

CURRICULUM VITAE

REEMA SYED, M.D.

Personal Information

Saint Louis University Medical Center
Division of Rheumatology
1402 South Grand Boulevard, R211 Doisy Hall
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Current Position:

Associate Professor of Internal Medicine and Pediatrics 20014-Present
Program Director Pediatric Rheumatology

Education:

Fellowship:	Combined Adult and Pediatric Rheumatology Saint Louis University	07/04-06/07
Chief Residency:	Combined Internal Medicine and Pediatrics Hurley Medical Center-Michigan State University	07/03-06/04
Residency:	Combined Internal Medicine and Pediatrics Hurley Medical Center-Michigan State University	07/00-06/04
Medical School:	Dow Medical College Karachi, Pakistan Graduated with honors in the top 5%	04/93-12/98
High School:	Deerfield Academy Deerfield, MA Graduated with honors, cum laude	1989-1992

Previous Professional Experience:

Assistant Professor of Internal Medicine 07/07-06/08
Saint Louis University
Division of Rheumatology

Hospital and Clinical Staff Appointments:

Saint Louis University 2008-present

Division of Rheumatology
Assistant Professor of Internal Medicine and Pediatrics

Board Certification and Licensure:

Pediatric Rheumatology	03/09
Pediatrics	10/06
Adult Rheumatology	11/06
Certified Clinical Densitometrist (CCD)	12/05
Board Certified in Internal Medicine	08/04
Certified by Educational Commission for Foreign Medical Graduates (ECFMG)	10/99

Professional Society Memberships:

American College of Rheumatology
St Louis Rheumatology Association
St Louis Rheumatology Association Steering Committee
The International Society of Clinical Densitometry
American College of Physicians
American Academy of Pediatrics
Childhood Arthritis and Rheumatology Research Alliance (CARRA)

Honorary Societies, Honors, and Awards:

Amgen Rheumatology Fellowship Award, St. Louis University
Honors in Surgery, Dow Medical College
Honors in OB-GYN, Dow Medical College
Honors in Anatomy, Dow Medical College

Professional Services:

University

Faculty Senate 07/13-06/16

Department

Director, Joint Injection Workshops 2010-present
Director, ROSCE: Rheumatology Objective Structured Clinical Examination 2010-present
Director, Arthritis and Immunology Conferences 2007-present

Community

Board Member, Lupus Foundation of America (LFA) Heartland Chapter 2010-present
Chair of patient education, Lupus Foundation of America (LFA) Heartland Chapter 2011-present

Current and Past Teaching Responsibilities:

Course and lecture topics:

Second year Medical Student Skin, Bone, Joint Module: Vasculitis, 03/13

Second year Medical Student Skin, Bone, Joint Module: Musculoskeletal manifestations in Pediatrics,	03/13
Scleroderma, Arthritis and Immunology Conference	10/12
Second year Medical Student Skin, Bone, Joint Module: Vasculitis,	03/12
Second year Medical Student Skin, Bone, Joint Module: Pediatric Rheumatology,	03/12
SLE, Arthritis and Immunology Conference,	09/11
Scleroderma, Arthritis and Immunology Conference,	09/11
Second year Medical Student Skin, Bone Joint Module: Pediatric Rheumatology,	03/11
Sjogren's Syndrome, Arthritis and Immunology Conference	09/10
Mixed Connective Tissue Disease: A Review, Arthritis and Immunology Conference,	01/10
Rheumatic Diseases in HIV; Arthritis and Immunology Conference,	09/09
Rheumatic Manifestations of HIV,	09/08
Updates in Juvenile Idiopathic Arthritis, Cardinal Glennon Children's Hospital, Pediatric Noon Conference,	02/08
Arthritic Vasculitides, Department of Community and Family Medicine, Sports Medicine Conference,	02/08
Benign Hypermobility Syndrome and Ehlers Danlos Syndrome, Arthritis and Immunology Conference,	01/08
Rheumatic Manifestations of Hepatitis C, Arthritis and Immunology Conference,	03/07
Rheumatic Medications: The good, the bad, and the ugly, Arthritis and Immunology Conference	01/07
Hypermobility, Arthritis and Immunology Conference	12/05
HIV Arthropathy, Arthritis and Immunology Conference,	04/05
Musculoskeletal Manifestations of Malignancy, Arthritis and Immunology Conference	11/04

Protégé:

Mentoring program at Saint Louis University

Research Support:

Principle Investigator:

Current Funding

Duke University/ NIAMS/ Arthritis Foundation Childhood Arthritis Research Rheumatology Alliance Network(CARRANet): Accelerating Towards an Evidence Based Culture in Pediatric Rheumatology \$25000 2010 -ongoing

DCRI Finance Duke Childhood Arthritis and Research Rheumatology Alliance (CARRA Registry): Lupus Nephritis Consensus Treatment Protocols \$1725 in the start up process

Bristol Myer Squibb with Pediatric Rheumatology Collaborative Study Group (PRCSG) An Observational Registry of Abatacept in Patients with Juvenile Idiopathic Arthritis \$10,000 in the start up process

Safety and Effectiveness of Belimumab in Systemic Lupus Erythematosus (SABLE) multicenter registry

Multi-center Randomized trial to evaluate the safety, efficacy, and pharmacokinetics of Belimumab plus standard therapy in pediatric patients with systemic lupus erythematosus

Past Funding

Cincinnati Children's Hospital Medical Center Towards Measures of Lupus Nephritis Activity & Damage for Children \$17000 2011-5/2013

Seattle Children's Hospital Enhanced Drug Surveillance Study (EDSS) Project \$ 3000 2010-2012

Co-Investigator: Current Funding

DCRI Finance Duke University Childhood Arthritis Research and Rheumatology Alliance (CARRANet): Juvenile Dermatomyositis Consensus Treatment Protocols \$3750 in the start up process

Consortium Of Rheumatology Researchers Of North America (CORRONA)

Bibliography:

Peer Reviewed Articles:

Moore TL, Syed RH: Specific viruses that cause arthritis -1 and 11. Up to Date Rheumatol 15: 1-18, 2007

Syed RH, Moore TL: Methylphenidate and dextroamphetamine induced peripheral vasculopathy in four patients. J Clinical Rheumatol 14: 30-33, 2008

Syed RH, Gilliam BE, Moore TL: Prevalence and significance of isotopes of anti-cyclic citrullinated peptide antibodies in juvenile idiopathic arthritis. Ann Rheum Dis 67:1049-1051, 2008

Gilliam BE, Reed MR, Syed RH, Moore TL: Rheumatic manifestation of Epstein-Barr virus in children. J Pediatr Infect Dis 4: 333-342, 2009

Reed MR, Gilliam BE, Syed RH, Moore TL: Rheumatic manifestation of Parvovirus B19 in children. J Pediatr Infect Dis 4: 321-331, 2009

Mina R, von Scheven E, Ardoin SP, Eberhard BA, Punaro M, Ilowite N, Hsu J, Klein-Gitelman M, Moorthy LN, Muscal E, Radhakrishna SM, Wagner-Weiner L, Adams M, Blier P, Buckley L, Chalom E, Chédeville G, Eichenfield A, Fish N, Henrickson M, Hersh AO, Hollister R, Jones O, Jung L, Levy D, Lopez-Benitez J, McCurdy D, Miettunen PM, Quintero-Del Rio AI, Rothman D, Rullo O, Ruth N, Schanberg LE, Silverman E, Singer NG, Soep J, Syed R, Vogler LB, Yalcindag A, Ldirim-Toruner C, Wallace CA, Brunner HI. Consensus

treatment plans for induction therapy of newly-diagnosed proliferative lupus nephritis in juvenile systemic lupus erythematosus. *Arthritis Care Res (Hoboken)*. 2011 Dec 12. doi: 10.1002/acr.21558.

Ringold S, Hendrickson A, Abramson L, Adams M, Beukelman T, Blier P, Bohnsack J, Chalom E, Gewanter H, Gottlieb B, Griffin T, Higgins G, Hollister R, Hsu J, Hudgins A, Ilowite N, Klein-Gitelman M, Lindsley C, Lopez J, Mason T, Milojevic D, Moorthy L, Nanda K, Nickeson R, Onel K, Prahalad S, Rabinovich E, Ray L, Rouster-Stevens K, Ruth N, Shishov M, Spalding S, Syed R, Stoll M, Vehe R, Weiss J, White A, Wallace C, Sobel R. Medication Adverse Events in Juvenile Arthritis: Results from the Childhood Arthritis and Rheumatology Research Alliance Enhanced Drug Safety Surveillance Project. In press

Invited Review Articles:

Syed RH, Gilliam BE, Moore TL: Rheumatoid factors and anti-cyclic citrullinated peptide antibodies in pediatric rheumatology. *Curr Rheum Reports* 10: 156-163, 2008

Syed R, Moore TL. Juvenile Idiopathic Arthritis: Pathogenesis, presentation, and treatment. In: Ian R. Mackay (Ed.). *Encyclopedia of Medical Immunology*. New York, NY: Springer, 2014.

Electronic Media:

Syed RH, Kamat S: Literature review of mixed connective tissue disease: a reading list for rheumatology fellows. www.rheumatology.org (2006)

Syed RH, Moore TL. Human immunodeficiency virus infection. *UptoDate Rheumatol* 14:9-19, 2006.

Abstracts:

Syed RH, MD, Sharif A, Habte-Gabr E: Inpatient Cases of Septic arthritis in a Community Hospital. Presented Flint Area Medical Education Conference, 2003)

Syed RH, Moore TL: Methylphenidate and Dextroamphetamine Induced Peripheral Vasculopathy in Three Patients. *Arthritis Rheum* 52: P4105, 2005 (Presented American College of Rheumatology National Meeting, San Diego, CA, Nov 2005)

Syed RH, Gilliam BE, Pepmueller P: Weight Changes in Rheumatoid Arthritis Patients on anti-Tumor Necrosis Factor Agents. *Arthritis Rheum* 56: 4285, 2007 (Presented American College of Rheumatology, Boston, MA, Nov 2007)

Syed RH, Gilliam BE, Moore TL: Prevalence and significance of isotopes of anti-cyclic citrullinated peptide antibodies in juvenile idiopathic arthritis patients. *Arthritis Rheum* 56: S376, 2007 (Presented American College of Rheumatology, Boston, MA, Nov 2007)

Moore TL, Gilliam BE, Syed RH, Ombrello MJ, Low JM, Chauhan AK: Significant association of biomarkers with disease severity in juvenile arthritis patients. *Pediatr Rheumatol* 8: in press, 2008 (Presented Conference on Rheumatic Diseases of Childhood, Keystone, CO, Mar 2008)

Syed RH, Gilliam BE, Ombrello MJ, Ombrello AK, Moore TL: Significance of detection of isotopes of anti-cyclic citrullinated peptide antibodies in juvenile idiopathic arthritis patients. *Pediatr Rheumatol* 8: in press, 2008 (Presented Conference on Rheumatic Diseases of Childhood, Keystone, CO, Mar 2008)

Syed RH, Gilliam BE, Moore TL: Prevalence of human parvovirus B19 infection in juvenile idiopathic arthritis patients. *Pediatr Rheumatol* 8: in press, 2008 (Presented Conference on Rheumatic Diseases of Childhood, Keystone, CO, Mar 2008)

Syed RH, Gilliam BE, Moore TL: Anti-cyclic citrullinated peptide antibody isotope determination in synovial fluid in juvenile idiopathic arthritis patients. *Pediatr Rheumatol* 8: in press, 2008 (Presented Conference on Rheumatic Diseases of Childhood, Keystone, CO, Mar 2008)

Gilliam BE, Ombrello AK, Burlingame R, Pepmueller PH, Syed RH, Moore TL: Measurement of autoantibodies in pediatric and adolescent-onset systemic lupus erythematosus and their significant relationship with disease-associated manifestations. *Pediatr Rheumatol* 11: S22, 2011 (Presented Pediatric Rheumatology Symposium, Miami, FL, June 2011)

Gilliam BE, Crespo-Pagnussat S, Ko J, Syed RH, Moore TL: Presence of anti-cyclic citrullinated peptide antibody isotopes in juvenile idiopathic arthritis synovial fluid indicates autoantibody production at the site of inflammation. *Pediatr Rheumatol* 11: S74, 2011 (Presented Pediatric Rheumatology Symposium, Miami, FL, June 2011)

Gilliam BE, Ombrello AK, Burlingame R, Pepmueller PH, Syed RH, Moore TL: Measurement of autoantibodies in pediatric and adolescent-onset systemic lupus erythematosus and their significant relationship with disease-associated manifestations. *Pediatr Rheumatol* 11: S22, 2011 (Presented Pediatric Rheumatology Symposium, Miami, FL, June 2011)

Gilliam BE, Crespo-Pagnussat S, Ko J, Syed RH, Moore TL: Presence of anti-cyclic citrullinated peptide antibody isotopes in juvenile idiopathic arthritis synovial fluid indicates autoantibody production at the site of inflammation. *Pediatr Rheumatol* 11: S74, 2011 (Presented Pediatric Rheumatology Symposium, Miami, FL, June 2011)

Kamel G, Espiritu J, Di Bisceglie A, Chen G, Syed R, Nayak R. Pulmonary arterial hypertension in a patient with non-cirrhotic portal hypertension. Being presented at CHEST conference, October 2013.

Supplemental Material/ Grand Rounds:

Update on Granulomatosis with Polyangitis (Wegener's Granulomatosis): Diagnosis and Therapy, Internal Medicine Grand Rounds, Saint Louis University, Feb. 2013

6th annual African-American Nurses' History Conference: Health disparities in Lupus patients, Invited speaker, Feb. 2013

Ophthalmology Grand Rounds: Ophthalmologic manifestations of vasculitis Sept. 2012

JA National Conference: Disease Specific Information: The Different Paths We Take Spondy/Periodic Fever (Roundtable Discussion), Invited speaker, July, 2012.

VA Internal Medicine Grand Rounds: Updates on Systemic Lupus Erythematosus, Invited speaker, Oct. 2011

4th Annual African American Nurses: Health Disparities and Mind Your Health Conference. Invited speaker: Systemic lupus erythematosus, Feb. 2011

3rd annual conference on African American Nursing: Unlocking the Past, Securing the Future. Invited speaker: Updates on systemic lupus erythematosus, Feb. 10

Grand Rounds at Mercy Hospital Washington, MO, invited speaker: Juvenile Idiopathic Arthritis Nov. 2010

Behind the Mask Educational Conference, Invited speaker: Living with Lupus May 2010

Internal Medicine Grand Rounds: Rheumatic Diseases in HIV, Sept. 2008

Community Service/Civic Activities:

Faculty Senate	2013-2016
Board member, Lupus Foundation of America-Heartland Chapter	2011-present
Behind the Mask: Annual patient education seminar LFA	2011-present
Secretary for the House Staff Organization, Hurley Medical Center	2003-2004
Volunteer physician worker for the Karachi Golden Jubilee Lions Club. Provided medical care to underprivileged and underdeveloped communities in Pakistan	1997-1998
Greenfield Family Inn Homeless Shelter. Provided voluntary childcare to underprivileged Individuals	1991-1992
Deerfield Fire Department, Volunteer firefighter	1991-1992