

Vidya Sivaraman, MD
(Maiden name: Vidya Raman)

CURRICULUM VITAE

PRESENT TITLE AND AFFILIATION

DUAL/JOINT APPOINTMENT:

2022- present	Associate Professor, Clinical Track Division of Rheumatology The Ohio State University and Nationwide Children's Hospital Columbus, OH
2014- 2022	Assistant Professor, Clinical Track Division of Rheumatology The Ohio State University and Nationwide Children's Hospital Columbus, OH

CITIZENSHIP AND VISA STATUS

U.S. Citizen

OFFICE ADDRESS

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Columbus, OH 43205
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Vidya.Sivaraman@nationwidechildrens.org

EDUCATION

UNDERGRADUATE EDUCATION

N/A - 6-year Medical school (see below)

GRADUATE EDUCATION

1988-1994	St. John's National Academy of Health Sciences, Bangalore, India (MD, graduated at the top of medical school class)
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POST-GRADUATE EDUCATION & TRAINING

1995-1998	Pediatric Residency, Maria Fareri Children's Hospital/ New York Medical College, Valhalla, NY
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1998 – 2001 Fellowship in Pediatric Rheumatology, Washington University in St. Louis, MO

ACADEMIC APPOINTMENTS

2019-present Quality Improvement Director, Division of Rheumatology, Nationwide Children's Hospital, Columbus, OH

2022-present Associate Program Director, Pediatric Rheumatology Fellowship, Nationwide Children's Hospital, Columbus, OH

2017- 2022 Program Director, Pediatric Rheumatology Fellowship, Nationwide Children's Hospital, Columbus, OH

2015 - 2017 Assistant Program Director, Pediatric Rheumatology Fellowship, Nationwide Children's Hospital, Columbus, OH

2014 - present Assistant Professor, Clinical Track, Division of Rheumatology, The Ohio State University and Nationwide Children's Hospital/ Pediatric Academic Associates, Columbus, OH

2011-2014 Assistant Professor, Louisiana State University (LSU), Shreveport, LA

STATE LICENSURE AND CERTIFICATIONS

LICENSURE

1998 - 2011 Missouri (inactive)

2011- 2014 Louisiana (inactive)

2014 - present Ohio (active)

CERTIFICATIONS

1998 American Board of Pediatrics, Recertified in 2005, 2015

2002 Sub-board Pediatric Rheumatology, Recertified in 2012

SUPPLEMENTAL PROFESSIONAL TRAINING

2020 Nationwide Children's Medical-Education Day

2019 10-hour "Communicate with Me" training course

2018-present Nationwide Children's Women in Medicine lectures and small group sessions

2016- present	American College of Rheumatology Program Director meetings for faculty development
2016	Nationwide Children's Quality Improvement Writing Course
2015	5-month Nationwide Children's Quality Improvement Essentials (QIE) Course
2014-present	Nationwide Children's faculty development lectures
2013	10-hour faculty development course: Fundamentals of Teaching and Learning, Louisiana State University, Shreveport, Louisiana

SERVICE

2014 – present	Pediatric Rheumatologist, Nationwide Children's Hospital, Columbus, OH
2011 – 2014	Pediatric Rheumatologist and Founding Section Chief, Louisiana State University (LSU), Shreveport, LA
2006 – 2011	Pediatrician and Pediatric Rheumatologist, Rainbow Pediatrics and Mercy Children's Hospital, St. Louis, MO
2002 – 2006	Pediatrician (J-1 visa waiver), Lincoln County Medical Center, Troy, MO

ACADEMIC ADMINISTRATIVE RESPONSIBILITIES

2019- present	Quality Improvement Director, Division of Rheumatology, Nationwide Children's Hospital, Columbus, OH
2017- present	Program Director, Rheumatology Fellowship, Nationwide Children's Hospital, Columbus, OH
2015 – present	Co-director of Rheumatology Curriculum, Host Defense Series for 2nd year Medical Students, The Ohio State University, Columbus, OH
2015- 2017	Assistant Program Director, Rheumatology Fellowship, Nationwide Children's Hospital, Columbus, OH
2012 – 2014	Member, Pediatric Residency Education Committee, Louisiana State University, Shreveport, LA
2012 – 2014	Member, Medical Student Pediatric Curriculum Committee, Louisiana State University, Shreveport, LA
2012 – 2013	Member, Institutional Review Board, Louisiana State University, Shreveport, LA
2011 – 2014	Founding Section Chief, Louisiana State University, Shreveport, LA

INSTITUTIONAL/LOCAL ACTIVITIES

2019 – present	Co-Chair, Rare Disease Day event, Nationwide Children’s Hospital
2016 – present	Member, Genomics Committee, Nationwide Children’s Hospital
2015 – present	Member, H11-B Quality Improvement Committee, Nationwide Children’s Hospital
2015 – present	Member, Graduate Medical Education Committee, Nationwide Children’s Hospital
2015 – present	Member, Graduate Medical Education Subspecialty Committee, Nationwide Children’s Hospital

REGIONAL ACTIVITIES

2020- present	Medical consultant, Scleroderma Foundation, Ohio Chapter
2018 – present	Volunteer, Scleroderma Foundation, Ohio Chapter
2015 – 2018	Member, Local Leadership Board, Arthritis Foundation (AF) Great Lakes Region
2015 – 2018	Chair, Juvenile Arthritis (JA) Committee, AF Great Lakes Region
2014 – 2015	Member, Mission Committee, AF Great Lakes Region
2011-2014	Volunteer, AF, Southern Region

NATIONAL ACTIVITIES

American College of Rheumatology (ACR):

2021- present:	Member, ACR Pediatric Committee
2022- present	Member, ACR Vaccination Voting panel

Childhood Arthritis and Rheumatology Research Alliance (CARRA):

2012-present	Member of the CARRA Localized Scleroderma Workgroup
2017- present	Mentee and mentor, AMIGO/ CARRA Mentoring Interest Group
2017-2019:	Member, Scientific Advisory Committee for CARRA Scleroderma Vasculitis, Autoinflammatory and Rare diseases (SVARD) Workgroup

2018- present: Workgroup leader, CARRA ANCA-Associated Vasculitis Study Group
 2021- present: Workgroup leader, CARRA Vaccination Workgroup

Arthritis Foundation

2015 - 2018 *Regional Chair, Juvenile Arthritis National Committee*
 2017- 2018 *Medical Chair, Arthritis Foundation National Committee*
 2018 *Invited speaker, JA National Conference*

Scleroderma Foundation

2018 – present Invited speaker, Kids Get Scleroderma 2 national conference

Other

2016 - 2018 Member of PR-COIN (Pediatric Rheumatology Care and Outcomes Initiative) Lupus Quality Improvement steering committee
 2022 Co-Chair, Vasculitis Foundation Patient Conference

HONORS AND AWARDS

1994 Pope Paul VI Award for Best Graduating Medical Student, St. John's National Academy of Health Sciences, Bangalore, India
 1998 Kazi Uzair Award for Best Graduating Resident, New York Medical College, Valhalla, NY
 2021 Teaching Fellows in Lupus Award: Lupus Foundation and American College of Rheumatology

ONGOING RESEARCH

IRB14-00328 Role: PI 12/1/2015- present

Study: Juvenile Localized Scleroderma Consensus Treatment Plan- Observational Extension

Funding Agency Childhood Arthritis and Rheumatology Research Alliance

IRB15-00635 Role: PI Ongoing

Chronic Childhood Vasculitis: Characterizing the Individual Rare Diseases to Improve Patient Outcomes

IRB17-01220 Role: PI 1/3/2018-present

The Prevalence and Clinical Features of Coexisting Autoimmunity in Children with Systemic Lupus Erythematosus: The Childhood Arthritis and Rheumatology Research Alliance (CARRA) Registry

IRB15-00712 Role: Co-investigator Ongoing

Observational Study of Pediatric Rheumatic Diseases: The CARRA Registry Funding Agency
Childhood Arthritis and Rheumatology Research Alliance

IRB15-00712	Role: Site PI	Ongoing
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Scleroderma Collaborative Research (SCORE): Pediatric-onset Localized Scleroderma and Systemic Sclerosis (a sub-study within Pro00054616: Observational Study of Pediatric Rheumatic Diseases: CARRA Registry)

IRB14-00544	Co-investigator	Ongoing
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The Major Histocompatibility Complex and Gene Copy Number Variations (CNVs) in Human Disease Associations

STUDY00002228	Co-investigator	12/26/21-present
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Omics Profiling of Immune Disorders

STUDY00000015	Co-investigator	2/15/19-present
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Peripheral samples from adult and pediatric patients with a suspected or confirmed PIDD or secID for creation of a repository

COMPLETED RESEARCH

IRB17-01168 Role: Co-investigator 12/5/2017- 11/19/19

A randomized, double-blind, placebo-controlled, multicenter, phase 3 efficacy and safety study of 2 dose levels of subcutaneous anakinra (Kineret®) in patients with Still's disease (SJIA and AOSD)

IRB17-01190	Role: Co-investigator	2/7/2018 - 2/6/2019
Immunogenicity of pneumococcal vaccination in patients with childhood onset systemic lupus erythematosus.		

IRB17-00018

Role: Co-investigator 12/21/2017 – 11/18/19

Study: Pneumococcal vaccination and nasopharyngeal pneumococcus colonization in patients with childhood onset systemic lupus erythematosus.

IRB18-00815	Role: Co-investigator	10/19/2018- 2019
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Impact of a health-system integrated specialty pharmacy on time to therapy for patients with juvenile idiopathic arthritis

IRB14-00012 Role: Co-investigator 4/15/14-3/24/17

Study of use of urinary biomarkers as measures of lupus nephritis activity and damage for children

659209

Role: PI

02/01/15-06/30/15

An open-label extension study of canakinumab (ACZ885) in patients with systemic juvenile idiopathic arthritis (SJIA) and active systemic manifestations

IRB14-0070

Role: PI

02/01/15-02/21/18

An open-label canakinumab (ACZ885) dose reduction or dose interval prolongation efficacy and safety study in patients with systemic juvenile idiopathic arthritis (SJIA)

IRB16-00628

Role: PI

Completed

Vitamin D status and bone markers in adults with systemic lupus erythematosus

PUBLICATIONS

ARTICLES IN PEER REVIEWED JOURNALS

1. **Raman V**, Rekha S, and Chandrasekhara MK. Effect of bathing on temperature of normal neonates. *Indian Pediatr.* 1996 Apr; 33(4):340.
2. Marcelino J, Carpten JD, Suwairi WM, **Raman V**, Warman ML, et al. CACP, encoding a secreted proteoglycan, is mutated in camptodactyly-arthropathy-coxa-vara-pericarditis syndrome. *Nature Genet.* 1999 Nov; 23(3):319-22.
3. **Raman V**, Kim J, Sharkey A, and Chatila T. Response of refractory Kawasaki disease to pulse steroid and cyclosporine A therapy. *Pediatr Infect Dis J.* 2001 Jun; 20(6):635-7.
4. **Raman V**, Blaeser F, Ho N, Engle DL, Williams CB, and Chatila TA. Requirement for Ca²⁺/calmodulin-dependent kinase type IV/Gr in setting the thymocyte selection threshold. *J Immunol.* 2001 Dec 1; 167(11):6270-8.
5. **Raman V**, Clary R, Siegrist KL, Zehnbauser B, and Chatila TA. Increased prevalence of mutations in the cystic fibrosis transmembrane conductance regulator in children with chronic rhinosinusitis. *Pediatrics.* 2002 Jan; 109(1).
6. Blaeser F, Bryce PJ, Ho N, **Raman V**, Dedeoglu F, Donaldson DD, Geha RS, Oettgen HC, and Chatila TA. Targeted inactivation of the IL-4 receptor alpha chain I4R motif promotes allergic airway inflammation. *J Exp Med.* 2003 Oct 20; 198(8):1189-200.
7. Kalava K*, Roberts C, Adair JD, and **Raman V**. Response of primary erythromelalgia to pregabalin therapy. *J Clin Rheumatol.* 2013 Aug; 19(5):284-5.
8. Wang S*, Habib S, Reisman L, and **Raman V**. Recurrent posterior reversible encephalopathy syndrome (PRES) in a child with microscopic polyangiitis. *J Clin Rheumatol.* 2015 Mar; 21(2):113-4.

9. Nahata L, **Sivaraman V**, Quinn GP. Fertility counseling and preservation practices in youth with lupus and vasculitis undergoing gonadotoxic therapy. *Fertil Steril*. 2016 Nov;106(6):1470-1474.
10. Abdul-Aziz R, Bout-Tabaku S, O'Donovan JC, **Sivaraman V** and Spencer CH. First case report of association of anti-N-methyl-D-aspartate receptor encephalitis and pneumatosis intestinalis. *Austin Critical care case reports*. 2017; 1(1): 1001.
11. Sarkissian A*, **Sivaraman V**, Bout-Tabaku S, Ardoin SP, Moore-Clingenpeel M, Mruk V, Steigelman H, Morris K, Bowden SA. Bone turnover markers in relation to vitamin D status and disease activity in adults with systemic lupus erythematosus. *Lupus*. 2018 Dec 3.
12. de Jesus AA, Hou Y, Brooks S, **Sivaraman V**, Canna SW, Goldbach-Mansky R et al. Distinct interferon signatures and cytokine patterns define additional systemic autoinflammatory diseases. *J Clin Invest*. 2019 Dec 24.
13. **Sivaraman V**, Wise KA, Cotton W, Barbar-Smiley F, AlAhmed O, MacDonald D, Lemle S, Yildirim-Toruner C, Ardoin SP, Ardura MI. Previsit planning improves pneumococcal vaccination rates in childhood-onset SLE. *Pediatrics*. 2020 Jan;145(1).
14. AlAhmed O*, **Sivaraman V**, Moore-Clingenpeel M, Ardoin SP, Bout-Tabaku S, for the CARRA registry investigators. Autoimmune thyroid diseases, autoimmune hepatitis, celiac disease and type 1 diabetes mellitus in pediatric systemic lupus erythematosus: Results from the CARRA Legacy Registry. *Lupus*. 2020 Dec;29(14):1926-1936.
15. AlAhmed O*, Way A, Akoghlanian S, Barbar-Smiley F, Lemle S, MacDonald D, Wise K, Ardoin SP, **Sivaraman V**. Improving eye screening practice among pediatric rheumatology patients receiving hydroxychloroquine. *Lupus*. 2020 Dec 13;961203320979038.
16. Morishita KM, Wagner-Weiner L, Yen E, **Sivaraman V**, James KE Gerstbacher D, Szymanski A, O'Neil KM and Cabral DA, for the CARRA ANCA-Associated Vasculitis Workgroup. Childhood arthritis and rheumatology research alliance consensus treatment plans for severe pediatric ANCA-associated vasculitis. *Arthritis Care Res (Hoboken)*. 2021 Mar 6.
17. Mulvihill E, Furru, R, Goldstein-Leever A, Driest K, Lemle S, MacDonald D, Frost E, **Sivaraman V**. Increasing rates of formal depression screening in children with childhood-onset lupus. *Pediatr Rheumatol Online J*. 2021 Aug 3;19(1):116.
18. Lemus R, Milks K, Stilphen C, Barson W, Sivaraman V. When All Is Not as It Seems: Recurrent Fever and New-onset Joint Pain in a 17-Month-old Girl. *Pediatr Infect Dis J*. 2022 Aug 1;41(8):681-682. Epub 2022 Jul 13. *Pediatr Infect Dis J*. PMID: 35839176.
19. A. Chen, C. Mammen, J. Guzman, **V. Sivaraman**, D.A. Cabral, K.A. Morishita, et al. Wide variation in glucocorticoid dosing in paediatric ANCA-associated vasculitis with renal disease: a paediatric vasculitis initiative study. *Clin Exp Rheumatol*. 2022 Apr 1. doi: 10.55563/clinexprheumatol/iol4k2. Online ahead of print.
20. Lecerf K, Koboldt DC, Kuehn HS, Jayaraman V, Lee K, Mihalic Mosher T, Yonkof JR, Mori M, Hickey SE, Franklin S, Drew J, Akoghlanian S, **Sivaraman V**, Rosenzweig SD, Wilson RK, Abraham RS. Case report and review of the literature: Immune dysregulation in a large

familial cohort due to a novel pathogenic RELA Variant. *Rheumatology* (Oxford). 2022 Apr 12; keac227. doi: 10.1093/rheumatology/keac227.

21. Sarkissian A, Oberle E, Al Ahmed O, Piccinich D, Barbar-Smiley F, Zak H, Sivaraman V. Improving vitamin D screening in a pediatric rheumatology clinic using structured quality improvement process. *In press, Pediatric Quality and Safety. August 2022*

ABSTRACTS

Poster presentations:

1. **Raman V**, Blaeser F, Ho N, Engle DL, Williams CB, and Chatila TA. Requirement for Ca²⁺/calmodulin-dependent kinase type IV/Gr in setting the thymocyte selection threshold, ACR Annual meeting 2000.
2. **Raman V**, Hollister M, Umer S, Habib S, Mandava M, McClure G, Vanchiere J, and Casillas A. Polyomavirus excretion in children with rheumatic diseases on immunosuppressive therapy. PRSYM March 2014.
3. **Raman V**. Polyoma virus excretion in immunocompromised patients. American Academy of Allergy, Asthma, and Immunology Meeting: San Antonio, TX; Feb 2013.
4. **Raman V**. Infantile Henoch Schonlein Purpura. Southern Regional Meeting, New Orleans, LA; Feb 2013.
5. **Raman V**. All that hurts is not arthritis. Southern Regional Meeting, New Orleans, LA; Feb 2014.
6. **Raman V**. Arthritis Mutilans in a teenage girl from Panama. American College of Rheumatology Annual Meeting: Boston, MA; Nov 2014.
7. Jensen PT*, Young C, Adler B and **Sivaraman V**. The Return of a Forgotten Foe. Winning abstract in Thieves' market at Ohio Association of Rheumatology meeting, July 2015
8. McLain EJ, Jensen P, Springer T, Cohen B, Gallagher C, Bout-Tabaku S, **Raman V**, Morgan-Followell B, Yildirim-Toruner C, Joshi S. Therapeutic Plasma Exchange in Children with Autoimmune Encephalitis. Abstract presentations from the AABB Annual Meeting in Anaheim, CA, October 24-27, 2015. *Transfusion*, 55: 103A-104A.
9. Mulvihill E, Aljasser A, Baker P, Druhan S, Grischkan JM, **Sivaraman V**. When all is not as it seems- A case of Chronic Recurrent Multifocal Osteomyelitis. Winning abstract in Thieves' market at Ohio Association of Rheumatology meeting, Aug 2016
10. Nahata L, **Sivaraman V**, Quinn GP. Fertility Counseling and Preservation Practices in Youth with Lupus and Vasculitis Undergoing Gonadotoxic Therapy, Poster presented at Oncofertility Consortium Meeting in Chicago, IL, Nov 2, 2016.
11. Wise K, Barbar-Smiley F, Ardura M, Cotton W, Mulvihill E, Al Ahmed O, MacDonald D, Lemle S, Yildirim-Toruner C, **Sivaraman V**. Pre-visit Planning Improves Pneumococcal

Vaccination in Patients with Childhood-onset Systemic Lupus Erythematosus. ACR/ARHP Annual Meeting in San Diego, CA; Nov 2017.

12. Sarkissian A, **Sivaraman V**, Bout-Tabaku S, Ardoin SP, Moore-Clingenpeel M, Steigelman H, Morris K, Bowden SA. Bone Turnover Markers in adults with Systemic Lupus erythematosus. ACR/ARHP Annual Meeting in San Diego, CA; Nov 2017.
13. Hilbert M, Wise K, Barbar-Smiley F, Driest K, Yildirim-Toruner C, **Sivaraman V**, Berlan E. Contraceptive counseling in adolescent females on methotrexate therapy for rheumatic diseases. American Society of Health-System Pharmacists. Dec 2017.
14. Sarkissian, A, Oberle, E, AlAhmed O, Piccinich D, Barbar-Smiley F, Zak, H, **Sivaraman V**. Improving Vitamin D Screening in the Pediatric Rheumatology Clinic using Lean Six Sigma Methodology, PAS April 2018
15. Berlan E, Hilbert M, Wise K, Driest K, **Sivaraman V**, Yildirim-Toruner C, Barbar-Smiley. Reproductive Health risk counseling in adolescent and young adult women on methotrexate therapy for rheumatic diseases. NASPAG 2018.
16. **Sivaraman V**, Torok KS, Moore-Clingenpeel M, Dedeoglu F, Ferguson P, Pope E, Mason TG II, Becker ML, Higgins G, Rabinovich CE, Hong S, Ibarra M, Laxer RM, Fuhlbrigge R, Stewart K, Punaro M, Li S. Impact of Juvenile Localized Scleroderma on Longitudinal Quality of Life [abstract]. Arthritis Rheumatology. 2018; 70 (suppl 10). ACR Annual Meeting, October, 2018.
17. AlAhmed O, **Sivaraman V**, Moore-Clingenpeel M, Ardoin SP, Bout-Tabaku S. The Prevalence and Clinical Features of co-occurring Autoimmunity in Children with Systemic Lupus Erythematosus: The Childhood Arthritis and Rheumatology Research Alliance (CARRA) Legacy Registry. ACR Annual Meeting, October 2018.
18. Szybist P, Toruner C; **Sivaraman V**, Wise K, Baron K; Lewis, D. Impact of a health-system integrated specialty pharmacy on time to therapy for patients with juvenile idiopathic arthritis, American Pharmacists Association (APhA) Annual Meeting & Exposition, March 2019 in Seattle.
19. Furru R, **Sivaraman V**, Ardoin SP, et al. Implementation of Six Core Elements of Health Care Transition in a Pediatric Rheumatology Practice CARRA Annual Meeting 2019.
20. Wise, **Sivaraman V**, Barbar-Smiley, et al. Improvement of Teratogenic Medication Risk Counseling in Adolescent Females in a Rheumatology Clinic Setting. CARRA Annual meeting, 2019.
21. Al Ahmed*, Lemle, Way, **Sivaraman V**, et al. Improving Eye Screening Among Pediatric Rheumatology Patients Receiving Hydroxychloroquine. CARRA Annual Meeting 2019.
22. Yen E, Cabral D, **Sivaraman V**, Wagner-Weiner, et al. Pediatric ANCA-Associated Vasculitis (Ped-AAV): Developing Consensus Derived Treatment Protocols (CTPs) For Pragmatic Registry-Based Comparative Evaluation. CARRA Annual Meeting 2019

23. AlAhmed O*, Way A, Akoghlanian S, Barbar-Smiley F, Lemle S, MacDonald D, Wise K, Ardoin SP, **Sivaraman V**. Improving Eye Screening Among Pediatric Rheumatology Patients Receiving Hydroxychloroquine. ACR Annual Meeting, Nov 2019.
24. Yen E, Cabral D, **Sivaraman V**, Wagner-Weiner, et al. Childhood Arthritis and Rheumatology Research Alliance (CARRA) development of Consensus Treatment Plans for Severe “life- or organ-threatening” ANCA-associated Vasculitis – final CARRA-wide consensus. Accepted for PRSYM 2020, cancelled due to COVID-19.
25. Ballenger L*, Dillon H, Shaw J, Lemle S, Driest K, **Sivaraman V**. Improving Hospital Discharge Instructions in Rheumatology patients. Accepted for PRSYM 2020, cancelled due to COVID-19.
26. Wilson C, Goldstein-Leever A, Cass J, **Sivaraman V**, Ardoin S. Implementation of an Abbreviated Neuropsychology Screening Protocol for Patients Diagnosed with Childhood-onset Systemic Lupus Erythematosus. Accepted for PRSYM 2020, cancelled due to COVID-19.
27. Barbar-Smiley F, Ardoin S, Yu, Mruk V, Toruner C, **Sivaraman V**, Drew J, Meara A, Mejias Asuncion, Ramilo O. Nasopharyngeal Pneumococcus Colonization in Patients with Childhood Onset Systemic Lupus Erythematosus (cSLE) Compared to Healthy Controls
28. Patel A, Pope E, Mason T, **Sivaraman V**, Dedeoglu F. Torok K, Stewart K, Higgins G, Rabinovich E, Fuhlbrigge R, Ibarra M, Hong S, Ferguson P, Becker M, Feldman B, Laxer R, Hernandez Vazquez J, Li S. Capturing the Range of Disease Involvement in Localized Scleroderma: The Total Morbidity Score. ACR Convergence Virtual Annual Meeting, Nov 2020.
29. Mruk V*, Wise K, Wise, Ardoin SP, Oberle E, Lemle S, **Sivaraman V**, Driest, K, Berlan E, Toruner CY, Maher J, Jones S, Barbar-Smiley F. Improving Teratogenic Medication Consent and Sexual Activity Screening in Adolescent and Young Females: A Pediatric Rheumatology Reproductive Health Initiative. ACR Convergence Virtual Annual Meeting, Nov 2020.
30. Barbar-Smiley F, Zhou D, Drew, J, Zhou B, Toruner CY, **Sivaraman V**, Jarjour W, Ardoin SP, Yu C. Low Copy Number of Long C4 Genes Is a Genetic Risk Factor for Childhood Onset SLE (cSLE) but Is Associated with Higher Age of Disease Onset. ACR Convergence Virtual Annual Meeting, Nov 2020.
31. Lecerf K, Kuehn H, Yonkof JR, Koboldt D, Hickey S, Akoghlanian S, **Sivaraman V**, Rosenzweig DS and Abraham RS. Immune Dysregulation with Mucocutaneous Ulceration In A Large Cohort Due To A Novel Pathogenic RELA Variant. Clinical Immun Soc Meeting. Apr 2021.
32. Sivaraman V, Wise K, Boyle B, Ardura MI. Identifying Barriers to Vaccination in Immunocompromised Children. Pediatric Rheumatology European Society Congress. September 2021.
33. Bacha C, Rossiter S, Gallup J, Hughes JL, Driest K, Dolce M and **Sivaraman V**. Utilizing an Electronic Health Record Screening Tool to Assess Social Needs. CARRA ASM, April 2022.

34. Ashe B, Zhou D, Coss S, **Sivaraman V**, Ardoin SP, Saynal A, Werner G, Branton S, Yu CY, and Torok K. Complement C4 Gene Copy Number Variations in Pediatric Localized and Systemic Scleroderma. CARRA ASM, April 2022.
35. Stubbs LA, Ferry A, Loccke C, Wade EM, Pour P, Ardalan K, Chira P, Moore K, **Sivaraman V**, Torok KS, Li S, et al. Barriers to Care in Juvenile Localized and Systemic Scleroderma. CARRA ASM, April 2022.
36. Coss S, Abdul Aziz R, Zhou D, Zhou B, Miller KE, Wu YL, Ardoin SP, Oberle E, Driest K, Akoghlanian S, **Sivaraman V**, Chack-Yung Yu et al. Complement C4 gene copy number variations and polymorphisms, autoantibodies, and clinical manifestations of juvenile dermatomyositis– a multi-center study. CARRA ASM, April 2022.

Oral presentations at regional/ national meetings:

1. **Raman V**, Clary R, Siegrist KL, Zehnbauser B, and Chatila TA. Increased prevalence of mutations in the cystic fibrosis transmembrane conductance regulator in children with chronic rhinosinusitis. Oral presentation, AAAAI meeting, 2002
2. Wise K, Lewis D, **Sivaraman V**, Thomas B, Jones K, Lemle S, MacDonald D, Barbar-Smiley F, Yildirim-Toruner C. Impact of an Institutional Specialty Pharmacy on Adherence to Biologic Therapies. Oral presentation, Pediatric Rheumatology Symposium, May 2017.
3. Yildirim-Toruner C, AlAhmed O, Barbar-Smiley F, Jones K, Kohlheim M, Lemle S, MacDonald D, Mulvihill E, Oberle E, Sarkissian A, **Sivaraman V**, Thomas B, Wise K and Ardoin SP. Improving Clinically Inactive Disease in Patients with Juvenile Idiopathic Arthritis- a Quaternary Center Experience. Oral presentation, ACR Annual meeting, October 2018.
4. Furru R, Mulvihill E, **Sivaraman V**, Goldstein-Leever. Formal Depression Screening in Pediatric Rheumatology Patients with Systemic Lupus Erythematosus: A Quality Improvement Process Review. Oral presentation, CARRA Annual Meeting 2019.
5. Lloyd A*, Ardura MI, Boyle B, **Sivaraman V**. Barriers to Vaccination in Immunocompromised Children Oral presentation, PAS Annual Meeting 2019.
6. **Sivaraman V**, Bley E, Dawson Z, Wise K, Lemle S, Ardura MI, et al. Improvement in Hepatitis B Screening Prior to Initiation of Biologic Therapy in the Pediatric Rheumatology Clinic. Oral presentation, ACR Annual Meeting, Nov 2019.
7. Barbar-Smiley F, Lemle S, Yildirim-Toruner C, Oberle E, McDonald D, **Sivaraman V**, Ardoin SP. Improving Lupus Care Index Documentation in Patients with Childhood-Onset Systemic Lupus Erythematosus (cSLE). ACR Annual Meeting, Nov 2019.
8. Li, S, Patel A, Pope E, Thomas M, **Sivaraman V**, Dedeoglu F, Torok K, Stewart K, Higgins G, Rabinovich E, Fuhlbrigge R, Ibarra M, Hong S, Ferguson P, Becker M, Feldman B, Laxer R, Patino T. Capturing the Range of Disease Involvement in Localized Scleroderma: The Total Morbidity Score. Accepted for oral presentation PRSYM 2020, cancelled due to COVID-19

Other citations/ acknowledgements:

1. Juvenile Spondyloarthritis in the CARRA Registry: High Biologic Use, Low Prevalence of HLA-B27, and Equal Sex Representation in Sacroiliitis. Rumsey DG, Lougee A, Matsouaka R, Collier DH, Schanberg LE, Schenfeld J, Shiff NJ, Stoll ML, Stryker S, Weiss PF, Beukelman T; CARRA Registry Investigators. Arthritis Care Res (Hoboken). 2020 Dec 16. doi: 10.1002/acr.24537.

2. The Down syndrome-associated arthritis Cohort in the new Childhood Arthritis and Rheumatology Research Alliance (CARRA) Registry: Clinical Characteristics, Treatment and Outcomes. Jones JT, Smith C, Becker ML, Lovell D; CARRA Registry Investigators. Arthritis Care Res (Hoboken). 2020 Aug 16. doi: 10.1002/acr.24418.

BOOK CHAPTERS

1. Mayeaux EJ and Raman, V. Scleroderma and Morphea. In: The Color Atlas of Pediatrics: McGraw-Hill New York; 2014.
2. Mayeaux EJ and Raman, V. Lupus Systemic and Cutaneous. In: The Color Atlas of Pediatrics: McGraw-Hill New York; 2014.
3. Sivaraman V, Fels E and Ardoin SP. Vasculitis Syndromes. In: Nelson Textbook of Pediatrics: Elsevier; 2019

MANUALS AND TEACHING AIDS

1. 2012: Crossword puzzle quiz for childhood vasculitis
2. 2012- present: Immunology pre- and post-test for adult and pediatric rheumatology fellows
3. 2014- Jeopardy-style board review for pediatric residents
4. 2016- Localized scleroderma scoring atlas: Research tool for CARRA localized scleroderma group
5. 2016- Localized Scleroderma Atlas, co-author: CARRA rare disease group
6. 2017- Teaching tool for children about bones and joints in JIA for JA national conference
7. 2017- present: Crossword puzzle on rheumatology medications
8. 2020- present: Immunology case-based matching quiz for fellows for board review

EDITORIALS AND REVIEW ACTIVITIES

JOURNAL REVIEWER

Arthritis Care and Research: Oct 2016- present

Pediatric Rheumatology Online Journal: 2017-present

TEACHING

COURSES TAUGHT

2012 – 2014 Course Director: Immunology lecture series for adult rheumatology fellows
Louisiana State University- Shreveport, Shreveport, Louisiana

2012 – 2014	Course Director: Fourth year medical student pediatric rheumatology elective, Louisiana State University, Shreveport, Louisiana
2015 – present	Co-Director for Rheumatology: Host defense series, The Ohio State University

EDUCATION LEADERSHIP ROLES

2012 – 2014	Course Director: Immunology lecture series for adult rheumatology fellows Louisiana State University, Shreveport
2012 – 2014	Course Director: Fourth year medical student pediatric rheumatology elective, Louisiana State University, Shreveport.
2015 – present	Co-director, Rheumatology curriculum, host defense series, The Ohio State University
2015 – 2017	Assistant Fellowship Director, Pediatric rheumatology fellowship, Nationwide Children’s Hospital
2015- 2017	Chair, Rheumatology Guest lecture series, Nationwide Children’s Hospital
2015- 2016	Chair, PENTA regional rheumatology conference.
2017- present	Fellowship Director, Pediatric rheumatology fellowship, Nationwide Children’s Hospital

OTHER EDUCATIONAL PROGRAMS

2015- present	Developed immunology lecture series with basic and clinical immunology and test questions for rheumatology fellows, Nationwide Children’s Hospital
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LECTURES/PRESENTATIONS

Invited presentations:

National/International

2013	“Evaluation of the Child with Recurrent Infections”, Panel discussion and presentation, St. John’s National Academy of Health Sciences, Bangalore, India
2016	“Contract Negotiation”, CARRA fellows meeting
2017	“Duty Hour Changes for Fellows”, Pediatric rheumatology program directors’ meeting
2018	“QI Education for Fellows”, Pediatric rheumatology program directors’ meeting

2021 Update on Childhood Vasculitis: ViP ACR Pediatric Rheumatology Fellow lecture series

Local/Regional

2011 “JIA Update for Nurses”, Shriner’s Hospital for Children, Shreveport, Louisiana

2012 “Systemic JIA”, Cassady conference, Shriner’s Hospital for Children, Shreveport, Louisiana

2013 “Systemic Lupus Erythematosus - The Journey through Childhood and Beyond”, Pediatric grand rounds, Louisiana State University, Shreveport

2014 “Kawasaki Disease”, Rheumatology grand rounds, The Ohio State University

2015 “Henoch Schonlein Purpura”, Rheumatology grand rounds, The Ohio State University

2016 “Pediatric Rheumatology Update”, Pediatric grand rounds, Genesis Hospital, Zanesville, OH

2017- present “Pediatric Scleroderma”, Host defense series, The Ohio State University

2018 “Localized scleroderma”, Rheumatology grand rounds, The Ohio State University

2018- present “Dermatologic Manifestations of Rheumatic Diseases”, Dermatology residents, Nationwide Children’s Hospital/ The Ohio State University

2020 “Localized Scleroderma: Lessons Learned from a Rare Disease”, Rheumatology grand rounds, The Ohio State University

2020- present “Henoch Schonlein Purpura, Kawasaki Disease and other Vasculitides”, Host defense series lecture, The Ohio State University

2021 Localized scleroderma and biologics update: Grand rounds, Ohio Health Riverside Methodist Dermatology program

Institutional

Nationwide Children’s Hospital

1998-1999 Rheumatology grand rounds for adult and pediatric rheumatologists, Washington University in St. Louis, St. Louis, MO

2012-2014	Third year medical student lectures and subspecialty rounds, Louisiana State University, Shreveport
2012-2014	First year medical student musculoskeletal course, Louisiana State University, Shreveport
2012	“Evaluation of the Child with Joint Pain”, Orthopedics residency program, Louisiana State University, Shreveport
2013	“Evaluation of the Child with Joint Pain”, Family medicine program, Louisiana State University, Shreveport
2013	“Cytokines and Biologic Therapies”, Lecture for allergy/ immunology fellows, Louisiana State University, Shreveport
2013	“Juvenile Idiopathic Arthritis Update for Physical Therapy Students”, Louisiana State University, Shreveport
2013	“Pathophysiology of Lupus”, Graduate students in physiology, Louisiana State University, Shreveport
2014- present	Rheumatology teaching sessions for residents on rheumatology service Nationwide Children’s Hospital
2015	“Rheumatologic Emergencies”, Lecture for emergency medicine division, Nationwide Children’s Hospital
2015	“Juvenile Idiopathic Arthritis”, Lecture for pediatric residents, Nationwide Children’s Hospital
2016- present	Immunology lectures for rheumatology fellows- 3 parts, Nationwide Children’s Hospital
2016 -present	“Pediatric Scleroderma”, Rheumatology fellows, Nationwide Children’s Hospital
2017	“Chronic Pain in Children: A Rheumatologist’s Perspective”, lecture for Anesthesia/ Pain department, Nationwide Children’s Hospital
2018	“Childhood Vasculitis”, Pediatric residents, Nationwide Children’s Hospital
2018- present	“Spondyloarthropathies”, Sports medicine lecture, Nationwide Children’s Hospital
2020-present	“Non-rheumatic Causes of Musculoskeletal Pain”, Rheumatology fellows, Nationwide Children’s Hospital
2020	“Childhood Vasculitis Lecture”, Pediatric residents, Nationwide Children’s Hospital

2020-present	“Amplified Musculoskeletal Pain in Children”, Rheumatology fellows, Nationwide Children’s Hospital
2021	Rare diseases in Pediatric Rheumatology: Hospital Pediatrics Grand Rounds

Lay presentations:

2017	“Juvenile Idiopathic Arthritis Update for Families”, Arthritis Foundation Family Day
2017	“Immunizations in Lupus”, Lupus Family Day
2017	“Bones and Joints in Arthritis”, Interactive presentation for children with JIA and their siblings, JA national conference
2018	“How the Body Works”, Kids Get Scleroderma 2 National Conference
2018	“How to Talk to Others About My Scleroderma”, Kids Get Scleroderma 2 National Conference
2019	“Update on FDA Approval for New Medications in Rheumatology”, Rare disease day, Nationwide Children’s Hospital
2020	“Research in Rare diseases in Rheumatology”, Rare disease day, Nationwide Children’s Hospital
2021	“Transition in Childhood Scleroderma”: Kids Get Scleroderma Too Virtual National conference

DIRECT SUPERVISION

International Scholars:

2017	Ezgi Deniz Batu Akal, MD, MSc, Pediatric rheumatologist from Ankara Training and Research Hospital, Ankara, Turkey, Nationwide Children’s International Scholars Program
2020	Vinson James, MD: Pediatrician from Kerala, India approved for Nationwide Children’s International Scholars Program, cancelled due to the COVID-19 pandemic.

Graduate Students

2019: Trisha Patel, OT student, mentor for graduate thesis, “Role of an OT in a Pediatric Rheumatology Clinic”

Clinical Residents and Fellows

2014-2015	Kyla Driest, MD MEd, Rheumatology fellow, Nationwide Children’s Hospital
2014-2016	Rabheh Abdul-Aziz MD, Rheumatology fellow, Nationwide Children’s Hospital

2014-2018	Paul Jensen MD MPH, Adult and pediatric rheumatology fellow, Nationwide Children's Hospital
2015-2018	Aliese Sarkissian MD MBOE, Rheumatology fellow, Nationwide Children's Hospital
2017-present	Veronica Mruk MD, Adult and pediatric rheumatology fellow, Nationwide Children's Hospital
2017-2020	Laura Ballenger MD RhMSUS, Rheumatology fellow, Nationwide Children's Hospital
2016-2019	Evan Mulvihill MD MPH, Rheumatology fellow, Nationwide Children's Hospital
2016- 2020	Ohoud Al-Ahmed MD, Rheumatology fellow, Nationwide Children's Hospital
2018-2019	Audrey Lloyd MD, Medicine-pediatrics resident
2019-present	Christine Bacha MD, Rheumatology fellow, Nationwide Children's Hospital
2020- present	Samuel Gagne MD, Rheumatology fellow, Nationwide Children's Hospital
2020- present	Meghan Ryan, DO, Rheumatology fellow, University of Minnesota, AMIGO mentee
2021-present	Alison Brittain, DO PhD, Pediatric resident, NCH
2021- present	Jessica Bloom MD, Junior faculty, at Colorado Children's Hospital, ANCA-associated vasculitis workgroup mentee January
2021- present	Beth Rutstein MD, Junior faculty, Children's Hospital of Philadelphia, CARRA Vaccination workgroup mentee
2021- present	Julia Shalen, Junior faculty, John's Hopkins University, CARRA Vaccination workgroup mentee

Medical Students

2015	Danny Yanes, OSU medical student
2018	Daniel Chavarin, OSU medical student
2013 – 2015	Stephanie Wang, (medical student) LSU- Shreveport

CONFERENCES AND SYMPOSIA

2012	Co-Chair, Cassidy conference, Shriner's Hospital for Children, Shreveport, LA
2010-present	Attendee, American College of Rheumatology annual meeting
2011- present	Attendee, Childhood Arthritis and Rheumatology Research Alliance (CARRA) annual meeting
2014-present	Attendee, Pediatric Rheumatology Symposium (PRSYM)
2015-2018	Co-chair, PENTA, Regional pediatric rheumatology conference
2019-present	Chair, Rare Disease Day patient conference, NCH

2022 Co-Chair, Vasculitis Foundation Patient Virtual Conference

LOCAL/REGIONAL DISTINGUISHED ACTIVITIES

2012-2013 Physician Leader, Juvenile Arthritis Family Day
2013-2014 Physician Moderator, Jambalaya Jubilee: Annual 3-Day JA family camp
2015-2018 Member, local leadership board, Arthritis Foundation, Central Ohio Chapter
2015-2018 Member and Chair, JA Committee, Arthritis Foundation, Central Ohio Chapter
2020-present Medical Consultant, Scleroderma Foundation, Ohio Chapter

NATIONAL/INTERNATIONAL DISTINGUISHED ACTIVITIES

2013 Invited speaker: "Evaluation of the Child with Recurrent Infections". Pediatric symposium, St. John's Medical College, Bangalore, India.
2020-present Scleroderma Foundation website update group
2019-present Vasculitis Foundations website update group
2022 Vasculitis Foundation Update on Pediatric Vasculitis
2022 Vasculitis Foundation Living with Vasculitis: Transition to adult care
2022 Moderator: Breakout room for teens and young adults with Vasculitis

PROFESSIONAL MEMBERSHIPS AND ACTIVITIES

2005-present Fellow and member of rheumatology subsection of American Academy of Pediatrics
2011-present Member, American College of Rheumatology
2011-present Member, Childhood Arthritis and Rheumatology Research Alliance
2015-2018 Member, local leadership board, Arthritis Foundation, Great Lakes Region
2020-present Medical consultant, Scleroderma Foundation, Central Ohio Chapter

I have reviewed the curriculum vitae for completeness and accuracy and agree with its content.

Signature _____

Date _____