

## *Curriculum Vitae*

**Date Prepared:** October 2024

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Assistant Professor  
Internal Medicine Pulmonary and Critical Care Medicine

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### **Education**

Year	Degree (Honors)	Field of Study (Thesis advisor for PhDs)	Institution
2009	B.S. (Sum Cum Laude)	Bachelors of Science (B.S.) in Biology, Cum Laude	University of Miami Miller School of Medicine
2013	M.D.	Doctor of Medicine (M.D.)	University of Miami Miller School of Medicine
2013 – 2016	Residency	Internal Medicine Residency	University of Texas Southwestern Medical Center
2017 – 2020	Fellowship	Pulmonary/Critical Care Fellowship	University of Texas Southwestern Medical Center

### **Professional Development Training**

Year(s)	Course or Program, Degree if any	Institution
2024	CALM: Cultivating Active listening in Medicine	UTSW
2024	Educator development Course	UTSW
2024	Designing Learner-Centered and Equitable Courses	ACUE: Associate of college and University Educators
2024	ACCP Educator Development Course	Chest Medicine conference 2024

### **Faculty Academic Appointments**

Year(s)	Academic Title	Department	Academic Institution
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2020 – Present	Assistant Professor of Medicine	Pulmonary and Critical Care Medicine	UT Southwestern Medical Center
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### **Appointments at Hospitals/Affiliated Institutions**

<b><u>Past</u></b>			
Year(s)	Position Title	Department/Division	Institution
2016-2017	Academic Hospitalist	Internal Medicine	Baylor University Medical center (Dallas, Texas)
<b><u>Current</u></b>			
Year(s)	Position Title	Department/Division	Institution
2020 – Present	Pulmonary & Critical Care Faculty	Pulmonary and Critical Care Medicine	Clements University Hospital & Parkland Hospital
2021-2023	Intensivist Faculty	Tele-Medicine Intensivist during Covid	Access Telecare (Previously SOC Telemed)

### **Current Licensure and Certification**

#### **Licensure**

Year(s)	State
2016 – Present	Texas Medical Board

### **Board and Other Certification**

Year(s)	Specialty	Certifying Organization
2016 – Present	American Board of Internal Medicine	Internal Medicine
2019 – Present	American Board of Internal Medicine	Pulmonary Medicine
2021 – Present	American Board of Internal Medicine	Critical Care Medicine

***Pending American Board of Public Health, Pandemic Medicine***

### **Honors and Awards**

Year	Name of Honor/Award	Awarding Organization
2013	Honors Program in Medical Education admissions committee member University Scholar's Program	University of Miami
2013	Alpha Epsilon Lambda	University of Miami
2014	Resident Mentor	UT Southwestern Medical Center
2014	Intern Teaching Award Honorable Mention	UT Southwestern Medical Center
2015	House officer of Excellence nominee	UT Southwestern Medical Center

2021	Covid HERO	DFW Hospital Council
2021	Annual Women in Medicine award, photo spread, interview	Dallas County Medical Society
2024	Nominated for Institutional Emerging Leader in Clinical Medicine, selection in Sept 2024	UTSW institution
2024	Chest Educator Development Course Group Winner	ACCP Chest conference 2024

### **Major Administrative/Leadership Positions**

Year(s)	Position Title	Institution
2023	Medical Director of MICU APP group	UTSW: Clements Hospital
2023-Present	Assistant Medical Director MICU	UTSW: Clements Hospital

### **Committee Service**

Year(s)	Name of Committee	Institution/Organization
<u>University/Department</u>		
2009 -2010	Nicaragua Medical Missions Fundraising chair	University of Miami Miller School of Medicine
2010 – 2011	Nicaragua Medical Missions Trip Leader	University of Miami Miller School of Medicine
2010 – 2011	Department of Community Service (DOCS) Health Fair Labs Coordinator	University of Miami Miller School of Medicine
2010-2011	Procedure Interest Group, Secretary	University of Miami Miller School of Medicine
2011- 2012	Procedure Interest Group, Vice President	University of Miami Miller School of Medicine
2012 – 2013	Procedure Interest Group, President	University of Miami Miller School of Medicine
<u>Hospital</u>		
2020-Present	Clinical Care Learning Group: morbidity and mortality review group	UTSW
2020-Present	Women in Medicine Committee	Dallas County Medical Society
2021-Present	UTSW Lung Ladies, Co-chair	UTSW Pulmonary/Critical Care
2020-Present	North Texas Mass Critical Care Task Force	Dallas County Medical Society
2020-Present	Social Media Chair and Content Curator Lung Ladies (manager and creator of active Twitter account showcasing UTSW female	UTSW Pulmonary. Critical Care

	faculty recognition and educating on pulm/cc related topics)	
2021-Present	Blog contributor: write topics related to women in medicine	SHEMD
2020-Present	COVID CORP	Core member of COVID ICU at Parkland hospital and Clements Hospital
2021-Present	SWAG: Supporting Women in Achieving Greatness	UTSW
2021-Present	UTSW Pulmonary Fellowship Curriculum Committee	UTSW Pulm/cc Fellowship
2023-Present	UTW Critical Care QAPI Committee	UTSW
2023-Present	ICU Dashboard and Leadership Group Development Committee, with pharmacy and nursing (2 separate groups)	
2023-Present	UTSW orderset committee	UTSW
2024-Present	Code BLUE in ICU committee	UTSW
<u>State/Regional</u>		
<u>National/International</u>		

N/A

### **Professional Societies**

Dates	Society Name, member
2005 – Present	HPME; Honors program in Medicine at University of Miami
2012 – Present	Alpha Epsilon Lambda; Graduate Study Honor society
2015 – Present	American College of Physicians (ACP)
2016 – Present	American Board in Internal Medicine (ABIM)
2017 – Present	American Thoracic Society (ATS)
2018 – Present	American College of Chest Physicians (CHEST)
2020 – Present	Dallas County Medical Society
2020 – Present	Doctors for America
2021 – Present	SALUTE(South Asian Ladies Unite to Empower)
2021 – Present	AAMC Group on Women in Medicine and Science (GWIMS)
2021 – Present	Society of General Internal Medicine (SGIM)
	<b>Committees</b>
	N/A
	<b>Fellowships</b>
	N/A

## **Community Engagement**

Year(s)	Role, brief description	Organization or institution
2010-2013	Student liaison for fundraising and PR	Ekal Vidyalaya Tampa Bay
Jan 2023-Present	Dallas Country Science Fair Judge (local and regional judge)	DRSEF

## **Educational Activities**

### **Direct Teaching**

Date	Course Name, Rotation or Session Topic	Role	Number of Instruction hours	Primary Learner Audience (number)	Department or Organization
<b><u>Medical and Graduate School (UME) Course Instruction, Small Group Instruction, Clinical Supervision</u></b>					
Apr 13 <sup>th</sup> , 2022	Medical Student lecture, Pulmonary module	Lecturer	1	Medical students	UTSW
Apr 14 <sup>th</sup> , 2022	Medical school	Physical exam instructor	1	Medical students	UTSW
Apr 13 <sup>th</sup> , 2023	Medical School	Physical exam instructor	1	Medical students	UTSW
<b><u>Graduate Medical Education (GME) Course Instruction, Small Group Instruction, Clinical Supervision</u></b>					
July 1 <sup>st</sup> , 2022	UTSW Pulm/cc Fellow sim	Instructor for chest tube sim	2	Pulm.cc Fellows	UTSW
Jan 5 <sup>th</sup> , 2023	MICU APP fellows lecture	Lecturer: Septic shock and pressors	1	MICU C APP fellows	UTSW
Jan 6 <sup>th</sup> , 2023	MICU APP fellows lecture	Lecturer: Cardiogenic shock and inotropes	1	MICU C APP fellows	UTSW
Jan 21 <sup>st</sup> , 2023	Clements wards team	Lecturer: basics patterns on ct chest	1	Medical students, UTSW IM residents	UTSW
Jan 22 <sup>nd</sup> , 2023	Clements wards team	Lecturer: Into to PFTS	1	Medical students, UTSW IM residents	UTSW
Jan 23 <sup>rd</sup> , 2023	Clements wards team	Lecturer: Inpatient management of COPD and asthma	1	Medical students, UTSW IM residents	UTSW
Jan 25 <sup>th</sup> , 2023	Clements wards teams	Lecturer: NIV	1	Medical students, UTSW IM residents	UTSW

Mar 15 <sup>th</sup> , 2023	MICU APP fellows	Lecturer: Asthma/copd	1	MICU C APP fellows	UTSW
Mar 16 <sup>th</sup> , 2023	MICU APP fellows	Lecturer: NIV and modes of ventilation	1	MICu C APP fellows	UTSW
May 23 <sup>rd</sup> , 2023	IM residency	Instructor: ACLS R1 simulation	4	IM residency	UTSW
May 24 <sup>th</sup> 2023	IM residency	Instructor: ACLS R1 simulation	4	IM residency	UTSW
June 8 <sup>th</sup> , 2023	MICU APP team	Lecturer: Inpatient management of obstructive lung disease	1	MICU C APP team	UTSW
July 11 <sup>th</sup> , 2023	Clements wards team	Lecturer: Ventilation	1	Medical students, UTSW IM residents	UTSW
July 12 <sup>th</sup> , 2023	Clements wards teams	Lecturer: Acid/Base disorders	1	Medical students, UTSW IM residents	UTSW
July 17 <sup>th</sup> , 2023	Internal Medicine Residency Noon conference	Lecturer: Intro to CXR	1	UTSW IM residents	UTSW
Aug 1 <sup>st</sup> 2023	IM Residency	Instructor: R2 central line simulation	2	IM residency	UTSW
Nov 16 <sup>th</sup> , 2023	MICU APP fellows	Lecturer: Inpatient management of status asthmaticus	1	MICU C APP fellows	UTSW
Feb 24 <sup>th</sup> 2024	IM residents	Instructor: Critical Care simulation	9	IM residency	UTSW
Mar 9 <sup>th</sup> 2024	IM residents	Instructor: Critical Care simulation	9	IM residency	UTSW
Apr 5 <sup>th</sup> 2024	IM residents	Instructor: Critical Care simulation	9	IM residency	UTSW
July 7 <sup>th</sup> , 2024	Clements wards team	Lecturer: Noninvasive ventilation	1	Medical students, UTSW IM residents	UTSW
July 8 <sup>th</sup> , 2024	Clements wards team	Lecturer: COPD	1	Medical students, UTSW IM residents	UTSW

July 9 <sup>th</sup> , 2024	Clements wards teams	Lecturer: Bronchiolitis obliterans	1	Medical students, UTSW IM residents	UTSW
July 30 <sup>th</sup> , 2024	IM residency	Lecturer: Intro to CXR	1	IM residency	UTSW
<u>Instructor in Continuing Medical Education (CME), Faculty Development, National Educational Symposia</u>					
N/A					

## 2. Curriculum Development

Date	Course Name or Curriculum Product	Role	Purpose	Primary Learner Audience	Organization or Institution
2023	MICU APP Fellows curriculum	Editor	Teach ICU APP fellows MICU related topics	ICU APP fellows	UTSW
2024	Financial Curriculum	Course Director	Teach UTSW pulmonary/cc Fellows how to navigate the financial world	Fellows	UTSW

## 3. Mentoring and Advising

Date	Mentee Name	Mentee Level/ Program and Institution	Role	Mentee Outcomes, Current Position
2021-Present	Margaret Kypreos	UTSW Lung Ladies	Mentor	Assistant professor of Pulmonary/CC
2022-Present	Stephanie Velloze	UTSW Lung Ladies	Mentor	Graduating fellow to private practice
2023-Present	Neda Bionghi	UTSW Lung ladies	Mentor	Graduating fellow 2025
2024-present	Chandni Patel	UTSW Lung Ladies	Mentor	Graduating Fellow 2025: will be Assistant Professor of pulmonary/cc

## 4. Learner Assessment Activities or Tool Development

Date	Course Name or Session Topic	Role	Number of Evaluation Hours	Primary Learner Audience	Organization or Institution
	N/A				

## 5. Educational Administration and Leadership

Date	Title	Responsibilities	Time (FTE or hours)	Organization and Program Scope	Outcomes
	N/A				

### **Grant Review Activities**

Year(s)	Name of Review Committee	Organization
	N/A	

### **Editorial Activities**

Year(s)	Journal Name
<u>Editor/Associate Editor</u>	
2014-2015	Article Editor, Internal Medicine Journal Watch Pulmonary Section
2015 – 2016	Advisory Board, Internal Medicine Journal Watch Pulmonary Section
<u>Editorial Board</u>	
2024	Clinical Medicine Insights: Case Reports, SAGE journals
<u>Ad Hoc Reviewer</u>	
2024	Peer reviewer for journal Signa Vitae
2024	Peer reviewer for journal Discover Oncology
2024	Peer Reviewer for journal BMC Pulmonary Medicine
2024	Peer Reviewer for Journal of Graduate Medical Education

### **Invited Lectures**

Year(s)	Title	Location
<u>International</u>		
	N/A	
<u>National</u>		
2024	ATS conference: Structured ICU Rounds improve Team Performance	San Diego, CA
2024	Chest Conference Moderator: Beyond the Breath: Transforming outpatient Pulmonary care and Vaccination Strategies	Boston, MA
2024	Chest Conference Moderator: Critical Care Global Case Reports	Boston, MA
2024	Chest Conference Speaker: Trauma Psychiatry for the ICU Clinician	Boston, MA
<u>Regional/Local</u>		

2020	Vaping Related Lung Injury	UT Southwestern – CUH Respiratory Therapist Monthly Meeting
9/2021	Opportunistic Screening Symposium: Newer techniques employed to leverage underutilized imaging data not originally intended as the main reason for the radiologic study	UT Southwestern Department of Radiology, served as an expert panelist in pulmonary medicine
10/2021	The Impact of the Pandemic on our Lives: Insights from UTSW Faculty	Women in Science and Medicine Advisory Committee & the Office of Women's Careers, Served as an expert panelist discussing front line covid work
11/2021	Society of General Internal Medicine (SGIM)	Clinical Vignette reviewer
5/2022	ATS Thematic Poster session facilitator	ATS Session Title: ICU MANAGEMENT
10/2023	CHEST conference	Rapid Case Reports Moderator

### **Technological and Other Scientific Innovations**

N/A

### **Bibliography**

#### **Peer-Reviewed Publications**

##### Original Research Articles

1.	Severe Mpox Infections in People With Uncontrolled Human Immunodeficiency Virus:Govind A, Lazarte SM, Kitchell E, Chow JY, Estelle CD, Fixsen E, Helm C, Jain MK, Mehta R, Perl TM, Sutaria JM, Thomas C, Dominguez AR, Utay NS. Severe Mpox Infections in People With Uncontrolled Human Immunodeficiency Virus. Clin Infect Dis. 2023 May 24;76(10):1843-1846. <b>Doi: 10.1093/cid/ciad052. PMID: 36718662.</b>
2.	A Call to Action for Female Intensive Care Unit Workers and Health Care Organizations: Roma M. Mehta, MD, Carol S. North, MD, MPE, Hetal J. Patel, MD, Rosechelle M. Ruggiero, MD, Traci N. Adams, MD <b>DOI:10.22514/sv.2024.080</b> <a href="https://oss.signavitae.com/mre-signavitae/article/20240708-371/pdf/SV2024011101.pdf">https://oss.signavitae.com/mre-signavitae/article/20240708-371/pdf/SV2024011101.pdf</a>
3.	Overview of Disaster Mental Health for Front-line Healthcare Workers Traci N. Adams , Haley Belt, Roma M. Mehta, Hetal J. Patel, Rosechelle M. Ruggiero, Carol S. North. Emerg. Med. Care. <a href="https://doi.org/10.3390/ecm1030025">https://doi.org/10.3390/ecm1030025</a>
4.	Structured ICU Rounds Improve Team Performance. Roma Mehta, Corey Kershaw, Craig Glazer, Sonja Bartolome. American Journal of Respiratory and Critical Care Medicine 2024;209:A1169 <a href="https://doi.org/10.1164/ajrccm-conference.2024.209.1_MeetingAbstracts.A1169">https://doi.org/10.1164/ajrccm-conference.2024.209.1_MeetingAbstracts.A1169</a>

## Reviews, Book Chapters, Monographs and Editorials

1.	N/A
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## Books/Textbooks

1.	N/A
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## Case Reports

1.	Lu, A, Sathirareuangchai, S, Mehta, R. Poster @ ATS 2021 : Recurrent Left Pleural effusion. <u>American Journal of Respiratory and Critical Care Medicine 2021;203:A2334</u> <a href="https://doi.org/10.1164/ajrccm-conference.2021.203.1_MeetingAbstracts.A2334">https://doi.org/10.1164/ajrccm-conference.2021.203.1_MeetingAbstracts.A2334</a>
2.	Jakubowski, B, Mehta, R. Poster @ ATS 2021: A Unique Case of Covid Pneumonia, Tuberculosis, and Silicosis. <u>American Journal of Respiratory and Critical Care Medicine 2021;203:A4087</u> <a href="https://doi.org/10.1164/ajrccm-conference.2021.203.1_MeetingAbstracts.A4087">https://doi.org/10.1164/ajrccm-conference.2021.203.1_MeetingAbstracts.A4087</a>
3.	Seldin Conference 2021: Recurrent Left Pleural effusion
4.	Martinez-Zayas, G, Morales Oyarvide, V, Jakabowski, B, Mehta, R. Society of General Internal Medicine February 2022: Septic Shock in a Patient with Bartonella Hanslae.
5.	Omer Mirza, Roma Mehta. Poster @ ATS 2022: Nodular Ossification May 2022 <u>American Journal of Respiratory and Critical Care Medicine 2022;205:A5825</u> <a href="https://doi.org/10.1164/ajrccm-conference.2022.205.1_MeetingAbstracts.A5825">https://doi.org/10.1164/ajrccm-conference.2022.205.1_MeetingAbstracts.A5825</a>
6.	Muhammad Abu-Rmaileh, Melanie Holtrop, Roma Mehta. Poster @ ATS 2022. Disseminated Strongyloides May 2022: <u>American Journal of Respiratory and Critical Care Medicine 2022; 205:A4501</u> <a href="https://doi.org/10.1164/ajrccm-conference.2022.205.1_MeetingAbstracts.A4501">https://doi.org/10.1164/ajrccm-conference.2022.205.1_MeetingAbstracts.A4501</a>
7.	A curious case of Cryptococcal Infection: poster Presentation for Chest 2023
8.	Muhammad Abu-Rmaileh, MD, Melanie Holtrop, MD, Andrea Amaro, MD, Niraj Madhani, MD, Roma Mehta, MD, and James Lyons, MD. Annals of Internal Medicine: Clinical Cases (AIMCC): “Disseminated Strongyloidiasis in a Patient with Lupus Nephritis”. <a href="https://www.acpjournals.org/doi/10.7326/aimcc.2023.0279">https://www.acpjournals.org/doi/10.7326/aimcc.2023.0279</a>
9.	Rhabdo and Resultant Acute Renal failure due to legionella PNA in a patient with HIV: Margaret Kypreos, MD and Roma Mehta, MD <a href="https://doi.org/10.1155/2023/8772577">https://doi.org/10.1155/2023/8772577</a>
10.	HA-HLH: Roma Mehta, Neda Bionghi: submitted
11.	Cutaneous Mucor, submitted to Journal of Investigative Medicine, High Impact Case Reports, pending acceptance. Belt, Haley; Kypreos, Margaret ; Lu, An; Hernandez Velasquez, Ginna; Mehta, Roma
12.	Journal of Graduate Medical Education (JGME). Chandni Patel, Neda Bionghi, Roma Mehta:

### Letters to the Editor

1.	<u>Mehta, MD, Roma. (2024). Bridging the Wealth Gap. <i>Clinical Medicine And Health Research Journal</i>, 4(4), 978–980. <a href="https://doi.org/10.18535/cmhrj.v4i4.368">https://doi.org/10.18535/cmhrj.v4i4.368</a></u>
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### Meeting Summaries or Proceedings

1.	N/A
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### Clinical Practice Guidelines

1.	Using Chitin/Chitosan as nonviral vectors for gene therapy
2.	Retrospective study on the association of ADHD and Obstructive Sleep Apnea in Children
3.	Studying the Prevalence of PE/DVT in HHT patients and determining anticoagulation therapies
4.	Home Sleep Apnea testing in high risk Parkland population to reduce hospital admissions

### **Non-peer reviewed scientific or medical publications/materials in print or other media (no abstracts)**

1.	Taldone S, Voehl A, Cherian K, <b>Mehta R</b> , and O'Connell M. <i>DOCS Leadership Retreat: A novel, integrative forum on implementing community based service projects</i> 2013
2.	<b>Mehta R</b> , Agusala B, Barker B, 2 months of fevers? Where's the infection? Society of General Internal Medicine Conference, 2016
3.	Galloway J, Lopez S, <b>Mehta R</b> , Patel T, Edwards S, Lai W, Homoesch C, and Townsend S. <i>Patient-Centered PCIM: Improving Patient Safety through Team Co-location</i> 2016
4.	DCMS Women in Medicine Interview of Covid Frontlines <a href="https://www.dcms.branchmediapro.com/2021/09Sep/">https://www.dcms.branchmediapro.com/2021/09Sep/</a>
5.	Why Pulmonary & Critical Care: Original Blog post written on SHEMD. 2021, Author: Roma Mehta, MD <a href="https://www.shemd.org/post/why-pulmonary-critical-care-medicine">https://www.shemd.org/post/why-pulmonary-critical-care-medicine</a>
6.	Dallas Women in Medicine Covid ICU Interview: <a href="http://www.dcms.branchmediapro.com/2021/09Sep/">http://www.dcms.branchmediapro.com/2021/09Sep/</a>
7.	Tips to Succeed as an Intern: Original Blog post written on SHEMD. June 2023 , Author: Roma Mehta, MD <a href="https://www.shemd.org/post/tips-to-succeed-as-an-intern">https://www.shemd.org/post/tips-to-succeed-as-an-intern</a>
8.	What To Do During Asthma Attack Without Inhaler: Roma Mehta, MD cited <a href="https://parade.com/health/what-to-do-during-asthma-attack-without-inhaler-according-to-doctors">https://parade.com/health/what-to-do-during-asthma-attack-without-inhaler-according-to-doctors</a>
9.	Best Habit for People with Severe Asthma: Roma Mehta, MD cited <a href="https://parade.com/health/best-habit-for-people-with-severe-asthma-according-to-doctors">https://parade.com/health/best-habit-for-people-with-severe-asthma-according-to-doctors</a>

10.	Empowering female doctors: How investment education can combat burnout and build wealth. KevinMD blog post. Solo author. <a href="https://www.kevinmd.com/2024/09/empowering-female-doctors-how-investment-education-can-combat-burnout-and-build-wealth.html">https://www.kevinmd.com/2024/09/empowering-female-doctors-how-investment-education-can-combat-burnout-and-build-wealth.html</a>
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