publications

Abstracts

1. Infeld M, Khadanga S, Thompson N, Vanburen P. Case Series of Congenital Left Ventricular Aneurysm Presenting with Ventricular Arrhythmias. Heart Rhythm. 2019;16(5):S568-S569
2. Khadanga S, Silverman D, Plante T et al. Urban Rural Disparities Amongst Heart Failure Patients with Reduced Ejection Fraction. *Circulation* March 2020: Volume 141, Supp 1
3. Infeld M, Left Atrial Hemodynamic Changes Following Radiofrequency Ablation for Atrial Fibrillation. *JACC*. 2020: 75(11):S336

INVITED PRESENTATIONS

Regional/National

Oral Presentations

1. Khadanga S, Savage PA, Ades PA. Optimizing the Exercise Training Response in Women. *American Association of Cardiovascular and Pulmonary Rehabilitation Annual Meeting* September 21-24, 2019.

2. Khadanga S, Savage PA, Gaalema D, Ades PA. Patient Characteristics Predictive of Cardiac Rehabilitation Participation. *American Association of Cardiovascular and Pulmonary Rehabilitation Annual Meeting* September 21-24, 2019.
3. Khadanga S. A Clinical Case on Diet and Exercise. Big Sky Cardiovascular Update: Practical Applications in Clinical Cardiology. Feb 18-22, 2019.
4. Khadanga S, Correa de Sa D, Keating F. Interesting Clinical Cases. *Northern New England ACC Annual Meeting*, Oct 20, 2018.
5. Khadanga S, Hopkins W, Terrien E, Carey K. Management of Cardiogenic Shock due to Acute Muscle Rupture with Percutaneous Left Ventricular Assist Device. *Northern New England ACC Annual Meeting*, Nov 5, 2016.
6. Khadanga S, Dunbar E, Sobel H. Quality Improvement Research: What is the Impact of a Community Health Team on Diabetes Management in a Resident Clinic? *Society of General Medicine New England Regional Meeting*, Mar 11, 2016.
7. Khadanga S. Systemic Scleroderma: Renal, Cardiac and Pulmonary Manifestations. *ACP Vermont chapter meeting*, Oct 17, 2014.

Poster Presentations

Scientific Abstracts

1. Khadanga S, Silverman D, Plante T, Cubberly C, Steiner J. Urban Rural Disparities Amongst Heart Failure Patients with Reduced Ejection Fraction. *AHA Epi Lifestyle Annual Meeting*, March 2-6, 2020.
2. Khadanga S, Savage PA, Gaalema D, Ades PA. Predictors for Cardiac Rehabilitation Participation. *American Heart Association Annual Meeting*, Nov 22-25, 2019.
3. Khadanga S, Kikut J, Silveira P, Reaves S, Keating FK. Controlled Technique For Rb82 Injected Activity Reduction Planning Using List Mode Data Truncation On Digital Pet. *American Society of Nuclear Cardiology National Meeting*, Sept 5-9, 2018.
4. Rengo JL, Savage PD, Khadanga S, Ades PA. Improvements in Aerobic Capacity in Women with Cardiac Rehab Exercise Training. *AACVPR National Meeting*, Oct 4-7, 2017.
5. Khadanga S, Silverman D, Dauerman H, Keating F. Thrombolytic therapy for TAVR thrombus Resultant Severe Valve Gradient Causing Heart Failure. *Northern New England ACC Annual Meeting*, Nov 12, 2017
6. Khadanga S, Kikut J, Reynolds S, Keating FK. Ratio of Myocardial Uptake to Blood Pool Activity in Dual-Time-Point 18F-FDG PET for the Diagnosis of Cardiac Sarcoidosis. *American Society of Nuclear Cardiology National Meeting*, Sept 15-18, 2017.
7. Savage PD, Khadanga S, Ades PA. Insulin Resistance and Diabetes Mellitus in Cardiac Rehabilitation. *AACVPR National Meeting*, Sept 9-12, 2015.

Clinical Abstracts:

1. Dunbar E, Khadanga S, Sobel H. Quality Improvement Research: What is the Impact of a Community Health Team on Diabetes Management in a Resident Clinic? *ACP National Meeting*, May 2016: *ACP Vermont chapter meeting*, Nov 5, 2015.
2. Khadanga S, Solomon B, Rehman H, Balla A, Lunde J. Hemophagocytic Lymphohistiocytosis: A Rebellion from the Body's Immune System. A. *Northern New England Clinical Oncology Society meeting*. Oct 23, 2015.
3. Khadanga S. Oozing all over: A Unique Case of Acquired Hemophilia A. *ACP National Meeting*, Apr 30-May 2, 2015.

4. Khadanga S, Monterosso J, Unger P. A case of acquired hemophilia A. *Northern New England Clinical Oncology Society meeting*. Oct 24, 2014.
5. Burgess L, Khadanga S. Transient ischemic heart attack as an initial presentation of adenocarcinoma of the lung. *ACP Vermont chapter meeting*, Oct 17, 2014.
6. Khadanga S. The Implications of Toxic Epidermal Necrolysis. *ACP Vermont/New Hampshire joint chapter meeting*, Oct 25, 2013.
7. Khadanga S, Menson K. An unusual case of bleeding: A case of Acquired Hemophilia A. *ACP Vermont/New Hampshire joint chapter meeting*, Oct 25, 2013.
8. Solomon B, Khadanga S, Arling T, Dittus, K., Ji Y, Lamba G.. Two Case Series of Hemophagocytic lymphohistiocytosis (HLH) associated with t-cell lymphomas. *ACP Vermont/New Hampshire joint chapter meeting*, Oct 25, 2013.

INVITED DIDACTIC PRESENTATIONS

National

1. Khadanga S, Cushman M, Carney J. Keeping your Heart and Brain Healthy During COVID-19. American Heart Association Webinar. April 21, 2020.
2. Khadanga S, Savage P. Rapid Fire Presentation: Atrial Fibrillation and Exercise. *AACVPR National Meeting* Sept 17-20, 2019.
3. Khadanga S, Galeem D, Pack Q. Marijuana, Cigars, E-cigarettes and Alcohol. *AACVPR National Meeting* Sept 17-20, 2019.
4. Khadanga S. Women and Cardiovascular disease. *AACVPR National Meeting* Sept 12-15, 2018