

**TUFTS UNIVERSITY SCHOOL OF MEDICINE**  
**CURRICULUM VITAE AND BIBLIOGRAPHY FORMAT**  
**FOR CLINICAL FACULTY**

DATE PREPARED: 05/08/2023

FULL NAME AND DEGREE/S: KAMRAN MANZOOR, MD, FCCP, MBA

CURRENT ADMINISTRATIVE TITLE (hospital and /or university if applicable):

Director of Quality, Pulmonary Medicine Department

OFFICE MAILING ADDRESS (Dept. or Division and Box No.):

South Shore Hospital  
55 Fogg Road  
South Weymouth, MA 02190

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**EDUCATION & TRAINING**

**Undergraduate**

|      |       |                                |             |
|------|-------|--------------------------------|-------------|
| 1994 | F.Sc. | Govt. College Multan, Pakistan | Pre-Medical |
|------|-------|--------------------------------|-------------|

**Graduate School and/or Medical School**

|         |                                  |                    |
|---------|----------------------------------|--------------------|
| 2000    | Nishtar Medical College, Multan, | Medicine & Surgery |
| M.B.B.S | Pakistan                         |                    |

|         |                                                                     |
|---------|---------------------------------------------------------------------|
| 2021-22 | Brandeis University, Heller School for Social Policy and Management |
| M.B.A   | Waltham, MA                                                         |

**Postdoctoral Training**

Internship and Residencies:

|           |                                   |                               |
|-----------|-----------------------------------|-------------------------------|
| 2000-2001 | Nishtar Hospital Multan, Pakistan | Internship Medicine & Surgery |
|-----------|-----------------------------------|-------------------------------|

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| 2003-2003 | Nishtar Hospital Multan, Pakistan | IM Post-graduate Trainee Registrar |
|-----------|-----------------------------------|------------------------------------|

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|-----------|------------------------------------------------|-------------------|
| 2004-2007 | Mount Sinai School of Medicine (Bronx Program) | Internal Medicine |
|-----------|------------------------------------------------|-------------------|

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|-----------|------------------------------------------------|------------------------|
| 2006-2007 | Mount Sinai School of Medicine (Bronx Program) | Chief Medical Resident |
|-----------|------------------------------------------------|------------------------|

**Fellowships:**

|         |                                                       |                        |
|---------|-------------------------------------------------------|------------------------|
| 2010-12 | University of Tennessee Medical Center, Knoxville, TN | Pulmonary Medicine     |
| 2012-13 | Dartmouth-Hitchcock Medical Center, Lebanon, NH       | Critical Care Medicine |

**Other Professional Training**

|                 |                                                                                                                     |                                                                                     |
|-----------------|---------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 01/2008-03/2010 | Robert C. Byrd Biotechnology Institute<br>Joan C. Edwards School of Medicine<br>Marshall University, Huntington, WV | Research Associate<br>(Non-paid Volunteer Position)<br>Supervisor, Eric Blough, PhD |
|-----------------|---------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|

**Licensure and Certification**

|                   |                                 |              |
|-------------------|---------------------------------|--------------|
| 07/2013-present - | Medical Board of Rhode Island   | Lic # 14403  |
| 02/2018- present  | Massachusetts Board of Medicine | Lic # 269211 |

**ACADEMIC APPOINTMENTS**

|                  |                                                         |                                                                                     |
|------------------|---------------------------------------------------------|-------------------------------------------------------------------------------------|
| 01/2019-Present  | Clinical Assistant Professor of Medicine                | Tufts University School of Medicine<br>Boston, MA                                   |
| 01/2016- 06/2019 | Assistant Professor of Medicine<br>(Clinician-Educator) | The Warren Alpert Medical School-<br>Brown University, Providence, RI               |
| 12/2008-06/2010  | Clinical Assistant Professor of Medicine                | West Virginia University School of Medicine-<br>Charleston Division, Charleston, WV |

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**EMPLOYMENT**

|                   |                                                                   |                                                       |
|-------------------|-------------------------------------------------------------------|-------------------------------------------------------|
| 07/2007-06/2010   | Charleston Area Medical Center, Charleston, WV                    | Section of Hospital Medicine                          |
| 08/2013- 03/2018  | Care New England Health System, RI<br>(per-diem 07/2022- to date) | Department of Pulmonary and<br>Critical Care Medicine |
| 03/2018 – present | Steward Health System, Boston, MA (part-time)                     | Department of Pulmonary and<br>Critical Care Medicine |
| 06/2018- present  | South Shore Health System, Weymouth, MA                           | Department of Pulmonary and<br>Critical Care Medicine |

**ADMINISTRATIVE APPOINTMENTS**

|                  |                     |                                  |                                  |
|------------------|---------------------|----------------------------------|----------------------------------|
| 01/2021- present | Director of Quality | Department of Pulmonary Medicine | South Shore Health, Weymouth, MA |
|------------------|---------------------|----------------------------------|----------------------------------|

AWARDS AND HONORS

| Dates     | Award/Honor            | Organization, City, State or Country                  |
|-----------|------------------------|-------------------------------------------------------|
| 206-2007  | Chief Resident         | James J. Peters VA Medical Center, NY                 |
| 2011-2012 | Chief Pulmonary Fellow | University of Tennessee Medical Center, Knoxville, TN |

INSTITUTIONAL COMMITTEE SERVICE

| Dates        | Role/Committee                                                                                                                                                                            | Department/Program                                            | Institution, City, State or Country                                                            |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| 2023-present | Member, Admission Committee                                                                                                                                                               | Tufts University Medical School<br>Dean of Admissions Office  | Tufts University Medical School,<br>Boston, MA                                                 |
| 2019-present | Member, Pharmacy & therapeutic committee                                                                                                                                                  | Department of Medicine                                        | South Shore Hospital, So.<br>Weymouth, MA                                                      |
| 2021-present | Member, Infection control committee                                                                                                                                                       |                                                               |                                                                                                |
| 2022-present | Mentor, Residents Education and Research Initiative                                                                                                                                       | Department of Medicine                                        | Steward Carney Hospital,<br>Dorchester, MA                                                     |
| 2013-2018    | 1) Member, Core Clinical Competency Committee<br>2) Patient Safety/Outcomes Sub-committee<br>3) Member, Health Information management committee<br>4) Member, Infection Control Committee | Department of Medicine/Internal Medicine<br>Residency Program | Care New England Health, Kent<br>County Hospital and Memorial<br>Hospital of RI, Pawtucket, RI |
| 2007-2010    | 1) Member, Sepsis Committee<br>2) Member, Sleep Apnea Task Force                                                                                                                          | Department of Medicine                                        | Charleston Area Medical Center,<br>Charleston, WV                                              |

EXTERNAL COMMITTEE SERVICE

Local/Regional:

| Dates | Role | Organization |
|-------|------|--------------|
|-------|------|--------------|

National:

| Dates | Role | Organization |
|-------|------|--------------|
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**International:**

| Dates | Role | Organization |
|-------|------|--------------|
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**PROFESSIONAL SOCIETIES**

| Dates          | Role/ Committee Assignment | Organization/Membership                           |
|----------------|----------------------------|---------------------------------------------------|
| 2012- present  | Member                     | <b>American College of Chest Physician (ACCP)</b> |
| 2016-present   | Fellow                     |                                                   |
| 2012- present  | Member                     | <b>American Thoracic Society</b>                  |
| 2004 – Present | Member                     | <b>American College of Physicians (ACP)</b>       |
| 2015 - Present | Fellow                     |                                                   |

**GRANT REVIEW ACTIVITIES**

| Dates | Role | Organization |
|-------|------|--------------|
|-------|------|--------------|

**HEALTH-RELATED ADVOCACY & COMMUNITY SERVICE**

| Dates | Organization, City, State or Country | Role |
|-------|--------------------------------------|------|
|-------|--------------------------------------|------|

## TRAINING OF STUDENTS/TRAINEES

| Students/Mentees: | Name of Student/Advisee | Level of Training                | Role and Sponsor (if applicable)                                                                                                                                                                                                                                             | Current Position of Advisee                             |
|-------------------|-------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| <b>TUSM</b>       |                         |                                  |                                                                                                                                                                                                                                                                              |                                                         |
| 2020- present     | Nikola Perosevic        | Resident/ Staff Physician        | Mentoring academic interests and QI projects including Choose wisely campaign and outcomes on medical floors at South Shore Hospital. Refer to Publication section for combined scholarly activates including abstracts and presentations                                    | Faculty at TUSM/ Staff Physician at South Shore Health. |
| 2019-present      | Eric Robbins            | Medical Student/Resident /Fellow | mentoring since 4 <sup>th</sup> year medical student, and during Residency program, with an interest in Pulm & Critical Care Ref to Abstracts and Publication for scholarly activities. Continue to mentor for research while being a Fellow at NIH/ University of Maryland. | NIH Pulmonary and CCM Fellowship in 2023.               |
| 2022-2023         | Jacob Rha               | Medical Student/Resident         | During CCM rotation/ providing core education lectures at South Shore Hospital and mentored for scholarly activities including publication/presentation at ATS Annual Meeting                                                                                                | IM resident at Maine Medical Center.                    |

2023. Ref. to Abstracts section. Continue to engage as a mentor while in Residency training and completed Research Elective in August 2023.

2019

Tiffany Chen

Medical Student

During CCM rotation at South Shore provided core education lectures and mentored for scholarly activities including CHEST 2019 abstract presentation. Ref. to Abstracts section.

**King Edward  
Medical  
University,  
Lahore,  
Pakistan**

2022-2023

Mohammad Mirza

Medical Student

Mentoring during final year for scholarly activities and QI Improvement project on discharge documentation and hospital follow up, refer to Abstracts session for submitted/presented work including ATS Annual Meeting 2023, and CHEST 2023

Joined Steward Carney Hospital for IM Residency Program

Rabeea Ahmed

Medical Student

Mentoring during 4<sup>th</sup> & final year for scholarly activities and QI Improvement project on discharge documentation and follow up, refer to Abstracts session for submitted/presented work including ATS Annual Meeting 2023, and CHEST 2023

Joining UT Texas for elective rotations/pursing Research Position in Transplant physiology.

**TUSM/Steward  
Carney Hospital**

|              |                  |                      |                                                                                                                                                                                                                                                                           |                                                                                                             |
|--------------|------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| 2022-Present | Ibrahim Elkhawas | Resident, IM Program | As a mentor for core research initiative group working on projects including “ Assess to Pulmonologist internationally, urban vs rural areas in developed and underdeveloped countries, and “ Pulmonary Embolism outcomes, in teaching and non-teaching hospitals in US “ |                                                                                                             |
|              | Harumi Tokashiki |                      | Career development and research mentor, refer to CHEST abstracts submission 2023                                                                                                                                                                                          | Joined as a Pulmonary Fellow at University of Chicago affiliated Hospital                                   |
|              | Ateeb Parvez     | IM- Chief Resident   | Research Mentor                                                                                                                                                                                                                                                           |                                                                                                             |
|              | Emeka Agudile    | Resident             | Research Mentor                                                                                                                                                                                                                                                           |                                                                                                             |
|              | Marina Khan      | Resident             | Research mentor and working on 2 case reports submission including management of life-threatening hemoptysis and cavity lesions                                                                                                                                           |                                                                                                             |
|              | Talka Ugurlu     | Resident Im Program  | Research mentor                                                                                                                                                                                                                                                           |                                                                                                             |
| 2018-2020    | Ajat Thota       | Resident, IM Program | Mentored during IM residency and Fellowship, refer to Abstracts section for scholarly activities and presentation                                                                                                                                                         | CCM Fellow-Memorial Sloan Kettering Hospital and Cancer Center, joining Methodist Hospital, San Antonio, TX |
|              | Melody Sillo     | Resident, IM Program | Research Mentor and Faculty advisor                                                                                                                                                                                                                                       |                                                                                                             |

|                                                                                                 |                           |                                                                                                    |                                                                                                                                         |                                                                     |
|-------------------------------------------------------------------------------------------------|---------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <b>Brown University School of Medicine/IM Program at Care New England Health</b><br><br>2022-23 | Karim Anis                | Resident, IM Program                                                                               | Research Mentor and Faculty advisor                                                                                                     | Pulmonary and CCM Fellow- Baystate Medical Center, Springfield, MA. |
|                                                                                                 | John Christy              | Medical Resident                                                                                   | Coach for Research project and scholarly activities, refer to Abstracts and case report including CHEST 2023 submissions.               |                                                                     |
|                                                                                                 | Mery Deeb                 | Medical Resident                                                                                   | Coaching for research projects and scholarly activities                                                                                 |                                                                     |
|                                                                                                 | <u>Daniel Runggaldier</u> | Medical Student (exchange medical student program with University Hospital of Zurich, Switzerland) | Elective rotation, and research - refer to case report section for scholarly activities.                                                |                                                                     |
|                                                                                                 | <u>Ali Alkhayat</u>       | Chief Resident- IM Program                                                                         | Mentor for Research including QI project” Hyperglycemia and Mortality in acute COPD exacerbation.” Refer to abstracts and case reports. | IM Faculty at Banner Health System, AZ.                             |
| 2013-2018                                                                                       | Fatima Zeba               | Medical Resident                                                                                   | Advisor and Research Mentor                                                                                                             | Fellow in Pulmonary Medicine, Dartmouth-Hitchcock Medical Center.   |
|                                                                                                 | <u>Kevin Arao</u>         | Medic Resident                                                                                     | Research Advisor                                                                                                                        | Endocrine Fellow, Tufts Medical Center.                             |
|                                                                                                 | Omar Tahir                | Medical Resident                                                                                   | Research Mentor                                                                                                                         |                                                                     |



|  |                      |                  |                  |                                                                   |
|--|----------------------|------------------|------------------|-------------------------------------------------------------------|
|  | <u>Huma Khudayar</u> | Medical Resident | Research mentor. | Pulmonary Fellow at<br>Dartmouth -<br>Hitchcock medical<br>Center |
|--|----------------------|------------------|------------------|-------------------------------------------------------------------|

**WVU-  
Charleston  
Division**  
2009-10

|                  |                 |                                                |
|------------------|-----------------|------------------------------------------------|
| <u>Bhirud A</u>  | Medical Student | Coach for scholarly<br>activities and research |
| <u>Mahmood N</u> | Medical Student | Coach for scholarly<br>activities and research |
| <u>Aho S</u>     | Medical Student | Coach for scholarly<br>activities and research |

**Mt. Sinai School  
of Medicine**

|           |                |                         |                                                                             |                                                                                       |
|-----------|----------------|-------------------------|-----------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 2006-2007 | Hammad Khattak | Resident, IM<br>Program | Served as a coach for<br>career development and<br>scholarly activities.    | Staff Physician,<br>Cardiologist,<br>University of<br>Alabama, Dept. of<br>Cardiology |
|           | Shahram Khalid | Resident, IM            | Coach and Advisor, refer<br>to Abstract section for<br>scholarly activities | Staff Physician &<br>Neurologist, Scott<br>and White Baylor<br>Health, Dallas, TX     |

**Postdoctoral Trainees:**

| Past/Current<br>Trainee | Trainee Name<br>(Where Training<br>Occurred)                           | Postdoc Research<br>Training Period | Prior Academic<br>Degree(s) | Prior<br>Academic<br>Degree<br>Year(s) | Prior Academic<br>Degree<br>Institution(s)    | Title of Research<br>Project                                                                                                         | Current Position<br>of Past Trainees /<br>Source of<br>Support of<br>Current Trainees |
|-------------------------|------------------------------------------------------------------------|-------------------------------------|-----------------------------|----------------------------------------|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Rabaa Al-<br>Rousan     | Robert C Byrd<br>Biotechnology<br>Institute,<br>Marshall<br>University | 2009-2010                           | MS                          | 2007                                   | University of<br>Iowa, College of<br>Medicine | Long -term Efficacy<br>of Deferasirox in<br>Preventing<br>Cardiovascular<br>Complications in the<br>Iron Overload<br>(Ph.D. thesis). | Faculty<br>Texas A & M<br>College of<br>Pharmacy.                                     |

## EDUCATIONAL ACTIVITIES

| Dates               | Role/Course or Program Title (if applicable)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Department                                     | Institution City, State or Country                                                                    |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| <u>2018-present</u> | <p><b>Core Clinical Faculty at South Shore Hospital-</b></p> <p>including Critical Care Fellowship Program at South Shore Hospital in affiliation with Brigham and Women Hospital &amp; For Tufts University 4<sup>th</sup> year Medical Students ICU Rotation.</p> <p><b>Course Faculty:</b> For ICU didactics and Mechanical Ventilation<br/>Conduct Curriculum Development with Lectures and Hands-on Training.</p> <p><b>Course Faculty: at TUSM for pulmonary physiology lectures and evidence-based learning</b></p> <p>1) Core Clerkship Bootcamp-2019,2020, 2021<br/>2) TUSM Respiratory course-2019, 2021, 2023<br/>3) Admission Committee- 2023</p> | Pulmonary and Critical Care Medicine           | South Shore Hospital, Weymouth, MA                                                                    |
| <u>2018-present</u> | <p><b>Clinical Faculty:</b> to engage in core lectures for Residents and Medical Students rotating at Steward Carney Hospital</p> <p>Mentor- Education and Research initiative group at IM-Residency Program at Steward Carney Hospital including QI projects, case reports, and abstracts.</p>                                                                                                                                                                                                                                                                                                                                                               | Pulmonary and Critical Care Medicine           | Steward Carney Hospital, Dorchester, MA                                                               |
| 2013-2018           | <p><b>Core Clinical Faculty: Internal Medicine Residency Program.</b> The Warren Alpert Medical School of Brown University.</p> <p><b>Course Faculty: Workshops including point-of-care Ultrasound and Mechanical Ventilation</b><br/>Curriculum Development with Lectures and Hands-on Training.</p> <p><b>Practice-Based Learning (PBL) Lectures.</b> The Warren Alpert Medical School of Brown University to conduct PBL for Medical Students &amp; Residents during ICU rotations.</p> <p><b>Morning Reports and Bedside Teaching.</b></p>                                                                                                                | Pulmonary and Critical Care Medicine           | Care New England Health, Kent County Medical Center, Warwick & Memorial Hospital of RI, Pawtucket, RI |
| <u>2011-2012</u>    | Chief Pulmonary Fellow, Educated and trained Junior Fellows and residents in pulmonary rotation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Pulmonary and Critical Care Medicine           | UTMC,, Knoxville, TN                                                                                  |
| <u>2007-2010</u>    | <p>Served as a Faculty at WVU-Charleston Division but also as a post-Doc Research Assoc. at Robert- C Byrd Biotechnology Institute, Marshall University.</p> <p>In addition to educating medical students, also served as a clinical resource for MS and PhD students.</p>                                                                                                                                                                                                                                                                                                                                                                                    | Hospital Medicine, WVU and Marshall University | <u>Charleston, WV</u>                                                                                 |

|           |                                                                                                                                                                                                                                       |                   |                                                                |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------------------------------------|
| 2006-2007 | <b>Chief Medical Resident</b><br>-Morning Reports and Bedside Teaching.<br>- Practice Based Learning (PBL) Lectures-Served as a resource for junior residents and medical students for education, training, and scholarly activities. | Internal Medicine | Mount Sinai School of Medicine (Bronx Program)<br>New York, NY |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------------------------------------|

## **PRACTICE ACTIVITIES & INNOVATIONS**

| <u>Dates</u>           | <u>Activity</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <u>Sponsor/Institution</u>                                                                     |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| <u>09/2021-present</u> | <b>Scientific Advisor (MassRobotics Health Care Catalyst Program)</b> <ul style="list-style-type: none"> <li><i>Mentoring early-stage healthcare startups in applying new healthcare technologies to solve complex medical problems, product development, and clinical applications.</i></li> <li><i>The program focuses on areas such as clinical care, public safety, laboratory and supply chain automation, out-of-hospital care, quality of life, and continuity of work and education, as well as healthcare professionals' training and support.</i></li> <li><i>The program seeks to advance the development of robots for healthcare and infectious diseases, including telepresence, disinfecting, testing, logistics, delivery, and training systems, among others.</i></li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <u>MassRobotics</u><br><a href="https://www.massrobotics.org">https://www.massrobotics.org</a> |
| <u>04/2020-12/2022</u> | <b>Chief Medical Officer</b> <ul style="list-style-type: none"> <li><i>Responsible for product development of a low-cost portable ICU ventilator during the COVID-19 crisis under a nonprofit 501c3 organization.</i></li> <li><i>Led a team of over 200 personnel, including biomedical engineers, regulatory affairs, and compliance during the COVID-19 crisis under a nonprofit 501c3 organization, TVP Health.</i></li> <li><i>Directed Department of Quality &amp; Regulatory Affairs, including policy analysts, project managers, and compliance engineers for FDA approval, currently, the device has FDA EUA authorization. <a href="https://www.fda.gov/medical-devices/covid-19-emergency-use-authorizations-medical-devices/ventilators-and-ventilator-accessories-euas#ventilators">https://www.fda.gov/medical-devices/covid-19-emergency-use-authorizations-medical-devices/ventilators-and-ventilator-accessories-euas#ventilators</a></i></li> <li><i>Collaborating with the University of Oxford Social entrepreneurs for mass production and global marketing. <a href="https://oxvent.org/the-aira/">https://oxvent.org/the-aira/</a></i></li> <li><i>Coordinated global efforts for education, training, and available resources for mechanical Ventilators during the COVID-19 pandemic.</i></li> </ul> | <u>TVP Health/Mass Robotics</u>                                                                |

01/2021-  
present**Director of Quality Improvement****South Shore Health**

- *Quality improvement projects include COPD and Readmissions Risk, using a multidisciplinary team approach to improve strategies and personalized interventions to reduce hospital admissions—a decreased rate of COPD readmissions from 23% to 19 % since 2021.*
- *System cost saving \$450,000/year in 2022*
- *COPD & Asthma management with proposed interventions for high-risk groups with ongoing tobacco abuse, hypercapnia, and Opioids Use (in the process).*
- *Clinical Practice focuses around general pulmonary and critical care medicine both inpatient and outpatient setting with interest in Respiratory failure, Neuromuscular disease and diaphragm dysfunction*

**VISITING PROFESSORSHIPS & INVITED ACADEMIC PRESENTATIONS****Visiting Professorships**

Dates    Department    Institution    City, State or Country

N/A

**Invited Academic Presentations****Local/Regional:**

| <b>Dates</b> | <b>Presentation Title</b>                                   | <b>Presentation Type</b>   | <b>Institution</b>                                                 | <b>City, State or Country</b> |
|--------------|-------------------------------------------------------------|----------------------------|--------------------------------------------------------------------|-------------------------------|
| 06/2019      | Hypoxemia and Clinical Application                          | Grand round                | South Shore Hospital                                               | Weymouth, MA                  |
| 03/2019      | Respiratory Failure and Fundamentals Mechanical Ventilation | Workshop                   | Kent County Memorial Hospital                                      | Warwick, RI,                  |
| 09/2018      | Viral Pneumonia and Bronchiolitis                           | Lecture Series/Grand Round | Center for Physician Assistant Studies, Johnson & Wales University | Providence, RI                |
| 09/2018      | Pneumonia in immunocompromised Host and Bronchiectasis      | Lecture Series/Grand Round | Center for Physician Assistant Studies, Johnson & Wales University | Providence, RI                |

|         |                                                                                                     |                                              |                                                  |                |
|---------|-----------------------------------------------------------------------------------------------------|----------------------------------------------|--------------------------------------------------|----------------|
| 04/2018 | Mechanical Ventilation, fundamental and hands-on training course,                                   | Workshop                                     | Steward Carney Hospital                          | Dorchester, MA |
| 01/2016 | Understanding of biomarkers of systemic inflammation and endothelial dysfunction.                   | Grand round                                  | Memorial Hospital of Rhode Island                | Pawtucket, RI  |
| 10/2015 | Asthma, the patient and family assessment, American Lung Association, Education Seminar             | Seminar                                      | Department of Health,                            | Providence, RI |
| 06/2015 | Idiopathic Pulmonary Fibrosis, Imaging evaluation and management, basic understanding for Residents | Grand round                                  | Kent County Memorial Hospital                    | Warwick, RI,   |
| 01/2009 | Controversies in Perioperative Medicine, Evidence-based Hospital Medicine Conference                | Evidence-based Hospital Medicine Conference, | Charleston Area Medical Center                   | Charleston, WV |
| 04/2007 | Aortic Dissection, ER Management and Impact on Mortality & Morbidity                                | Grand Round and M & M conference             | James J. Peters. Veterans Affairs Medical Center | NY             |
| 02/2007 | Perioperative Medicine, Role of Non-invasive cardiac stress testing.                                | Grand Rounds                                 | James J. Peters. Veterans Affairs Medical Center | NY             |
| 07/2006 | Management of Bronchial Asthma in Pregnancy                                                         | Grand Rounds                                 | North Central Bronx Hospital                     | Bronx, NY      |

**National:**

| Dates   | Presentation Title                                                                                                                                                                       | Presentation Type      | Institution                                                                          | City, State or Country |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------------------------------------------------------------------------|------------------------|
| 05/2023 | COPD Care Model in a Regional Medical Center                                                                                                                                             | Oral panel discussion  | American Thoracic Society (ATS)-Annual Meeting 2023                                  | Washington, DC         |
| 12/2020 | Robotics and Health Care; Past, present, and future.                                                                                                                                     | Oral- Panel discussion | MassRobotics <a href="https://www.massrobotics.org">https://www.massrobotics.org</a> | Boston, MA             |
| 05/2012 | Simvastatin Induced Recurrent Organizing Pneumonia with Associated Proliferative Bronchiolitis. Great cases: clinical, radiological, and pathological correlations by master physicians. | Oral panel discussion  | American Thoracic Society (ATS)-Annual Meeting 2012                                  | San Francisco, CA      |
| 05/2011 | Bilateral lung lesions and Haemoptysis                                                                                                                                                   | Fellow case conference | American Thoracic Society(ATS)-Annual Meeting 2011                                   | Denver, CO             |

**International:**

Dates    Presentation Title    Presentation Type    Institution    City, State or Country

N/A

**MAJOR EDUCATION AND RESEARCH INTERESTS**

1. **Inflammatory cell markers and Endothelial Activation:** To determine the expression of circulating pro-inflammatory mediators in the vascular endothelium of patients with diabetes and heart failure. Endothelial cells were biopsied from the peripheral vessels of patients and then characterized by PCR, immunofluorescent analysis, and Flow cytometry.
2. **Diaphragm dysfunction and neuromuscular disease:** To evaluate neuromuscular diseases, disorders of the diaphragm, and their implications on respiratory function with non-invasive testing, including positional changes in PFTs and real-time ultrasound imaging.
3. **Teaching:** Medical students and Residents with a focus on the point of Care Ultrasound (POCUS), evaluation of respiratory mechanics, and hands-on training on mechanical ventilation and core critical care curriculum
4. **Population health with a focus on delivering care to high-risk patient populations,** developing protocols and outreach programs with healthcare delivery models, conducting cost-benefit analyses, and evaluating financial and management challenges.

### RESEARCH SUPPORT

| Dates | Grant Title | PI Name | Funding Source | Grant Number | Amount | Role |
|-------|-------------|---------|----------------|--------------|--------|------|
|-------|-------------|---------|----------------|--------------|--------|------|

N/A

### EDITORIAL BOARDS

| Dates | Role | Board/Publication Name |
|-------|------|------------------------|
|-------|------|------------------------|

N/A

### AD HOC JOURNAL REVIEWER

Dass C, et. al. Sonographic Evaluation of Diaphragmatic Dysfunction. Technique, Interpretation, and Clinical Applications. Journal of Thoracic Imaging 34(6):p W131-W140, November 2019. | DOI: 10.1097/RTI.0000000000000436. PMID: 31385877.

### PATENTS

| Year Awarded | Patent Number                                                                                                                                                                                                                                                                                                                                       | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 03/2021      | FDA EUA authorization for AIRA<br><a href="https://www.fda.gov/medical-devices/covid-19-emergency-use-authorizations-medical-devices/ventilators-and-ventilator-accessories-euas#ventilators">https://www.fda.gov/medical-devices/covid-19-emergency-use-authorizations-medical-devices/ventilators-and-ventilator-accessories-euas#ventilators</a> | A low-cost portable ICU ventilator was designed and developed in collaboration with MassRobotics for low and middle-income countries to address the shortage of mechanical ventilators. Fully portable with a battery life of up to 20 hours. The product individually costs around \$3000/ in comparison to conventional ICU ventilator costs of over \$ 35,000. The cost of the project was under \$ 1 M under NGO, TVP Health. Though the typical cost of such a project exceeds \$ 10-15 M. Over 200 personnel from various medical and engineering backgrounds volunteered for this project. The project and design were transferred to the University of Oxford entrepreneurship group in 2022 for further development and delivery.<br><a href="https://oxvent.org/the-aira/">https://oxvent.org/the-aira/</a> |

### BIBLIOGRAPHY

a) Refereed Publications:

- 1) Robbins EW, Benavente K, **Manzoor K**, Daoud E. Ventilator synchrony between NIV and critical care ventilators. (Accepted for publication in The Journal of Mechanical Ventilation (JMV).
- 2) Minami T, Minami A, **Manzoor K**, Saraya T. Modern Technology in Respiratory Medicine: Lung Ultrasonography–Is it Time for the Stethoscope to Give Up its Throne? Pul Res Respir Med Open J. 2016;3(3): 55-56.
- 3) Khawja O, Petrone A, Aleem S, **Manzoor K**, Gazino J, Djoussé L. Sleep Duration and Risk of Lung Cancer in the Physicians' Health Study. Chinese Journal of Lung Cancer. 2014 Sep 20;17(9):649-55. PMID: 25248705.
- 4) Khattak HK, Khalid S, **Manzoor K**, Stein PK. Recurrent life-threatening hyperkalemia without typical electrocardiographic changes. J Electrocardiol. 2014 Jan-Feb;47(1):95-7. PMID: 23973093.
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- 6) Khan AM, **Manzoor K**, Avsar Y, Shim C. Thoracic Splenosis (TS) Avoid unnecessary investigations, interventions, and Thoracotomies! General Thoracic and Cardiovascular Surgery. 2011 Apr; 59(4):245-53. PMID: 18399879.
- 7) Kakarla SK, Fannin JC, Keshavarzian S, Katta A, Paturi S, Nalabotu SK, Wu M, Rice KM, **Manzoor K**, Walker EM Jr, Blough ER. Chronic acetaminophen attenuates age-associated increases in cardiac ROS and apoptosis in the Fischer Brown Norway rat. Basic Res Cardiol. 2010 Jul;105(4):535-44. PMID: 20407780.
- 8) Kakarla SK, Rice KM, Katta A, Paturi S, Wu M, Kolli M, **Manzoor K**, Wehner P, Blough ER. Possible molecular mechanisms underlying age-related cardiomyocyte apoptosis in the F344XBN rat heart. J Gerontol A Biol Sci Med Sci. 2010 Feb;65(2):147-55. PMID: 20056683.
- 9) Khan AM, **Manzoor K**, Gordon D, Berman A. Thoracic splenosis. A diagnosis by history and imaging. Respiriology. 2008 May; 13(3): 481-3. PMID: 21484550.
- 10) Amir M. Khan, R.Hundal, **Manzoor K**, S. Dhuper, M. A. Korsten. Accessory liver lobes: a diagnostic and therapeutic challenge of their Torsions. Scandinavian Journal of Gastroenterology, 2006 Feb; 41(2):125-30. PMID: 16484115.
- 11) Shah HH, **Manzoor K**, Rauf MR. Periampullary carcinoma: clinical presentations and diagnosis: a hospital-based study. Annals of King Edward Medical College, Sept 2003; 9(3):206-8.

(b) Books Authored/Books Edited:

- 1) N/A

c) Book Chapters/Invited Reviews:

- 1) Minami T, **Manzoor K**, McCool FD. Assessing diaphragm function in chest wall and neuromuscular disease Clin Chest Med. 2018 Jun;39(2):335-344. doi: 10.1016/j.ccm.2018.01.013. PMID: 29779593.
- 2) McCool FD, **Manzoor K**, Minami T. Disorder of the diaphragm. Clin Chest Med. 2018 Jun;39(2):345-360. doi: 10.1016/j.ccm.2018.01.012. PMID: 29779594.

d) Monographs, Proceedings, and White Papers:

N/A

## e) Editorials:

- 1) **Manzoor K**, McCormack M, Dieter R, Dudney T. Pleural Biopsy. eMedicine Publication. 2011 May. <http://emedicine.medscape.com/article/1894279>.

## f) Letters to the Editor:

N/A

## g) Case Reports:

- 1) Christy J, Kenesy N, Davoodi K, Navarrette-Welton A, Manzoor K. SVC syndrome with hepatic pseudo-lesion. Rhode Island Medical Journal (accepted for publication)
- 2) Alkhatay A, Minami T, **Manzoor, K**. Ketoacidosis associated with the ketogenic diet in a non-diabetic lactating woman. BMJ Case Rep. 2020 Jun 30;13(6):e234046. doi: 10.1136/bcr-2019-234046. PMID: 32606112.
- 3) Runggaldier D, Minami T, Golding D, **Manzoor K**. Acute COPD exacerbation presenting with pronounced intrabullous hemorrhage and hemoptysis. BMJ Case Rep. 2018 Jun 28;2018. pii: bcr-2018-225339. doi: 10.1136/bcr-2018-225339. PMID: 29954770.
- 4) **Manzoor K**, Aftab W, Choksi S, Khan I. Lyme carditis: Sequential electrocardiographic changes in response to antibiotic therapy. Int J Cardiol. 2009 Oct 2;137(2):167-71. PMID: 18684533

## h) Theses/Dissertation:

- 1) Al-Rousan R, Manzoor K, Paturi S, Arvapalli R, Laurino J, Dornon J, Walker EM, Blough ER. Long term efficacy of deferiasirox in preventing cardiovascular complications in the iron overloaded gerbil. Journal of Cardiovascular Pharmacology and Therapeutics. 2012 Mar;17(1):117-25. PMID: 21593444. (Ph.D – Theses – Rabaa-Al-Rousan at Robert C Byrd Biotechnology institute, Department of Pharmacology, Marshall University)

## i) Published Abstracts:

- 1) Rha J, Elkhawas I, Machavariani L, Perosevic N, **Manzoor K**. High output heart failure due to thyroid storm and severe microcytic anemia. To be presented at CHEST Annual 2023 Meeting, Honolulu, HI.
- 2) Elkhawas I, Emeka A, Solangi Z, Schembri F, **Manzoor K**. Rare Presentation of Classic Hodgkin's Lymphoma as a Large Cavitary Consolidation. To be presented at CHEST Annual 2023 Meeting, Honolulu, HI.
- 3) Parvez A, Tokashiki H, Elkhawas I, Schembri F, Manzoor K, Belok S. A Dreaded complication of CT-guided lung biopsy. To be presented at CHEST Annual 2023 Meeting, Honolulu, HI.
- 4) Parvez A, Ugurlu T, Perosevic N, **Manzoor K**, Singh P. Pembrolizumab induced myasthenia gravis. Submitted at CHEST Annual 2023 Meeting.
- 5) Schembri F, Jaronko J, **Manzoor K**. Clinical Risk Factors for “COPD Superutilizers” at a Regional Medical Center . To be presented at CHEST Annual 2023 Meeting, Honolulu, HI.
- 6) Deeb M. MD, Midha R, Moody R, Shembri F, Shturman M, Manzoor K. Hydralazine-associated pleuritis. To be presented at CHEST Annual 2023 Meeting, Honolulu, HI.
- 7) Christy J, Cyr C, Deeb M, Navarette-Welton A, Sperry R, Manzoor K. A case of Angioedema and Acute onset Urticaria associated with Rhinovirus infection. To be presented at CHEST Annual 2023 Meeting, Honolulu, HI.
- 8) **Manzoor K**, Jaronko J, Schembri F. A Model to Improve COPD Care at a Regional Medical Center. ATS 2023 Annual Meeting, Washington, DC (Abstract and panel discussion)



- 9) Mirza M, Ahmed R, Ayaz A, Manzoor K. Spontaneous Bacterial Empyema (SBEM) with concurrent spontaneous bacterial peritonitis (SBP) in liver Cirrhosis. ATS 2023 Annual Meeting, Washington, DC.
- 10) Rha J, Perosevic N, Sloan K, Manzoor K. Vaping-Induced Non-Tuberculous Mycobacterium Disease. ATS Annual Meeting 2023, Washington, DC.
- 11) Ahmed R, Mirza M, Ayaz A, Manzoor K. Black Bronchoscopy: finding a common answer. ATS 2023 Annual Meeting, Washington, DC.
- 12) Rha J, Perosevic N, Manzoor K, Schembri F. Pulmonary Langerhans Cell Histocytosis presenting with multiple cavity nodules. ATS 2023 Annual Meeting, Washington, DC.
- 13) Mirza M, Ahmed R, Ayaz A, Manzoor K. Nose Necrosis in septic shock; cocaine use with confounding factors. ATS 2023 Annual Meeting, Washington, DC.
- 14) Robbins E, Sloan K, Halle D, Manzoor K. Adenocarcinoma of the Lung Mimicking Miliary Tuberculosis and Pott's Disease. CHEST 2022 Annual Meeting. Nashville, TN.
- 15) Robbins E, Ayaz A, Perosevic P, Sacks A, Manzoor K. Focal thoracic aortic dissection induced by persistent cough in a patient with emphysema. CHEST 2022 Annual Meeting, Nashville, TN.
- 16) Tafader A, Shaikh R, Perosevic N, Manzoor K. Diabetic Myonecrosis – A Diagnostic Challenge for Physicians. SHM Annual meeting 2021.
- 17) Wasserman K, Perosevic N, Manzoor K. Non cardiogenic Pulmonary edema in an Obese patient due to excessive airway collapse and severe obstructive sleep apnea. CHEST Annual Meeting 2021.
- 18) Alkhayat A, Manzoor K, Khan A, Schwartz G. Spontaneous Lung Herniation after Sneezing. CHEST 2020 Annual Meeting, New Orleans, LA.
- 19) Gonuguntla K, Patil S, Rojulpote C, Perosevic N, Manzoor K. Amiodarone induced myxoedema coma: An endocrine emergency. CHEST Annual Meeting 2020, New Orleans, LA.
- 20) Drekolias K, Gonuguntla K, Gadela NV, Perosevic N, Manzoor K. A case of severe sequestrational hypocalcemia in patient with prostate cancer with osteoblastic metastasis resistant to steroid therapy. CHEST Annual Meeting 2020, New Orleans, LA.
- 21) Gadela NV, Gonuguntla K, Perosevic N, Manzoor K. Hypercalemia due to ectopic tracheobronchial para-aortic parathyroid adenoma. CHEST Annual Meeting 2020, New Orleans, LA.
- 22) Robbins E, Thota A, Manzoor K. Adenocarcinoma of the Lung with Miliary Pattern. CHEST 2020 Annual Meeting, New Orleans, LA.
- 23) Noor A, Perosevic N, Manzoor K. Multiple cystic brain lesions: An atypical presentation of metastatic lung cancer. ATS Annual Meeting, Philadelphia, PA, May 2020. Am J Respir Crit Care Med 2020;201:A5759.
- 24) Shaikh, R; Tafader, A; Perosevic, N; Perosevic, M; Manzoor, K. Insulinoma presented with seizure – An unusual case with normal C-peptide level. Abstract published at Hospital Medicine 2020, Virtual Competition. Abstract 1036 Journal of Hospital Medicine.
- 25) Gonuguntla K, Patil S., Shaik A, Gadela NV, Perosevic N, Manzoor K. Sudden cardiac arrest after an episode of acute seizure. ATS Annual Meeting, Philadelphia, PA, May 2020. Am J Respir Crit Care Med 2020;201:A3435
- 26) Stringer, B; Perosevic, N; Manzoor, K. Peritoneal tuberculosis – An uncommon case mimicking ovarian cancer with metastasis. Abstract published at Hospital Medicine 2020, Virtual Competition. Abstract 1087, Journal of Hospital Medicine.
- 27) Thota A, Anis K, DaSilva C, Manzoor K. Diabetic Ketoacidosis with Profound Hypothermia and Hypokalemia; Defying the Odds. ATS Annual Meeting, Philadelphia, PA, May 2020. Am J Respir Crit Care Med 2020;201:A5162.

- 28) Robbins E, Minami T, **Manzoor K**. Complications of Osteoporosis Immunotherapy leading to mononeuritis multiplex. ATS Annual Meeting, Philadelphia, PA, May 2020.
- 29) Robbins E, Allam G, **Manzoor K**. Progressive Weakness in a Patient with Respiratory Failure: Finding the Uncommon. ATS Annual Meeting, Philadelphia, PA, May 2020.
- 30) Gonuguntla K, Perosevic N, **Manzoor K**. Sudden Cardiac arrest after seizure episode. ATS 2020 Annual Meeting, Philadelphia, PA, May 2020.
- 31) Thota A, Adhikari J, Sillo M, **Manzoor K**. Profound Leukocytosis - Acute blast transformation with infectious diarrhea in Chronic lymphocytic leukemia. CHEST Annual meeting, New Orleans, LA, October 2019.
- 32) Alkhatat A, Arao K, Minami T, **Manzoor K**. Ketoacidosis associated with ketogenic diet. CHEST Annual meeting, New Orleans, LA, October 2019.
- 33) Ovalle A, Saraf S, **Manzoor K**. Unusual spontaneous bacterial peritonitis and Septic Shock in cardiac ascites. CHEST Annual meeting, New Orleans, LA, October 2019.
- 34) Chen T, Zeba F, Cabral F, **Manzoor K**. Trastuzumab-induced Interstitial Pneumonitis: Diagnostic Awareness. CHEST Annual meeting, New Orleans, LA, October 2019.
- 35) Zeba F, **Manzoor K**, Doug T, Ijaz M, Khan AM. Pill aspiration causing acute tracheobronchial obstruction of the airway resembling endobronchial tumor Accepted for presentation at CHEST Annual Meeting, October 2018.
- 36) Pinargote A, Salazar W, Noska A, **Manzoor K**. Cryptococcal pericardial tamponade in a Non-HIV patient. CHEST Annual Meeting, October 2018
- 37) Yirerong J, **Manzoor K**, Khan AM, Ijaz M. Organizing Pneumonia in a Steel Mill Worker: Correlation or Coincidence. CHEST Annual Meeting, Oct. 2018.
- 38) Sillo M, Thota A, **Manzoor K**. Primary Lung Adenocarcinoma with Miliary Pattern. CHEST Annual Meeting, Dallas, TX, May 2018.
- 39) Thota A, Sillo M, **Manzoor K**. Peri-Tonsillar Abscess with Retropharyngeal Extension Leading to Airway Narrowing and Concomitant Pre-Septal Cellulitis. CHEST Annual Meeting, Dallas, TX, May 2018
- 40) Mohamed A, Kukhon F, **Manzoor K**. Rapidly Reversible quadriplegia: A case of Hypokalemic Periodic Paralysis. ATS Annual Meeting, May 2018.
- 41) Khudayar H, Tahir O, Zia I, **Manzoor K**. Squamous cell carcinoma of the lung with heterotopic ossification. CHEST Annual Meeting, October 2016.
- 42) Tahir O, Khudaya H, Zia I, **Manzoor K**. Cutaneous Metastasis, A rare symptom of a common malignancy. CHEST Annual Meeting, October 2016.
- 43) Khudayar H, Somalaraju S, **Manzoor K**. Lactic acidosis secondary to small cell carcinoma of the lung. RI Chapter, ACP meeting, March 2016.
- 44) **Manzoor K**, Chin R, Steven J, Frnaklin M. Thrombocytopenia in ICU, fishing for an answer? ATS Annual Meeting, Phildephila, PA, May 2013.
- 45) Gilani S, **Manzoor K**, McCormack M, Branca P. An unusual case of airway stent failure. Chest Annual Meeting, Atlanta, GA, October 2012.
- 46) **Manzoor K**, Shamiyeh J, Dudney T. Simvastatin Induced Recurrent Organizing Pneumonia with Associated Proliferative Bronchiolitis. ATS meeting, San Francisco, CA, May 2012.
- 47) Mir M, **Manzoor K**, Dudney T, McCormack M. Pulmonary Sequestration Of The Upper And Lower Lobes. ATS meeting, San Francisco, CA, May 2012.

- 48) **Manzoor K**, Clark C, Dudney T, Ludwig Jr. B. Tuberculosis Presenting As An Endobronchial Mass. ATS meeting, San Francisco, CA, May 2012.
- 49) **Manzoor K**, Dhingra K, Peeke J, Gaines T, Schriver E, McCormack M, Dudney T. Bilateral communicating pulmonary sequestration syndrome presenting with hemoptysis. ATS meeting, Denver, CO, May 2011.
- 50) Al-Rousan R, **Manzoor K**, Paturi S, Arvapalli R, Laurino J, Dornon L, Walker E, Blough E. Long -term Efficacy of Deferasirox in Preventing Cardiovascular Complications in the Iron Overloaded Gerbil. The American Pharmacists Association (APhA) Annual Meeting, March 2011, Seattle, WA
- 51) Aho S, Sridharan B, Eke S, **Manzoor K**. Cholesterol embolism after AAA endovascular repair leading to livedo reticularis, mesenteric ischemia and renal failure. WV Chapter, ACP meeting, October 2010.
- 52) Aho S, Siddiqui Y, **Manzoor K**. Pulmonary adenocarcinoma presenting as cutaneous metastasis. WV Chapter, ACP meeting, October 2010.
- 53) Mahmood N, **Manzoor K**. Pseudohypoglycemia: Inaccuracy of capillary blood glucose (CBG) in peripheral vascular disease. WVU Research meeting, Charleston, WV, May 2010.
- 54) Bhirud A, Eke A, King A, **Manzoor K**. C1q Nephropathy; a rare presentation with end stage liver disease. WVU Research meeting, Charleston, WV, May 2010.
- 55) Aftab W, **Manzoor K**, John K, Rahman A. Mononeuritis Multiplex and Peripheral Neuropathy in Wegener's Granulomatosis. Society of Hospital Medicine Annual meeting, April 2010, Washington, DC.
- 56) Khalid S, Khattak H, **Manzoor K**. Recurrent Life threatening hyperkalemia without electrocardiographic changes. Society of Hospital Medicine Annual meeting, April 2010, Washington, DC.
- 57) **Manzoor K**, Shaalan B, John K. Niacin and Vitamin C Deficiency in Sjögren's Syndrome, a Diagnostic Dilemma. Society of Hospital Medicine Annual meeting, April 2010, Washington, DC.
- 58) AL-Rousan R, Katta A, Paturi S, Kidd B, **Manzoor K**, Walker EM, Blough ER. Chronic Deferasirox Administration Decreases Hepatic Oxidative Stress and Apoptosis in the Iron Overloaded Gerbil. American Society of Hematology Annual meeting, December 2009, New Orleans, LA.
- 59) Onat D, Bucciarelli L, Egan T, Donovan Jr. DS, Lorber D, Akman HO, **Manzoor K**, Jelic S, Schmidt AM, Colombo PC: Quantification of Endothelial Activation in Type 1 Diabetic Patients by a Novel Methodology: Endothelial Sampling Coupled With Real-Time PCR Analysis (ADA 68th Scientific Session) June 2008, San Francisco, CA.
- 60) **Manzoor K**, Aftab W, Nalamati J. Raynaud's phenomenon with profound variations in capillary blood glucose levels: a case of pseudohypoglycemia. Society of Hospital Medicine Annual Meeting, April 2008, San Diego, CA.

#### Submitted Publications and Abstracts

- 1) Robbins E.W, Arao K, Minami T, **Manzoor K**. Denosumab-Related Mononeuritis Leading to Hemidiaphragmatic and Long Thoracic Nerve Paralysis. Submitted in BMC Pulmonary
- 2) Robbins E.W, Minami T, **Manzoor K**. Pseudohypoglycemia: A Pitfall in Everyday Practice. Submitted in RI Medical Society Journal.

j) Non-print Scholarship:  
N/A