

Curriculum vitae

Date Prepared: September 13, 2019

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Place of Birth: New Jersey, USA

Education

Year	Degree (Honors)	Field of Study (Thesis advisor for PhDs)	Institution
1994-1998	B.S.E. with Distinction	Biomedical & Electrical Engineering	Duke University
1998-2002	M.D.	Medicine	University of Pennsylvania School of Medicine
2010-2013	M.S.C.S.	Clinical Science	University of Texas Southwestern
2014	Certificate	Clinical Safety and Effectiveness	University of Texas Southwestern
2015	Certificate	Leadership Emerging in Academic Medicine (LEAD) program	University of Texas Southwestern
2017	Certificate	EPIC Physician Builder	EPIC Corporation
2019	Certificate	Chief Wellness Officer Course	Stanford University

Postdoctoral Training

Year(s)	Titles	Specialty/Discipline (Lab PI for postdoc research)	Institution
2002-2005	Intern and Resident in Internal Medicine	ABIM Certified 2005	University of Pennsylvania, Philadelphia, PA
2005-2008	Cardiology Fellow (Board-eligible 2008)	General Cardiology ABMI Certified 2010	University of Texas Southwestern, Dallas, TX
2008-2009	Advanced Cardiac Imaging Fellow	Cardiac MRI- level 2; Echocardiography level 3; NBE Diplomat 2015	University of Texas Southwestern, Dallas, TX

Current Licensure and Certification

Licensure

Texas Medical License

Honors and Awards

Year	Name of Honor/Award	Awarding Organization
1996-1998	Undergraduate Research Fellowship	National Science Foundation/Engineering Research Center
1998	Graduated Magna Cum Laude and with distinction in biomedical engineering	Duke University
1994-2002	Recipient of the merit-based partial academic scholarship for undergraduate and graduate studies	TEAGLE Foundation
2002	Alpha Omega Alpha	University of Pennsylvania
2007	AHA Women in Cardiology Trainee Award for Excellence	AHA
2011-2013	Award in Cardiovascular Imaging Technologies and Targeted Imaging Agents	ACCF/GE Healthcare Career Development
2012	Northwestern Cardiovascular Young Investigators' Forum	Finalist in the competition in the early career professor clinical sciences category
2012	Jeremiah Stamler, MD Distinguished Young Investigator Research Award	Overall winner of the Northwestern Cardiovascular Young Investigators' Forum as best research presented at the conference for all categories (basic science and clinical science)
2012-2013	Super Doctors® Texas Rising Stars	Super Doctors®
2013	2013 Women's Career and Leadership Development Conference for Women Cardiologists and Cardiothoracic Surgeons travel scholarship award winner	Received a travel award to attend the Women's Career and Leadership Development Conference after submitting a competitive application for reasons to be accepted for the conference.
2013	Teaching Value and Choosing Wisely Competition Semi-finalist	One of fourteen (out of 74 submissions) projects selected as a semi-finalist for the Teaching Value and Choose Wisely Competition.
2015	LEAD Program Participant	Selected for the 2015 Leadership Emerging in Academic Departments (LEAD) program at UT Southwestern
2016	American College of Cardiology	Selected from a competitive selection process to participate in American College of Cardiology (ACC) <i>Teaching Skills Workshop for Emerging Faculty Course</i>
2017	UT System	Selected as a protégée representative for the Developing Future Women Leaders in the UT System Workshop
2018	Texas Monthly Super Doctor®	Super Doctors®

Faculty Academic Appointments

Year(s)	Academic Title	Department	Academic Institution
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2019-present	Assistant Dean of Faculty Wellness	Faculty Affairs	University of Texas Southwestern
2017-present	Associate Professor	Internal Medicine/Cardiology	University of Texas Southwestern
2009-2017	Assistant Professor	Internal Medicine/Cardiology	University of Texas Southwestern

Appointments at Hospitals/Affiliated Institutions

<u>Past</u>			
Year(s)	Position Title	Department/Division	Institution
2002-2005	Intern & Resident	Internal Medicine	University of PA Health System
2005-2009	Cardiology Fellow	Internal Medicine/Cardiology	University of Texas Southwestern
<u>Current</u>			
Year(s)	Position Title	Department/Division	Institution
2014-present	Director	Echocardiography Laboratories Clements University Hospital and Clinical Heart Center	University of Texas Southwestern
9/2016-5/2019	Director	Echocardiography Laboratories Parkland Memorial Hospital and Health System	Parkland Memorial Hospital and Health System

Professional Societies

Dates	Society Name, member
2005-present	American College of Cardiology, member
2009-present	Society of Cardiovascular Magnetic Resonance, member
2005-present	American Heart Association, member
	Committees
2012-present	Cardiosmart “Ask the Experts” expert contributor
	Fellowships
2013	Fellow of the American College of Cardiology (FACC)
2014-2016	Cardiosmart expert contributor twitter feeds
2014-present	American Society of Echocardiography (ASE) , inducted as a Fellow of the ASE 2015
2016-present	Cardiosmart Team Lead Coronary Heart Disease Content Team
2019- present	American Society of Echocardiography Awards Selection Committee Member
2020- present	American Medical Association

Editorial Activities

Year(s)	Journal Name
<u>Editor/Associate Editor</u>	
2016-2019	CME Co-Editor for Circulation
2017-present	Guest Associate Editor Circulation
<u>Editorial Board</u>	
None	
<u>Ad Hoc Reviewer</u>	
2009	American Heart Journal
2009-present	Journal of Investigative Medicine
2011	Journal of the American College of Cardiology Cardiovascular Imaging

2012	European Respiratory Journal
2012	Nature Cardiology Reviews
2013	JAMA Internal Medicine
2013-present	International Journal of Cardiovascular Imaging
2013-present	Circulation
2015-present	Journal of the American College of Cardiology
2018	Echocardiography

Grant Support

<u>Past</u>	
2014-2015	<i>Grantor: American Heart Association</i>
	<i>14SFRN20740000 (PI: Berry)</i>
	<i>Role:Co-PI on Project 3: “Association between physical activity and modifiable intermediate heart failure phenotypes”; UT Southwestern Strategically Focused Prevention Research Center</i>
	<i>Funding: 5%</i>
2010-2013	NIH UL1TR000451 from UT STAR to support Masters work in Clinical Science
2011-2013	An integrated assessment of right-sided cardiovascular performance in left-sided chronic heart failure
	<i>PI (mentored by Mark Drazner, MD, MSc)</i>
	<i>\$65,000 per year</i>
	<i>\$130,000 total over 2 years</i>
2013	<i>Grantor: Scientific Therapeutics Information, Inc.</i>
	<i>Jeremiah Stamler, MD Distinguished Young Investigator Research Award</i>
	<i>\$10,000 one time research grant</i>
2012-2014	<i>Grantor: OB/GYN Department</i>
	Prospective MRI evaluation of cardiac function in pregnancy
	<i>PI: Gary Cunningham</i>
	<i>\$10, 547.55 (5% protected time)</i>

Teaching Activities

Year(s)	Activity
<u>Medical and graduate school didactic and small group teaching</u>	
2010	Gave 1 hour lecture on valvular regurgitation to cardiology fellows
2013	Gave 1 hour lecture to OB/GYN MFM fellows on cardiac imaging and pregnancy
<u>Medical student rotations</u>	
2011-2020	Cardiology Consults at UT Southwestern Medical Center
<u>Postgraduate medical education (graduate & continuing medical education)</u>	
2009-2012	Gave 1 hour lectures on Pulmonary Hypertension, Myocardial Diseases, and cardiac MRI viability and ischemia testing
2011	Quality Assurance Meeting: Gave 1 hour presentation on Appropriate Use Criteria and Clinical Impact in Transthoracic Echocardiography at the Noninvasive Imaging Meeting
2012	Cardiology Clinical Conference: Cutting the Fat: Cardiology and the Bariatric Surgery Patient
2013	Cardiology Clinical Conference: I’m Talking to the Man in the Mirror: The Unsustainable Growth of Echocardiography in the United States

1/31/2013	1 hour CME Multimodality: Ischemia and Viability noninvasive lecture
2/14/2013	1 hour CME Right sided Valve Lesion noninvasive lecture
3/7/2013	1 hour CME Multimodality: Pulmonary Hypertension noninvasive lecture
4/4/2013	1 hour CME Multimodality: Myocardial Disease & HOCM
4/2013	1 hour CME at the International Society of Magnetic Resonance Medicine international meeting: Meet the Experts: Clinical Evaluation of RV Structure and Function by MRI
11/2013	Poster Professor at the American Heart Association Scientific Sessions 2013
2/13/2014	1 hour CME Right sided Valve Lesion noninvasive lecture
4/10/2014	Internal Medicine Grand Rounds: A Test with Risk but with Variable Benefit: The Story of the Unsustainable Growth of Echocardiography
10/2014	Quality Assurance meeting for IAC at our noninvasive lecture
10/22/2014	Cardiology Clinical Conference: The Role of Transesophageal Echocardiography in the Detection of Thrombus in Patients with Atrial Fibrillation
1/2015	Quality Assurance meeting for IAC at our noninvasive lecture
3/4/2015	Quality Assurance meeting for IAC at our noninvasive lecture
4/30/2015	Quality Assurance meeting for IAC at our noninvasive lecture
9/3/2015	Quality Assurance meeting for IAC at our noninvasive lecture
11/12/2015	Quality Assurance meeting for IAC at our noninvasive lecture
2/4/2016	Quality Assurance meeting for IAC at our noninvasive lecture
2/11/2016	Cardiology Grand Rounds at the University of Pennsylvania: Quality in Cardiovascular Imaging
3/29/2016	North Texas Ultrasound Society: Echocardiography and High Value Care
9/1/2016	Quality Assurance meeting for IAC at our noninvasive lecture
1/2017	Quality Assurance meeting for IAC at our noninvasive lecture
5/2017	Quality Assurance meeting for IAC at our noninvasive lecture
9/2017	CME lecture on TEE basics
9/2017	Quality Assurance meeting for IAC at our noninvasive lecture
9/20/2017	Cardiothoracic surgery lecture on basics of echocardiography
11/2017	Moderator at AHA Scientific Sessions on Innovations in Cardiovascular Imaging
3/2018	Panelist for educational session on valve team approach to care at ACC Scientific Sessions
2018	Research mentor/sponsor for Kershaw Patel's ACGME Back to Bedside Award
6/2019	Cardiology Clinical Conference: Fulfilling the Quadruple Aim: Physician Wellness and You
7/30/2019	General surgery retreat: Physician Wellness and UT Southwestern
9/7/2019	Cardiothoracic Surgery: wellness and UT Southwestern
10/2019	Psychiatry and Psychology Retreat: Office of Faculty Wellness Goals and Mission
10/13/2019	Pediatric fellow retreat: Fellow to Faculty Wellness
10/16-10/17/2019	UTSW Wellness Symposium lecturer and organizer
1/6/2020	Physician Burnout & Wellness in Pediatrics CME course: Personal and Organizational Resilience
2/6/2020	Rheumatology Grand Rounds: Fulfilling the Quadruple Aim: Physician Wellness and You

Service to the Community

Year(s)	Role	Organization or institution
2009-2017	I developed goals and objectives as well as training and orientation documents for fellows on the cardiac MRI rotation	UTSW

2009-present	I present 3-4 CME presentations annually for our non-invasive imaging conference	UTSW
2010-2011	Research mentor for 2 consecutive summers to R 25 NHLBI-focused Research for Minority Students participants	UTSW
2009-2015	Director of the Dallas Heart Study MRI Core Lab; aiding in QC of DHS MRI data	UTSW
2011-present	Member of writing group for developing standardized echocardiography protocols for the PMH and UTSW Echo Lab	UTSW
Summer, 2011	Member of the Clinical Safety and Effectiveness Program Team in improving resource utilization in the UTSW echo laboratory	UTSW
6/2011-6/2012	Mentor to two fellows on clinical impact of echocardiography	UTSW
Summer, 2012	Mentor for summer intern analyzing Dallas Heart Study cardiac MRI data	UTSW
Summer, 2013	Mentor for 3 summer interns analyzing Dallas Heart Study cardiac MRI data	UTSW
Summer, 2014	Mentor for research tech and 2 summer interns analyzing Dallas Heart Study cardiac MRI data	UTSW
6/2014-2016	Mentor for medical student performing left and right atrial analysis in Muscular Dystrophy patients	UTSW
2012-present	Mentor to 2 fellows on pulmonary hypertension associated research projects involving right heart cath and cardiac MRI data	UTSW
Spring, 2013	Presented a talk on Childhood Obesity and Interventions to the Coppell Independent School District	UTSW
Summer, 2014	Mentored internal medicine intern on project about the right atrium in congestive heart failure	UTSW
2010-present	Faculty Interviewer for Cardiology Fellowship Program	UTSW
2013- present	Faculty Interviewer for Internal Medicine Program	UTSW
2014- 2017	Institutional Review Board 1 Member	UTSW
2013-2015	Physician Champion and Lead for the Get Moving! Community Health Walks that occur monthly in Coppell, TX	UTSW
2014-2016	Internal Medicine Representative for the Committee to Design the Women's Pavillion at UTSW	UTSW
2015	Quality Improvement Working Group for the Clinical Heart Center Physician Representative	UTSW
2015	Toxic Inbox Working Group to optimize EPIC outpatient utilization and messaging	UTSW
2015	Internal Medicine Working Group on Caring Wisely: promoting high value care ideals and implementation	UTSW
2015-2016	Mentor and supervisor for Matthew Dickson, MD, PhD and imaging fellow	UTSW
2015-2016	Developed weekly echo journal review for echo faculty, sonographers, and fellows with key weekly teaching points and review of guidelines	UTSW
2016-2017	Mentor and supervisor for Anish Bhatt, MD, 3 rd year fellow with clinical interest in noninvasive imaging	UTSW

2016- present	Cardiology faculty advisor to Ambarish Pandey and Amanda Tong	UTSW
2016-2017	Committee member for evaluation of nursing triage system in Clinical Heart Center	UTSW
2016-2018	Physician champion for e-consultation cardiology and hematology pilot in the multi-speciality clinic and General Internal Medicine clinics	UTSW
2016-2019	Development of handheld ultrasound pilot programs at Parkland Hospital and Health System on the Consult service and in the outpatient clinic	UTSW
2017-present	Pilot quality improvement study of handheld cardiac ultrasound evaluation of ejection fraction in cancer patients at point of care in Parkland oncology clinic	PHHS
2017-present	Physician Champion for Change Healthcare CPACS development and reporting implementation through McKesson for Parkland noninvasive lab	PHHS
2017-present	Physician Champion for development of infrastructure for CUPID reporting of echocardiograms within EPIC for UT Southwestern	UTSW
2017-2018	Patient Care Website – Faculty Advisory Committee Meeting	UTSW
2017-2018	Research mentor Samreen Raza, MD 3 rd year cardiology Advanced Imaging Fellow	UTSW
2017 –present	Cardiology Executive Committee Member	UTSW
2017-present	Clinical Educator Incentive Program Advisory Committee Member	UTSW
2018-present	Faculty Senator	UTSW
2018	Southwest Resources Credentialing reviewer	UTSW
2018-present	Strategic Imaging Planning Task Force	UTSW
2019-present	Internal Medicine Innovation Tank Planning Committee Co-Chair	UTSW
2019	UT Southwestern administrative representative to Physician Burnout Working Group for UT System	UTSW
2019	EMR Optimization group member	UTSW
2019	Office of Faculty Wellness EMR Optimization Physician Group co-chair	UTSW
2019	Office of Faculty Wellness Faculty Wellness Champions Group chair	UTSW
2019	Clinical Strategic Planning Initiative Committee Member	UTSW
2019	UT System Working Group on Physician Burnout administrative UTSW representative	UTSW
2019	Chartis Strategic Planning Differentiated Experience Subcommittee member	UTSW

Bibliography

Peer-Reviewed Publications

Original Research Articles

1.	Abdullah SM, Barkley KW, Bhella PS, Hastings JL, Matulevicius S , Fujimoto N, Shibata S, Carrick-Ranson G, Palmer MD, Gandhi N, DeFina LF. Lifelong physical activity regardless of dose is not associated with myocardial fibrosis. <i>Circulation: Cardiovascular Imaging</i> . 2016 Nov 1;9(11):e005511.
2.	Alame AJ, Garg S, Kozlitina J, Ayers, C, Peshock, RM, Matulevicius, SA , Drazner, MH. Association of African Ancestry With Electrocardiographic Voltage and Concentric Left Ventricular Hypertrophy: The Dallas Heart Study. <i>JAMA Cardiol</i> . 2018;3(12):1167–1173.
3.	Blalock SE, Matulevicius S , Mitchell LC, Reimold S, Warner J, Peshock R, Torres F, Chin KM . Long-term Outcomes with Ambrisentan Monotherapy in Pulmonary Arterial Hypertension. <i>Journal of Cardiac Failure</i> , 2010; 16(2):121-7.
4.	Darsaklis K, Dickson ME, Cornwell III W, Ayers CR, Torres F, Chin KM, Matulevicius S . Right atrial emptying fraction non-invasively predicts mortality in pulmonary hypertension. <i>The international journal of cardiovascular imaging</i> . 2016 Apr 13:1-0.
5.	de Lemos JA, Oliver W, Matthews G, Ayers CR, Garg S, Gupta S, Neeland IJ, Drazner MH, Berry JD, Matulevicius S . Response by de Lemos et al to Letter Regarding Article “Factors Associated With Left Atrial Remodeling in the General Population”. <i>Circulation: Cardiovascular Imaging</i> . 2017 Jun 1;10(6):e006627.
6.	Chandra, A, Chen, T, Tang, Z, Matulevicius, SA , Das, SR, Agrawal, D. Bleeding Risk in Patients with Cirrhosis Undergoing Transesophageal Echocardiography: 6-Year Experience from Parkland Health and Hospital System. <i>JASE</i> 2019; Vol 32(5): 678-680.
7.	Garg, S., de Lemos, J. A., Matulevicius, S. A. , Ayers, C., Pandey, A., Neeland, I. J., ... & Drazner, M. H. (2017). Association of Concentric Left Ventricular Hypertrophy With Subsequent Change in Left Ventricular End-Diastolic Volume: The Dallas Heart Study. <i>Circulation: Heart Failure</i> , 10(8), e003959.
8.	Gupta, S, Ayers, CR, Matulevicius, SA , Peshock, RM, Markham, DW, de Lemos, JA, Berry, JD, Drazner, MH. Risk scores versus natriuretic peptides for identifying prevalent stage B heart failure. <i>Am Heart J</i> 2011 ; 161(5) : 923-930. PMID 21570524.
9.	Gupta S, Berry JD, Ayers, CR, Matulevicius SA , Peshock RM, Patel PC, Markham DW, Drazner MH. Association of Health ABC Heart Failure Score with Cardiac Structural and Functional Abnormalities in Young Individuals. <i>Am Heart J</i> , 2010;159(5):817-24.
10.	Gupta, S, Matulevicius, SA , Ayers, CR, Berry, JD, Patel, PC, Markham, DW, Levine, BD, Chin, KM, de Lemos, HA, Peshock, RM, Drazner, MH. Left atrial structure and function and clinical outcomes in the general population. <i>Eur Heart J</i> . 2013 Jan;34(4):278-85. PMID : 22782941.
11.	Hsu, EW, Muzikant, AL, Matulevicius, SA , Penland, RC, Henriquez, CS. Magnetic Resonance Myocardial Fiber Orientation Mapping with Direct Histological Correlation. <i>American Journal of Physiology</i> 1998; 274: H1627-H1634.
12.	Koshy, TP, Rohatgi, A, Das, SR, Price, AL, deLuna, A, Reimold, N, Willett, K, Reimold, SC, Matulevicius, SA . The Association of Abnormal Findings on Transthoracic Echocardiography with 2011 Appropriate Use Criteria and Clinical Impact. <i>Int J Cardiovasc Imaging</i> 2015; Online First p 1-8.
13.	Oliver W, Matthews G, Ayers CR, Garg S, Gupta S, Neeland IJ, Drazner MH, Berry JD, Matulevicius S , de Lemos JA. Factors Associated With Left Atrial Remodeling in the General Population CLINICAL PERSPECTIVE. <i>Circulation: Cardiovascular Imaging</i> . 2017 Feb 1;10(2):e005047.
14.	Martin RB, Nelson DB, Stewart R, Matulevicius S , McIntire DD, Cunningham FG. Impact of Pregnancy on Maternal Cardiac Atria. <i>American Journal of Perinatology</i> . 2017 Sep;34(11):1097-101.
15.	Matulevicius, S , Rohatgi, A, Khera, A, Das, SR, Owens, A, Ayers, C, Timaran, CH, Rosero, EB, Drazner, MH, Peshock, RM, DeLemos, JA. The Association between Plasma Caspase-3, Atherosclerosis, and Vascular Function in the Dallas Heart Study. <i>Apoptosis</i> , 2008; 13(10): 1281-1289
16.	Matulevicius, S , Huff, LC, Szczepaniak, LS, Ayers, CR, Budoff, M, McColl, R, Khera, A, Peshock RM. Potential of Electron Beam Computed Tomography for Coronary Artery Calcium Screening to Evaluate Fatty Liver: Comparison with 1H Magnetic Resonance Spectroscopy in the Dallas Heart Study. <i>Journal of Investigative Medicine</i> , 2011; 59:780-786.
17.	Matulevicius SA , Rohatgi A, Das SR, Price AL, Deluna A, Reimold SC. Appropriate Use and Clinical Impact of Transthoracic Echocardiography. <i>JAMA Intern Med</i> . 2013 Sep 23;173(17):1600-7. PMID: 23877630
18.	Matulevicius SA , Das, SR, Reimold, SC. Assessing the Clinical Impact of Appropriate Echocardiograms – Reply. <i>JAMA Intern Med</i> . 2014; 174(7):1196-97.
19.	Nelson, D. B., Stewart, R. D., Matulevicius, S. A. , Morgan, J. L., McIntire, D. D., Drazner, M., & Cunningham, F. G. (2015). The Effects of Maternal Position and Habitus on Maternal Cardiovascular Parameters as Measured by Cardiac Magnetic Resonance. <i>American journal of perinatology</i> , 2015; 32(14), 1318-1323.

20.	Owens, AW, Matulevicius, S , Rohatgi, A, Ayers, CR, Das, S, Khera, A, McGuire, DK, de Lemos, JA. Circulating lymphotoxin beta receptor and atherosclerosis: Observations from the Dallas Heart Study. <i>Atherosclerosis</i> 2010; 212:601-606.
21.	Pandey, A., Garg, S., Matulevicius, S. A. , Shah, A. M., Garg, J., Drazner, M. H., & Kumbhani, D. J. (2015). Effect of Mineralocorticoid Receptor Antagonists on Cardiac Structure and Function in Patients With Diastolic Dysfunction and Heart Failure With Preserved Ejection Fraction: A Meta-Analysis and Systematic Review. <i>Journal of the American Heart Association</i> ,4(10), e002137.
22.	Pandey A, Park BD, Ayers C, Das SR, Lakoski S, Matulevicius S , de Lemos JA, Berry JD. Determinants of Racial/Ethnic Differences in Cardiorespiratory Fitness (From the Dallas Heart Study). <i>The American Journal of Cardiology</i> . 2016 May 28.
23.	Rohatgi, A, Ayers, C, Khera, A, McGuire, DK, Das, SR, Matulevicius, S , Timaran, CH, Rosero, EB, DeLemos, JA. The association between peptidoglycan recognition protein-1 and coronary and peripheral atherosclerosis: Observations from the Dallas Heart study. <i>Atherosclerosis</i> , 2009; 203(2): 569-575.
24.	Shafer KM, Janssen L, Carrick- Ranson G, Palmer D, Rahmani S, Fujimoto N, Livingston S Matulevicius SA , Forbess LW, Brickner B, Levine BD. Cardiovascular response to exercise training in the systemic right ventricle of adults with transposition of the great arteries. <i>The Journal of Physiology</i> 2015, 593 (11): 2447-2458.
25.	Stewart, R.D., Nelson, D.B., Matulevicius, S.A. , Morgan, J.L., McIntire, D.D., Drazner, M.H. and Cunningham, F.G., 2015. Cardiac magnetic resonance imaging to assess the impact of maternal habitus on cardiac remodeling during pregnancy. <i>American journal of obstetrics and gynecology</i> , 2016; 214(5): 640e1-640.e6.
26.	Townsend, J., Pelletier, J., Peterson, G., Matulevicius, S. and Sreeramoju, P., 2015. Quality Improvement of Staphylococcus aureus Bacteremia Management and Predictors of Relapse-Free Survival. <i>The American journal of medicine</i> , 2016; 129(2): 195-203.
27.	Wilner B, Garg S, Ayers CR, Maroules CD, McColl R, Matulevicius SA , de Lemos JA, Drazner MH, Peshock R, Neeland IJ. Dynamic Relation of Changes in Weight and Indices of Fat Distribution With Cardiac Structure and Function: The Dallas Heart Study. <i>Journal of the American Heart Association</i> . 2017 Jul 1;6(7):e005897.

Reviews, Chapters, Monographs and Editorials

1.	Matulevicius, S , Rohatgi, A, de Lemos, JA. “Chapter 26: Diagnosis and Management of Patients with Unstable Angina and Non-ST-Segment-Elevation Myocardial Infarction”. Hurst’s The Heart Manual of Cardiology, 12 th edition, 2009. Ed. R. A. O’Rourke, R. A. Walsh, and V. Fuster. New York: McGraw-Hill.
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Case Reports

1.	Cho, MN, Mehta, SK, Matulevicius, S , Weinstein, D, Wait, MA, McGuire, DK. Differentiating true versus pseudo left ventricular aneurysm: a case report and review of diagnostic strategies. <i>Cardiology in Review</i> 2006; 14(6):e27-30.
2.	Dinsfriend W, Rao K, Matulevicius S . Inhalant-Abuse Myocarditis Diagnosed by Cardiac Magnetic Resonance. <i>Texas Heart Institute Journal</i> . 2016 Jun;43(3):246-8.

Proceedings of Meetings

1.	Abdullah, K, Hastings, J.L., Abdullah, S.M., Matulevicius, S.A. Appropriateness and Impact of Transthoracic Echocardiography in a Veterans Affairs Health Care System. Presented at a poster session at QCOR 2014.
2.	Barkley, KW, Abdullah, S, Bhella, P, Hastings, J, Matulevicius, S , Fujimoto, N, Shibata, S, Carrick-Ranson, G, Palmer, D, Gandhi, N, Levine, B. Consistent Doses of Lifelong Physical Activity are Not Associated with Myocardial Fibrosis. <i>J Am Coll Cardiol</i> . 2013;61(10_S):. doi:10.1016/S0735-1097(13)61613-7.
3.	Bennett, A, Gokaslan, S, Butt, Y, Matulevicius, S, Khera, A, McNamara, D. Loeffler’s Endocarditis: Cardiac MRI leading to prompt initiation of therapy. <i>JACC</i> , 2018; 71(11) suppl.
4.	Best, S., Okada, Y., Fujimoto, N., Hamati, J., Matulevicius, S. A. , Abdullah, S., Fu, Q. The effects of sex and hypertension subtype on left ventricular size and function in seniors. <i>The FASEB Journal</i> , 2013; 27, 1194-11.
5.	Chandra, A, Chen, T, Tang, Z, Matulevicius, S , Das, S, Agrawal, D. Abstract 17673: Bleeding Risk in Patients with Cirrhosis Undergoing Transesophageal Echocardiography: 6-Year Experience From Parkland Memorial Hospital. <i>Circulation</i> 2017; 136: A17673.

6.	Darsakalis, K, Cornwell, W, Torres, F, Chin, K, Matulevicius, SA . Right Atrial Emptying Fraction: A Novel Noninvasive Predictor of Mortality in Pulmonary Hypertension. Presented at a poster session at the American Heart Association Scientific Session, 2013.
7.	Darsakalis, K, Velez-Martinez, M, Matulevicius, S , Bartolome, S, Torres, F, Chin, K. Cardiac MRI Predictors of Mortality in Patients with Pulmonary Arterial Hypertension. <i>Am Coll Cardiol</i> . 2013;61(10_S):. doi:10.1016/S0735-1097(13)61255-3.
8.	De Luna, A, Price, AL, Rohatgi, A, Das, SR, Reimold, SC, Matulevicius, SA . Comparison of Pretest Probability Clinical Assessment and 2011 ACCF/ASE/AHA/ASNC/HFSA/HRS/ SCAI/SCCM/SCCT/SCMR Appropriate Use Criteria for Transthoracic Echocardiography and Association with Clinical Impact. Presented at QCOR 2012.
9.	Ferrari, VA, Matulevicius, S , Axel, L, Scott, CH, Ksiezycka, E, Duffy, K, St John Sutton, M. ACE inhibitors stabilize LV remodeling despite persistently abnormal resting mechanics. <i>J Am Coll Cardiol</i> 2003; 41(6):442A.
10.	Ferrari, VA, Matulevicius, S , Ksiezycka, E, Scott, CH, Duffy, K, Axel, L. ACE inhibitor therapy stabilizes global and regional ventricular function in chronic aortic regurgitation. <i>Circulation</i> 2002; 106 (19): II-687.
11.	Gupta, S, Matulevicius, SA , Ayers, CR, Berry, JD, Patel, PC, Markham, DW, Levine, BD, Chin, KM, de Lemos, JA, Peshock, RM, Drazner, MH. Abnormalities in Left Atrial Structure and Function in the General Population. <i>Circulation</i> 2010; 122:A17733.
12.	Hsu, EW, Muzikant, AL, Matulevicius, SA , Penland, RC, Henriquez, CS. Quantitative Comparisons of Myocardial Fiber Orientation Measured with MR Microscopy and Histology. International Society for Magnetic Resonance in Medicine Scientific Meeting July, 1998.
13.	Jain, M, Matulevicius, S , Leonard, D, Peshock, R, Shah, M. Left ventricular peak filling rate can be predicted by analyzing 3 basal short axis slices using cardiac magnetic resonance imaging. <i>Journal of Cardiovascular Magnetic resonance</i> , 2008; 10(Suppl 1): A210.
14.	Jain, M, Matulevicius, S , Leonard, D, Peshock, R, Shah, M. Diastolic function is abnormal in subjects with low aortic compliance. <i>Circulation</i> 2007; 116: II_648 - II_649. (I actually presented this oral abstract at the 2007 AHA Scientific Meeting in Orlando, FL)
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