

## Curriculum Vitae

### Sherrie Khadanga, M.D.

Assistant Professor of Medicine (tenure track)

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#### A. Education & Training

Sc.B. in Human Biology (with Honors) and A.B. in History	Brown University	2005 - 2009
M.D.	University of South Alabama	2009 - 2013
Residency, Internal Medicine	University of Vermont	2013 - 2016
Fellowship, Cardiology	University of Vermont	2016 - 2019
Board Certified in Internal Medicine		2016

#### B. Positions and Honors

##### Positions and Employment

2019-	Assistant Director of Cardiac Rehabilitation, University of Vermont Medical Center
2019-	Assistant Professor (Tenure Pathway): Department of Medicine, University of Vermont Larner College of Medicine

##### Professional Memberships

2008-	Sigma Xi Scientific Research Society
2009-2016	American College of Physicians
2016-	American College of Cardiology
2017-	American College of Nuclear Cardiology
2017-	American Association of Cardiovascular and Pulmonary Rehabilitation
2018	American Heart Association

##### Professional Certificates

2016	Diplomate, American Board of Internal Medicine
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##### Honors, Awards and Recognitions

2009	Honors Research Thesis in Human Biology: <i>The impact of turmeric consumption on Alzheimer's disease in urban and rural India: A field research study</i>
2014, 2016	Arnold P. Gold Humanism & Excellence in Teaching Award Nominee, University of Vermont (UVM) College of Medicine
2015-2016	American College of Physicians (ACP) Young Achiever
2015	Winner, Research Abstract Competition at VT chapter ACP meeting. <i>What is the Impact of a Community Health Team on Diabetes Management in a Resident Clinic?</i>
2016	Harriet P. Dustan M.D. Research Award, University of Vermont Larner College of Medicine
2016	Protégé, The Teaching Academy, University of Vermont Larner College of Medicine

2016-2017	Winner, Best Case Presentation at Northern New England American College of Cardiology. <i>Management of Cardiogenic Shock due to Acute Muscle Rupture with Percutaneous Left Ventricular Assist Device</i> (2016); <i>Thrombolytic therapy for TAVR thrombus Resultant Severe Valve Gradient Causing Heart Failure</i> (2017)
2017-2018	Vice Chair of Early Career Advisory Committee, Cardiovascular Research Institute, University of Vermont
2017,2018	UVM Cardiovascular Research Institute Travel Award Recipient
2017-2018	American College of Cardiology Fellows in Training Representative for Northern New England
2018-2020	Chair of Early Career Advisory Committee, Cardiovascular Research Institute, University of Vermont
2018-2019	American Heart Association Fellows in Training Blog Contributor
2019	American College of Cardiology Big Sky Teaching Tomorrow's Teachers (3T) Award Recipient
2019	Cardiac Rehabilitation Award, University of Vermont Medical Center Division of Cardiology
2019	American Association of Cardiovascular and Pulmonary Rehabilitation Beginning Investigator Award for project titled <i>Optimizing the Exercise Training Response in Women</i>
2020	American College of Cardiology Leadership Academy Program
2020	UVM Cardiovascular Research Institute Early Career Grant Award Recipient

Journal Reviewer:

2017-	<i>Coronary Artery Disease</i>
2018-	<i>Journal of Cardiopulmonary Rehabilitation and Prevention</i>
2018-	<i>Journal of American College of Cardiology</i>

C. Contributions to Science

Secondary Prevention and Cardiac Rehabilitation

The publications highlighted below represent recognition of my work/expertise:

1. **Khadanga S**, Savage P, Pecha A, Rengo J, Ades PA. Optimizing Training Response for Women in Cardiac Rehabilitation: A Randomized Clinical Trial [published online ahead of print, 2021 Nov 24]. *JAMA Cardiol.* 2021;e214822.PMID: 34817540.
2. **Khadanga S**, Gaalema D, Ades PA. Under-utilization of Cardiac Rehabilitation in Women: Barriers and Solutions. *J Cardiopulm Rehabil Prev.* 2021;1:41(4):207-213.
3. Gaalema DE, Savage PD, O'Neill S, et al. The Association of Patient Educational Attainment With Cardiac Rehabilitation Adherence and Health Outcomes. *J Cardiopulm Rehabil Prev.* 2021;10.1097
4. **Khadanga S**, Savage PD, Gaalema D, Ades PA. Predictors of Cardiac Rehabilitation Participation: Opportunities to Increase Enrollment. *J Cardiopulm Rehabil Prev.* 2021;41(5):322-327. PMID:33512979
5. Gaalema DE, Savage PD, O'Neill S, Bolivar Hypatia, Denkmann D, Priest J, **Khadanga S**, Ades PA. The Association of Patient Educational Attainment With Cardiac Rehabilitation Adherence and Health Outcomes. *J Cardiopulm Rehabil Prev.* 2021;10.1097. PMID: 34840247
6. Khadanga S. Chapter 4: Medical Evaluation and Exercise Testing for Outpatient CR. In: Guidelines for Cardiac Rehabilitation Programs. 6<sup>th</sup> Ed. Human Kinetics, Champagne IL pg 33-47,2021.
7. Rengo J, Khadanga S, Savage PD, Ades PA. Response to Exercise Training

- During Cardiac Rehabilitation Differs by Sex. *J Cardiopulm Rehabil Prev.* 2020 Sep;40(5):319-324. PMID: 32796493
8. Khadanga S, Savage PD, Ades PA. Resistance Training for Older Adults in Cardiac Rehabilitation. *Clin Geriatr Med.* 2019 Nov;35(4):459-468. PMID: 31543178
  9. Khadanga S. Cardiac Shock Wave Therapy for Refractory Angina: Angiogenesis, Placebo effects and Randomized Trial Designs. *Coron Artery Dis.* 2018 Nov;29(7):587-588. PMID: 30277924
  10. 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
  11. 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.

#### Health Behavior change

Another area of interest has been identifying psychosocial and behavioral factors in cardiac patients which can affect their health

1. Gaalema D, Yant B, Khadanga S, Savage P, Rengo J, Ades PA. Implementing Carbon Monoxide Monitoring to Objectively Measure Smoking Status in Cardiac Rehabilitation. Under Review at Health Psychology
2. Middleton WA, Savage PD, **Khadanga S**, Rengo JL, Ades PA, Gaalema DE. Benchmarking Depressive Symptoms in Cardiac Rehabilitation [published online ahead of print, 2021 Nov 24]. *J Cardiopulm Rehabil Prev.* 2021;10.1097
3. 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. *Prev Med.* 2020 Nov;140:106245. PMID: 32910931
4. 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
5. 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

Complete list of publications in “My Bibliography”:

<https://pubmed.ncbi.nlm.nih.gov/?term=Khadanga+Sherrie>

#### INVITED PRESENTATIONS

Regional/National

##### Oral Presentations

- Khadanga S, Cushman M, Carney J. Keeping your Heart and Brain Healthy During COVID-19. American Heart Association Webinar. April 21, 2020
- Khadanga S. Current State of Spontaneous Coronary Artery Dissection (SCAD) Research and Practice in Cardiac Rehabilitation. *AACPVR National Meeting Workshop.* Sept 30, 2020.
- Khadanga S, Savage P. Rapid Fire Presentation: Atrial Fibrillation and Exercise. *AACVPR National Meeting* Sept 17-20, 2019.

- Khadanga S, Galeem D, Pack Q. Marijuana, Cigars, E-cigarettes and Alcohol. *AACVPR National Meeting* Sept 17-20, 2019
- 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.
- 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.
- Khadanga S. A Clinical Case on Diet and Exercise. Big Sky Cardiovascular Update: Practical Applications in Clinical Cardiology. Feb 18-22, 2019.
- Khadanga S, Correa de Sa D, Keating F. Interesting Clinical Cases. *Northern New England ACC Annual Meeting*, Oct 20, 2018.
- Khadanga S. Women and Cardiovascular disease. *AACVPR National Meeting* Sept 12-15, 2018.
- 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.
- 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.
- Khadanga S. Systemic Scleroderma: Renal, Cardiac and Pulmonary Manifestations. *ACP Vermont chapter meeting*, Oct 17, 2014.

## Poster Presentations

### *Scientific Abstracts*

- 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.
- Khadanga S, Savage PA, Gaalema D, Ades PA. Predictors for Cardiac Rehabilitation Participation. *American Heart Association Annual Meeting*, Nov 22-25, 2019.
- 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.
- 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.
- 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
- 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.
- Savage PD, Khadanga S, Ades PA. Insulin Resistance and Diabetes Mellitus in Cardiac Rehabilitation. *AACVPR National Meeting*, Sept 9-12, 2015.

*Clinical Abstracts:*

- 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.*
- 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.*
- Khadanga S. Oozing all over: A Unique Case of Acquired Hemophilia A. *ACP National Meeting, Apr 30-May 2, 2015.*
- Khadanga S, Monterosso J, Unger P. A case of acquired hemophilia A. *Northern New England Clinical Oncology Society meeting. Oct 24, 2014.*
- Burgess L, Khadanga S. Transient ischemic heart attack as an initial presentation of adenocarcinoma of the lung. *ACP Vermont chapter meeting, Oct 17, 2014.*
- Khadanga S. The Implications of Toxic Epidermal Necrolysis. *ACP Vermont/New Hampshire joint chapter meeting, Oct 25, 2013.*
- Khadanga S, Menon K. An unusual case of bleeding: A case of Acquired Hemophilia A. *ACP Vermont/New Hampshire joint chapter meeting, Oct 25, 2013.*
- 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.*