7/24//2021

Ruma Srivastava

CURRICULUM VITAE

BIOGRAPHICAL

NAME: Ruma Srivastava

BUSINESS ADDRESS:
Children's Hospital of Michigan
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EDUCATION AND TRAINING

UNDERGRADUATE

1995-1997	Jawaharlal Nehru Medical College, Belgaum, Karnataka, India	Pre-clinical Medicine, ("1ST MB")	Pre-Clinical Medicine
1997-1999	Jawaharlal Nehru Medical College, Belgaum, Karnataka, India	M.B.B.S	Clinical Medicine

POSTGRADUATE

Dates	Name & Location of Institution	Grade	Name of Program Director/Supervisor & Discipline
7/1999-10/1999	District Hospital, Belgaum, Karnataka, India	House Officer	Rural posting
12/1999-1/2000	Northern Railway Central Hospital, New Delhi, India	House Officer	Rotating Internship
1/2000-9/2000	Safdarjang Hospital, New Delhi, India	House Officer	Rotating Internship
9/2001-4/2002	All India Institute of Medical Sciences (A.I.I.M.S), New Delhi, India	Senior Research Fellow	Department of Gastroenterology, Dr. M.P. Sharma
08/2003-08/2006	University of Texas Medical Branch, Galveston, Texas, USA	Resident	Department of Pediatrics, Dr. Jose Gonzalez
09/2006-08/2009	Children's Hospital of Pittsburgh, UPMC, Pittsburgh, Pennsylvania, USA	Fellow	Division of Pediatric Pulmonology, Dr. Geoffrey Kurland

WORK EXPERIENCE

Pediatric Pulmonologist, Children's Hospital of Michigan (University Pediatricians)	Start date: 11/30/2009

MEMBERSHIPS in PROFESSIONAL and SCIENTIFIC SOCIETIES

Medical Council of India	1999
American Academy of Pediatrics	2005
American Thoracic Society	2008

HONORS

Award of Distinction for Outstanding Resident Scholarly Project for "*S.aureus* Colonization and Intervention in Children with Skin and Soft Tissue Infections"	4/13/2006
Certificate of Excellence for the Resident Section Electronic Poster Exhibit Contest by the Texas Pediatric Society	9/16/2006

Hour Detroit Magazine "Top Doctor": 2018, 2019, 2020, 2021

PRESENTATIONS

Srivastava, Ruma and Hauck Nicole; *S.aureus* Colonization and Intervention in Children with Skin and Soft Tissue Infections (oral presentation at the Resident Scholarly Project Presentation Forum, University of Texas Medical Branch, Galveston, TX, 2006)

The following presentations were made at the Children's Hospital of Michigan:

"Complicated Pneumonias in Children": presentation to the Emergency Department fellows, 03/10/2010 and on 04/01/2014

"Pulmonary function testing": presentation to the pediatric residents as part of the board review series, 05/10/2010

"Pulmonary function testing in children": presentation to the Allergy/Immunology division, 06/17/2010

"Adherence to treatment in cystic fibrosis": presentation to families of patients with cystic fibrosis, 09/30/2010

“Chronic lung disease of infancy”: 1/25/2011

“Chronic cough in children”: presentation to the pediatrics residents as part of their board review series, 04/12/2011

“Primary Ciliary Dyskinesia”: presentation to the ENT division, 11/16/2011

"Pulmonary Board Review": presentation to the pediatrics residents as part of their board review series, 4/14/2016, 4/18/2017, 4/17/18, 4/8/21

"Our experience with chILD at Children’s Hospital of Michigan": presentation to the national cHILDRN network via teleconference: 10/5/17

"Pneumonia and Bronchiolitis in children": presentation to the pediatric residents as part of their noon lecture series: 11/14/17

“Pulmonary workup of patients in the Aerodigestive clinic”: Talk at Children’s Hospital of Michigan Saturday Lecture Series – Aerodigestive Disorders: 2/10/18

“Pediatric Pulmonology in a nutshell”: Talk to the WSU PA students: 2/14/18, 2/13/19, 2/19/20, 2/11/21

Presenter at the Pediatric Grand Rounds; topic: “Multidisciplinary care of complex pediatric Aerodigestive patients” 3/8/19

Presenter at the ENT grand rounds, topic: “Primary Ciliary Dyskinesia: a diagnostic dilemma” 6/19/19

Presenter at the Anesthesia Didactic session: Perioperative considerations in the Aerodigestive patient” 7/24/19

Presenter: (Webinar) Oxygenation/Medical Equipment Training For Make-A-Wish 2/13/20
Presenter at Pediatrics noon conference: “Cystic fibrosis: an amazing journey”: 11/4/20

Presenter (as part of the Aerodigestive team) at Hurley Pediatrics Residents Didactics: “Multidisciplinary approach to Failure to Thrive” 3/19/21

“Pulmonary function testing in children”: presentation to the Allergy/Immunology division, 07/23/21

ABSTRACTS

Priyanka Kanth, **Ruma Srivastava**, P. C. Kashyap, Abha Saxena, Kaushal Madan, Vikram Bhatia, M. P. Sharma, “A randomized trial comparing the compound Amlant with ranitidine in patients with Non-Ulcer Dyspepsia” Indian Journal of Gastroenterology (2003) 22 (Supplement 1) A18

P. C. Kashyap, V. Ahuja, **R. Srivastava**, C. S. Bal, S. Dutta Gupta, B. K. Das, M. P. Sharma, " Urease based tests are definitely inferior as compared to non urease based tests in determining H. pylori status following eradication therapy." Indian Journal of Gastroenterology (2002) 21(supplement 1), A30

R. Srivastava, MD, J. Kristoff, MS, K. Norris, PhD, J. Kolls, MD and A. Morris, MD,MS, "Real-time PCR for detection of *Pneumocystis*" (poster presentation at ATS 2008)

R Srivastava, MD, K Norris, PhD, J Kolls, MD, T Hartert, MD and A Morris, MD, MS "Detection of *Pneumocystis* colonization in infants with bronchiolitis" (Poster presentation at ATS 2009)

Steven R Engebretsen, DO, Luxman Srikantha, DO, Kristen Cares, MD, **Ruma Srivastava, MD**, Nathan Gonik, MD: "Worsening Eosinophilic Bronchitis in a Child with Treated Eosinophilic Esophagitis" (Poster presentation at the Aerodigestive Conference 2019)

SERVICE

Educator, Community Health Fair Asthma screenings and family education Beltzhoover Community Pittsburgh, PA	2008
Educator, Asthma Open House Dickson Elementary School, Pittsburgh, PA	2008
Care provider, Asthma Caremobile Underserved School Districts of Pittsburgh, PA	2007, 2008
Participation in multiple fund-raising events for cystic fibrosis	2009-present

PROFESSIONAL ACTIVITIES

Clinical supervision and leading various case discussions for medical students during their Pediatrics Rotation as a resident at the University of Texas Medical Branch, Galveston, Texas — 2003-2006

Clinical supervision and teaching as a fellow in Pediatric Pulmonology at the Children's Hospital of Pittsburgh (CHP) — 2006-2009

Lecturer, Respiratory Physiology Series, Fellow Curriculum, CHP — 2006-2009

Lecturer, Journal Club/Statistics Series, Fellow Curriculum, CHP — 2006-2009

Teaching of medical students and residents during their pulmonology rotation at the Children's Hospital of Michigan — 2009- present

Pulmonologist with the Aerodigestive program: April 2017 – present

Member of the Medical Advisory Council, Make-A-Wish Michigan: July 2018-present

Member: BPD Collaborative 2017-present

PUBLICATIONS

A.Morris, T.Alexander, S.Radhi, L.Lucht, F.Sciurba, J.Kolls, **R.Srivastava[3]**, C.Steele, K.Norris, *Airway Obstruction Is Increased in* Pneumocystis-*Colonized Human Immunodeficiency Virus-Infected Outpatients*; Journal of Clinical Microbiology, November 2009 volume 47.

Molloy L, Hall A, **Srivastava R**, Rybak MJ, McGrath E*, Ceftaroline Fosamil for Methicillin-Resistant Staphylococcus aureus Pulmonary Exacerbation in a Pediatric Cystic Fibrosis Patient;* J Pediatr Pharmacol Ther 2014;19(2):135–140)

Hania Salama, M.D., Emily Mirkin, BS, Joe Wheat, MD, Jack D. Sobel, MD, **Ruma Srivastava, MD** and Chokechai Rongkavilit, MD, *Extensive Pulmonary Nodules in a Michiganian Girl after Traveling to Southwestern United States*: The Pediatric Infectious Disease Journal: Volume 34, Number 5, May 2015

Leah Molloy, PharmD, Ibrahim Abdulhamid, MD**, Ruma Srivastava, MD**, Jocelyn Ang, MD: *Effectiveness and Safety of Ceftolozane/Tazobactam (TOL/TAZ) Use for Carbapenem-Resistant Pseudomonas Infections in Children*: Open Forum Infectious Diseases, Volume 5, Issue suppl_1, November 2018, Pages S724–S725

Molloy, Leah PharmD, Abdulhamid, Ibrahim MD, **Srivastava, Ruma MD**, Ang, Jocelyn Y. MD; *Ceftolozane/Tazobactam Treatment of Multidrug-resistant Pseudomonas aeruginosa Infections in Children:* The Pediatric Infectious Disease Journal: May 2020 - Volume 39 - Issue 5 - p 419-420

Jichang Chen, M.S.1, Xin Liu, M.S.2 ,Wei Du, Ph.D., **Ruma Srivastava, M.D**., Jinjian Fu, Ph.D., Min Zheng, Ph.D., Jin Zhou, M.S, Eric McGrath, M.D: *Pulmonary Function Testing in Pediatric Pneumonia Patients with Wheezing Under 3 Years of Age*: Global Pediatric Health 2019; 6: 2333794X19840357

Deborah R. Liptzin, Kaci Pickett, John T. Brinton, Amit Agarwal, Martha P. Fishman, Alicia Casey , Christopher T. Towe, Jane B. Taylor, Geoffrey Kurland, James S. Hagood, Jennifer Wambach, **Ruma Srivastava**, Hani Al-Saleh, Sharon D. Dell, Lisa R. Young, and Robin R. Deterding: *Neuroendocrine Cell Hyperplasia of Infancy: Clinical Score and Comorbidities*: (Multicenter study through the chILD network. Annals of the American Thoracic Society. February 2020, Volume 17, Issue 6.

El-Baba F MD, Adams M MD and **Srivastava R** MD, *Cystic Fibrosis Presenting as a Chief Complaint of Recurrent Arthritis: An Atypical Presentation of a Common Disorder:* Annals of Pediatrics. 2020; 3(1): 1034.

RESEARCH EXPERIENCE

- During my fellowship, I studied *Pneumocystis jirovecii* colonization in children and adults with various disease states and its correlation with airflow obstruction later on in life. I performed real-time PCR and nested PCR to evaluate for *Pneumocystis* colonization in Bronchoalveolar lavage specimens of children who have undergone lung transplantation and correlating that data with airflow obstruction later on in life. I also evaluated for *Pneumocystis* colonization in a cohort of infants with bronchiolitis to correlate that data with clinical severity.
  (Mentors: Jay Kolls, MD and Alison Morris, MD)

- I participated in the Clinical Research Training Program through the University of Pittsburgh and obtained a certificate in clinical research.

- Principal Investigator: "Retrospective Clinical Review Of Children With Rare Diffuse Lung Diseases (ChILD Registry)": 2016-2020