

CURRICULUM VITAE

Richard Hariman MD

Associate Professor
Department of Medicine
Division of Rheumatology

OFFICE ADDRESS:

The Hub for Collaborative Medicine
8701 Watertown Plank Road
Milwaukee, WI 53226

EDUCATION:

09/1996 - 06/2000 B.A. in Psychology, Northwestern University, Evanston, IL
08/2000 - 05/2004 M.D., University of Illinois at Chicago Medical School, Chicago, IL

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

06/1998 Research Assistant, Hines VA Hospital, IL
07/2004 - 06/2007 Resident, Internal Medicine, Loyola University Medical Center, Maywood, IL
07/2007 - 07/2009 Fellowship, Rheumatology, Loyola University Medical Center, Maywood, IL

FACULTY APPOINTMENTS:

07/01/2009 - 06/30/2016 Assistant Professor, Department of Medicine, Rheumatology, The Medical College of Wisconsin, Milwaukee, WI
07/2010 - Present Director of Rheumatology Curriculum for Residency, Department of Internal Medicine, Medical College of Wisconsin, 8701 Watertown Plank Road, Milwaukee, WI 53226
07/2011 - Present Osteoporosis Clinic and Calcium Disorders Clinic Provider, Froedtert Hospital
07/2012 - Present Medical Director for Rheumatology Ambulatory Clinic, Froedtert Hospital, 9200 Wisconsin Ave, Milwaukee, WI 53226
07/2014 - Present Director of Rheumatology Curriculum for 3rd year Medical Students, Medical College of Wisconsin, 8701 Watertown Plank Road, Milwaukee, WI 53226
07/2015 - 06/2017 Associate Program Director for Rheumatology Fellowship, Medical College of Wisconsin, 8701 Watertown Plank Road, Milwaukee, WI 53226
07/01/2016 - Present Associate Professor, Medicine, Rheumatology, Medical College of Wisconsin

EDUCATIONAL ADMINISTRATIVE APPOINTMENTS:

07/2010 - Present Director of Rheumatology Curriculum for Residency, Department of Internal Medicine, Medical College of Wisconsin, 8701 Watertown Plank Road, Milwaukee, WI 53226
07/2010 - Present Director of Rheumatology Curriculum for 4th year Medical Students, Medical College of Wisconsin, 8701 Watertown Plank Road, Milwaukee, WI 53226
07/2011 - Present Osteoporosis Clinic and Calcium Disorders Clinic Provider, Froedtert Hospital
07/2012 - Present Medical Director for Rheumatology Ambulatory Clinic, Froedtert Hospital, 9200 Wisconsin Avenue, Milwaukee, WI 53226
07/2014 - Present Director of Rheumatology Curriculum for 3rd year Medical Students, Medical College of Wisconsin, 8701 Watertown Plank Road, Milwaukee, WI 53226
07/2015 - 06/2016 Associate Program Director for Rheumatology Fellowship, Medical College of Wisconsin, 8701 Watertown Plank Road, Milwaukee, WI 53226

HOSPITAL STAFF PRIVILEGES:

07/2009 - Present Milwaukee Veteran's Administration Hospital, 5000 W. National Ave. Milwaukee, Wisconsin

07/2009 - Present Froedtert Memorial Lutheran Hospital, 9200 W. Wisconsin Ave., Milwaukee, WI

SPECIALTY BOARDS AND CERTIFICATION:

<u>Board Certified</u>	<u>Issue Date</u>	<u>Expiration</u>
American Board of Internal Medicine	10/2007	10/2017
ABIM - Rheumatology	12/2009	12/31/2029

<u>Licensure</u>	<u>Number</u>	<u>Issue Date</u>	<u>Expiration</u>
Illinois License		2004	2011
Wisconsin License		2009	10/31/2023

AWARDS AND HONORS:

08/2004 Sarah Baskin Award for medical externship, Rehabilitation Institute of Chicago
2009 - 2010 Best Teaching Elective Award, Department of Internal Medicine, Medical College of Wisconsin
2011 - 2012 Best Teaching Elective Award, Department of Internal Medicine, Medical College of Wisconsin
06/2012 Top Five Finalist for Best Teacher-New Faculty 2011-2012. Internal Medicine Department, Medical College of Wisconsin
06/2012 Top Five Finalist for Best Teacher-Ambulatory Setting 2011-2012. Internal Medicine Department, Medical College of Wisconsin
06/2016 Top Five Finalist for Best Teacher-Ambulatory Setting 2015-16. Internal Medicine Department, Medical College of Wisconsin
10/2016 MCW Outstanding Medical Student Teacher 2015-2016

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

07/2007 - Present American College of Rheumatology

RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:

Active

Non-Peer Review

Title:	An investigation into the yield of arthrocentesis over time in a patient with acute gout. Retrospective review examining Hines VA database for patients with diagnosis of gout and examining efficacy of performing an arthrocentesis based on number of days after onset of symptoms.
Source:	Loyola University Chicago
Role:	Conducting research project with Dr. Elaine Adams
Dates:	2008 - Present

Title:	A Phase 3, Multi-Center, Randomized, Double-Blind, Placebo-Controlled, 52-Week Study to Evaluate the Efficacy and Safety of Belimumab (HGS1006) Administered Subcutaneously (SC) to Subjects with Systemic Lupus Erythematosus (SLE).
Source:	Human Genome Sciences/GlaxoSmithKline, Protocol HGS1006-C1115 / BEL112341

Role: Co-Investigator
 Dates: 2012 - Present

 Title: A Phase 3/4, Multi-Center, Randomized, Double-Blind, Placebo Controlled, 52-Week Study to Evaluate the Efficacy and Safety of Belimumab (HGS1006) in Adult Subjects of Black Race with Systemic Lupus Erythematosus (SLE).
 Source: Protocol HGS1006-C1112 / BEL115471. Human Genome Sciences/GlaxoSmithKline,
 Role: Co-Investigator / PI
 Dates: 2013 - Present

 Title: A Phase 3, Multi-Center, Multinational, Randomized, Double-Blind, Study to Evaluate the Efficacy and Safety of Belimumab (HGS1006) in Combination with Azathioprine for the Maintenance of Remission in Wegener's Granulomatosis and Microscopic Polyangiitis. Protocol HGS1006-C1100 / BEL115466.
 Source: Human Genome Sciences/GlaxoSmithKline
 Role: Co-Investigator / PI
 Dates: 2013 - Present

Prior

Non-Peer Review

Source: Hines VA Hospital
 Role: Helped in the writing of a paper based on prior research studies. Assisted and recorded data of experimental hemodialysis machines on uremic dogs under the supervision of Dr. Todd S. Ing.
 Dates: 1998 - Present

 Title: A Randomized, Double-Blind, Parallel-Group, Placebo-Controlled Study to Evaluate the Efficacy and Safety of a 200-mcg Dose of CEP-33457 in Patients With Systemic Lupus Erythematosus - Phase 2b.
 Source: Study C33457/2047, Cephalon.
 Role: Co-Investigator
 Dates: 2011 - 2012

 Title: A Phase 3, Multicenter, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Efficacy and Safety of LY2127399 in Patients with Moderate to Severe Rheumatoid Arthritis (RA) who had an Inadequate Response to one or more TNF-? Inhibitors.

Source: Eli Lilly and Company - Protocol H9B-MC-BCDV.
Role: Co-Investigator
Dates: 2011 - 2013

Title: An Open-Label Long-Term Study of the Safety and Tolerability of Repeated Administration of CEP-33457 in Patients with Systemic Lupus Erythematosus.

Source: Protocol C33457/3075, Cephalon.
Role: Co-Investigator
Dates: 2011 - 2012

Title: A Phase 3, Multicenter, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Efficacy and Safety of Subcutaneous LY2127399 in Patients with Systemic Lupus Erythematosus (SLE).

Source: Study H9B-MC-BCDS.
Role: Co-Investigator
Dates: 2011 - 2015

Title: A Phase 3 Randomized, Double-Blind, Multicenter, Placebo-Controlled, Combination Study to Evaluate the Efficacy and Safety of Lesinurad and Allopurinol Compared to Allopurinol Alone in Subjects with Gout who have had an Inadequate Hypouricemic Response to Standard of Care Allopurinol.

Source: Ardea Biosciences, Inc., Protocol RDEA594-301.
Role: Co-Investigator
Dates: 2012 - 2014

Title: A Phase 3 Randomized, Double-Blind, Multicenter, Placebo-Controlled, Combination Study to Evaluate the Efficacy and Safety of Lesinurad and Febuxostat Compared to Febuxostat Alone at Lowering Serum Uric Acid and Resolving Tophi in Subjects with Tophaceous Gout.

Source: Ardea Biosciences, Inc., Protocol RDEA594-304.
Role: Co-Investigator
Dates: 2012 - 2013

Title: A Phase 3b, Multicenter, Open-Label Study to Evaluate the Long-Term Safety and Efficacy of LY2127399 in Patients with Rheumatoid Arthritis (RA).

Source: Eli Lilly and Company, Protocol H9B-MC-BCDP
Role: Co-Investigator

Dates: 2012 - 2013

Title: A Phase 3b, Multicenter, Open-Label Study to Evaluate the Long-Term Safety and Efficacy of Subcutaneous LY2127399 in Patients with Systemic Lupus Erythematosus (SLE) (ILLUMINATE-X).

Source: Eli Lilly and Company, Protocol H9B-MC-BCDX

Role: Co-Investigator

Dates: 2013 - 2014

Title: A Long-Term Extension Study of Lesinurad in Combination with Allopurinol for Subjects Completing an Efficacy and Safety Study of Lesinurad and Allopurinol RDEA594-306

Source: Ardea Biosciences, Inc.

Role: Co- Investigator

Dates: 2014 - 2015

INVITED LECTURES/WORKSHOPS/PRESENTATIONS:

Local

Lecture, Osteoporosis: An Approach to Treatment, Sports Medicine Division, Medical College of Wisconsin, 07/12/2012

Neuropsychiatric relationships of RA, OA, Connective Tissue Disease, and Fibromyalgia, Lecture given to Psychiatry/Psychosomatic Fellowship, Medical College of Wisconsin, 01/15/2013

Neuropsychiatric relationships of Connective Tissue Disease and Fibromyalgia, Yearly Lecture given to Psychiatry/Psychosomatic Fellowship, Medical College of Wisconsin, 05/08/2015 - Present

Rheumatology, Cardiology Grand Rounds Speaker, Froedtert Boardroom (FEC, E5139) 9200 W Wisconsin Ave 53226, 01/05/2017

Rheumatological ICU Emergencies, Given to Pulmonary/ICU Grand Rounds, Medical College of Wisconsin, 03/24/2017

General Rheumatology Diagnoses and First Line Treatment, Teaching session, Westbrook Clinic/Suite 1100 - 2315 E Moreland Blvd - Waukesha 53186, 12/01/2017

Why do I have so much joint pain all the time? IBD Related Arthritis, Crohn's and Colitis Conference - A Patient and Provider Point of Care Conference - Presented by Froedtert and MCW in partnership with the Crohn's & Colitis Foundation, MCW Medical Education Building, 05/12/2018

Regional

Rheumatoid Arthritis, Grand Rounds, St. Joseph's Hospital, West Bend, WI, 02/19/2010 - Present

Rheumatoid Arthritis, Webcast, Wisconsin Arthritis Foundation, Milwaukee, WI, 02/25/2010 - Present

Granulomatosis with Polyangiitis; Review and Treatment Advances, Grand Rounds given, Loyola University Medical Center Internal Medicine Department, 11/19/2013 - Present

Vasculitis, Medical Education Program, Community Memorial Hospital, Menomonee Falls, WI, 04/18/2014 - Present

Laura Kopplin MD, Richard Hariman MD, Meet the Professor (MTP) "Managing Ocular Inflammatory Disease: What a Rheumatologist Needs to Know.", American College of Rheumatology - Annual Meeting, Chicago, IL, 10/22/2018

COMMITTEE SERVICE:

Medical College of Wisconsin

01/2010 - Present Interviewer and selector of candidates, Fellowship recruitment, Rheumatology, Department of Medicine, Medical College of Wisconsin

07/2010 - Present Residency Curriculum, Department of Medicine, Medical College of Wisconsin
 07/2010 - Present Grand Rounds, Department of Medicine, Medical College of Wisconsin
 10/2011 - Present Interviewer and selector for Residency Program, Intern selection, Internal Medicine, Department of Medicine, Medical College of Wisconsin
 01/2012 - 02/2014 Information Technology, Internal Medicine, Department of Medicine, Medical College of Wisconsin
 12/2012 - Present Ambulatory Steering, Froedtert Hospital
 01/2013 - 07/2016 Pharmaceuticals, Nutrition & Therapeutics Subcommittee for Ambulatory Steering Committee, Froedtert Hospital
 10/2013 - Present Discovery Evaluation Workgroup, Medical College of Wisconsin
 01/2014 - Present Nominating, Department of Medicine, Medical College of Wisconsin
 07/2014 - Present Access, Department of Medicine, Medical College of Wisconsin
 09/2014 - Present Patient Centered Scheduling Workgroup for, Medical College of Wisconsin
 04/2015 - Present Froedtert POC US Workgroup, Medical College of Wisconsin
 2020 - Present Member, Quality, Department of Medicine, Medical College of Wisconsin
 2020 - Present Chair, Program Evaluation, Department of Medicine, Medical College of Wisconsin

MEDICAL COLLEGE TEACHING ACTIVITIES:

Community/Lay Public

02/25/2010 "Rheumatoid Arthritis." Webcast given at the Wisconsin Arthritis Foundation in Milwaukee.
 10/31/2013 Interview in article by Dr. Sanjay Gupta from website <http://bit.ly/16SXUDa> Eveyday Health, "When Joint Pain Isn't Rheumatoid Arthritis -- Or Is It? RA symptoms are similar to many other conditions including osteoarthritis. So how do you know what's causing your joint pains?"
 "When Joint Pain Isn't Rheumatoid Arthritis -- Or Is It? RA symptoms are similar to many other conditions including osteoarthritis. So how do you know what's causing your joint pains?" Interview in article by Dr. Sanjay Gupta from website My Everyday Health

Medical Student Education

04/10/2012 "Rheumatoid Arthritis" Lecture given to M2 students for pilot curriculum.
 04/10/2012 "Osteoarthritis" Lecture given to M2 students for pilot curriculum.
 01/2013 - Present M1 Discovery Curriculum. Involved in precepting and peaching a 1st year medical student.
 09/2014 Bench to Bedside: Musculoskeletal Lectures: given to M2 students.
 08/2015 Mock Interviews: given to 4th year medical students in preparation for residency interviews.

Resident and Fellow Education

01/07/2008 "Scleroderma: review and case presentation." Given to Internal Medicine Residents at Hines VA.
 08/13/2008 "Rheumatological Urgencies." Given to Internal Medicine Residents at Loyola University
 2008 - Present Teaching conference/lecture "Rheumatology Emergencies" and "Vasculitis" for rotating rheumatology residents and medical students twice per month.
 2008 - Present Delivered journal club presentations for the Department of Medicine/Rheumatology twice per year.
 2008 - Present Teach residents and medical students in outpatient rheumatology clinic 4x/week and inpatient consultative service 2.5 months/year.
 07/2009 "Osteoarthritis" given to Internal Medicine Residents at MCW.
 05/02/2010 "Clinical Pathophysiology Conference" given to Faculty and Internal Medicine Residents at FMLH
 05/04/2010 "Clinical Pathophysiology Conference" given to Faculty and Internal Medicine Residents on at Milwaukee VA hospital.
 07/2010 "Physical Therapy and Injections" Lecture given to Internal Medicine Residents at MCW.
 07/2010 "Polyarthritis" lecture given to Internal Medicine Residents at MCW.
 07/2011 "Medium and Small Vessel Vasculitis" Lecture given to Internal Medicine Residents at MCW.
 07/2011 "Giant Cell Arteritis" lecture given to internal medicine residents at MCW.
 07/2012 "Medium and Small Vessel Vasculitis" Lecture given to Internal Medicine Residents.
 07/2012 "Introduction to Rheumatology" Lecture given to Internal Medicine Interns.

10/2012 "Psoriatic Arthritis, Spondyloarthropathies, PAPA Syndrome, SAPHO Syndrome." Lecture given to Dermatology Residents.

03/06/2013 "Osteoporosis" Lecture given to Orthopedics and Rheumatology Combined Conference at Medical College of Wisconsin on Arthrocentesis Workshop: given to Med Peds residents

04/2013 Arthrocentesis Workshop given to Med Peds residents

04/2013 "Osteoporosis" Lecture given to Orthopedics and Rheumatology Combined Conference at Medical College of Wisconsin on Arthrocentesis Workshop: given to Med Peds residents

07/2013 "Miscellaneous Rheumatological Diseases": lecture given to Internal Medicine Residents at Medical College of Wisconsin.

07/2013 "Introduction to Rheumatology" Lecture given to Internal Medicine Interns at Medical College of Wisconsin.

09/2013 "Psoriatic Arthritis, Still's Disease, Relapsing Polychondritis, Periodic Fevers" lecture given to Dermatology Residents.

03/2014 "Immunologic Mechanisms of Connective Tissue Disease." Given for MCW Allergy Department Grand Rounds.

04/2014 Arthrocentesis Workshop given to Med Peds residents

04/2014 "Osteoporosis" Lecture given to Orthopedics and Rheumatology Combined Conference at Medical College of Wisconsin on Arthrocentesis Workshop: given to Med Peds residents

07/2014 "Introduction to Rheumatology" Lecture given to Internal Medicine Interns at Medical College of Wisconsin.

07/2014 "Miscellaneous Rheumatological Diseases" lecture given to Internal Medicine Residents at Medical College of Wisconsin.

04/2015 Arthrocentesis Workshop given to Med Peds residents

04/2015 "Osteoporosis" Lecture given to Orthopedics and Rheumatology Combined Conference at Medical College of Wisconsin on Arthrocentesis Workshop: given to Med Peds residents.

07/2015 "Rheumatoid Arthritis" lecture given to Internal Medicine Interns at Medical College of Wisconsin.

07/2015 "Rheumatology Jeopardy" lecture given to Internal Medicine Residents at Medical College of Wisconsin.

12/2015 "Immunologic Mechanisms of Connective Tissue Disease." Given for MCW Allergy Department Grand Rounds.

03/2016 "Rheumatology as a career specialty" Lecture given to Internal Medicine Interest group.

04/05/2016 - 04/07/2016 Clinical Pathological Correlation (CPC) Tues VA noon - 1:00 PM & Thurs MCW noon - 1:00 PM

07/2016 "Introduction to Rheumatology" lecture given to Internal Medicine Interns

11/09/2016 MSK Radiology lecture - Scanlon auditorium

EXTRAMURAL TEACHING:

Resident and Fellow Education

04/29/2016 MCW-CHW, Preceptor - Annual Med-Peds Procedure Workshop; Knee and shoulder arthrocentesis procedures discussion.

Continuing Medical Education

06/2001 Rehabilitation Institute of Chicago. Researched and presented Oral Apraxia: a review and case study study under mentorship of Dr. Richard L. Harvey.

06/2001 Rehabilitation Institute of Chicago. Participated and assisted in two, four-week rotations on separate inpatient rehabilitation of stroke and traumatic brain injury services

MCW STUDENTS, FACULTY, RESIDENTS AND CLINICAL/RESEARCH FELLOWS MENTORED:

Medical Students

Medical College of Wisconsin, 01/01/2013 - Present Medical Student M1-M2 Clinical Preceptor

Residents

Medical College of Wisconsin, 07/2012 - Present Resident Clinical mentor

**EXTRAMURAL STUDENTS, FACULTY, RESIDENTS, AND CLINICAL/RESEARCH FELLOWS
MENTORED:**

Medical Students

Loyola University Chicago., 01/01/2006 - 01/01/2007 Second year medical student with conducting histories, physical exam, and clinical responsibilities

PROGRAMMATIC DEVELOPMENTS:

Research Programs

06/2008 - Present Conducting research project with Dr. Elaine Adams entitled: "An investigation into the yield of arthrocentesis over time in a patient with acute gout." Loyola University, Chicago

06/2008 - Present Retrospective review examining Hines VA database for patients with diagnosis of gout and examining efficacy of performing an arthrocentesis based on number of days after onset of symptoms. Loyola

Clinical Programs

08/2011 - Present Quality Improvement Project for Rheumatology Outpatient Clinic

2012 - Present Founder and Director of Division of Rheumatology Injection Clinic

2012 Director of Musculoskeletal Ultrasound for Division of Rheumatology

10/2013 Lean Healthcare Certification from University of Michigan

2014 Implementation of Lean Healthcare Techniques to Froedtert Rheumatology Clinic

04/2015 MCW/UWM Leadership Academy Certification

02/2017 National Coalition Building Institute Welcoming Diversity Exposure Workshop

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. Atassi WA, Noghnogh AA, Hariman R, Jayanthi S, Cheung SF, Kjellstrand CM, Ing TS. Hemodialysis as a Treatment of Severe Ethanol Poisoning Resistant to Conservative Therapy. The International Journal of Artificial Organs. 1999; 22: 18-20.
2. Tehrani R, Ostrowski RA, Hariman R, Jay WM. Ocular Toxicity of Hydroxychloroquine. Seminars in Ophthalmology. 2008; 23:201-209.
3. Tehrani R, Ostrowski RA, Hariman R, Jay WM. Giant Cell Arteritis. Seminars in Ophthalmology. 2008; 23:99-110.
4. Tehrani R, Ostrowski RA, Hariman R, Jay WM. Giant Cell Arteritis: Oral versus Intravenous Corticosteroids. Neuro-Ophthalmology. 2009; 33: 5-9.
5. Tehrani, R, Ostrowski, RA, Hariman, R, Jay, WM. Review of Biologic Therapies. Neuro-ophthalmology. 2009; 33:286-299.
6. Hariman R, Patel P, Strouse J, Collins MP, Rosenthal A. Development of Eosinophilic Fasciitis during Infliximab Therapy for Psoriatic Arthritis. Case Rep Rheumatol. 2016;2016:7906013. PMID: PMC4879227
7. Tehrani R, Hariman R. Treatment of Vasculitis Chapter. Primer on Cerebrovascular Diseases 2nd edition. 2016
8. Bashir M, Bettendorf B, Hariman R. A Rare but Fascinating Disorder: Case Collection of Patients with Schnitzler Syndrome. Case Rep Rheumatol. 2018;2018:7041576. PMID: PMC5863343
9. Tehrani R, Hariman R. Treatment of Vasculitis Primer on Cerebrovascular Diseases: Second Edition. 7 March 2017:774-777.
10. Tehrani R, Ostrowski RA, Hariman R, Jay WM. Review of biologic therapies Neuro-Ophthalmology. December 2009;33(6):286-299.
11. Tehrani R, Ostrowski RA, Hariman R, Jay WM. Giant cell arteritis: Oral versus intravenous corticosteroids Neuro-Ophthalmology. January 2009;33(1-2):5-9.

Database, Video, or Other Research/Clinical Contributions

1. Alissa HM, Ostrowski RA, Hariman R, Adams E. Serum Sickness. E-Medicine.

<http://emedicine.medscape.com/article/332032-overview>. 2009.