

CURRICULUM VITAE

Shaher M. Samrah, MD, FCCP

Associate professor of Pulmonary, and Critical Care Medicine
Department of Internal Medicine, Faculty of Medicine
Jordan University of Science and Technology
P O BOX 3030, IRBID JORDAN 22110
Email: Samrah@just.edu.jo
Office: +96227200600, Extension 40702
ORCID ID: 0000-0002-8811-3741
Scopus Author ID: 36537788300



Personal History

Current Position Rank:

Associate Professor

Department of Internal Medicine
Faculty of Medicine
Jordan University of Science and Technology
Irbid, Jordan

**Consultant: Pulmonary, Sleep and Critical Care
Medicine**

Department of Internal Medicine
King Abdullah University Hospital
Irbid, Jordan

Citizenship:

Jordanian

Educational History

Medical School:

6/1995	Faculty of Medicine Jordan University of Science and Technology Irbid, Jordan
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Residency and Fellowship:

10/1995 - 7/1996	Rotating Internship: Jordan University Hospital Amman, Jordan
8/1996 - 4/1997	Research Assistant University of Illinois at Chicago Chicago, IL., USA
7/1997 - 7/2000	Internal Medicine Residency Mercy Hospital and Medical Center University of Illinois at Chicago Chicago, IL., USA
7/2000 - 7/2004	Fellowship, Pulmonary Medicine Fellowship, Critical Care Medicine Translational Research Fellowship University of Iowa Hospitals and Clinics Iowa City, IA., USA

Boards Certifications

2001	American Board, Internal Medicine
2003	American Board, Pulmonary Medicine (Active)
2004	American Board, Critical Care Medicine (Active)
2007	Jordanian Board, Pulmonary Medicine (Permanent)
2019	Jordanian Board, Internal Medicine (Permanent)
2022	Jordanian Board, Critical Care Medicine (Permanent)

Academic Appointments

7/2004 – 9/2006	Clinical Assistant Professor of Medicine Faculty of Medicine University of North Dakota Grand Forks, ND., USA
10/2006 – 9/2007	Full time lecturer Department of Internal Medicine Faculty of Medicine University of Science and Technology Irbid, Jordan
9/2007 – 9/2017	Assistant Professor of Medicine Department of Internal Medicine Faculty of Medicine University of Science and Technology Irbid, Jordan
9/2017 – Current	Associate Professor of Medicine Department of Internal Medicine Faculty of Medicine Jordan University of Science and Technology Irbid, Jordan

Work Experience

7/2004 – 9/2006	Pulmonary and Critical Care consultant MedCenter One Health Systems Bismarck, ND., USA
10/2006 – 9/2015 & 9/2017 – 2/2021 & 2/2021 – Current	Pulmonary and Critical Care consultant King Abdullah University Hospital Irbid, Jordan
9/2015 – 9/2016	Pulmonary and Critical Care consultant Aurora Bay Care Medical Center Green Bay, WI., USA
9/2016 – 9/2017 & 2/2021 – 2/2022	Pulmonary and Critical care consultant Aspirus Wausau Hospital Wausau, WI., USA

Administrative Appointments

9/2018 – 9/2020

Chairman: Department of Internal Medicine
Faculty of Medicine
Jordan University of Science and Technology
Irbid, Jordan

9/2008 – 9/2015
& 9/2017 – 2/2021

Head of Pulmonary Medicine Division
Director; Pulmonary, Critical Care Medicine
and Medical ICU
Jordan university of Science and technology
King Abdullah University Hospital
Irbid, Jordan

Academic Services

10/2006 – 9/2008

Coordinator, Internal Medicine Course for
Dental students
Faculty of Medicine
Jordan University of Science and technology
Irbid, Jordan

9/2008 – 9/2010

Coordinator, Internal Medicine Course for 4th
year Medical Students
Faculty of Medicine
Jordan University of Science and technology
Irbid, Jordan

9/2010 – 9/2012
& 9/2014 – 9/2015

Coordinator, Internal Medicine Course for 6th
year Medical Students
Faculty of Medicine
Jordan University of Science and technology
Irbid, Jordan

9/2011 – 9/2015
& 9/2019 – 2/2021

Director, Internal Medicine Residency Program
King Abdullah University Hospital
Irbid, Jordan

Professional/Academic Committees

8/2004 – 9/2006	Chair; ICU Committee MedCenter One Health Systems Bismarck, ND., USA
8/2004 – 9/2006	Heart and lung Committee MedCenter One Health Systems Bismarck, ND., USA
9/2004 – 9/2006	IRB Committee MedCenter One Health Systems Bismarck, ND., USA
10/2007 – 9/2009	Co-Chair; Cardiopulmonary resuscitation (CPR) Committee King Abdullah University Hospital Irbid, Jordan
10/2009 – 9/2015	Chair; CPR Committee King Abdullah University Hospital Irbid, Jordan
9/2008 – 9/2015 & 9/2017 – 2/2021	Chair; ICU Committee King Abdullah University Hospital Irbid, Jordan
2008 – 2012 & 2019 – 2021	Jordan National Drug Formulary Committee Ministry of Health Amman, Jordan
2008 – 2015 & 2017 – 2021	Jordan National Tuberculosis Committee Ministry of Health Amman, Jordan
2009 – 2013	Primary Medical Committee Faculty of Medicine Jordan University of Science and Technology Irbid, Jordan
2014 – 2017	Chair, Primary Medical Committee Faculty of Medicine Jordan University of Science and Technology Irbid, Jordan

9/2009 – 2/2015	Co-Chair; Emergency Medicine Committee King Abdullah University Hospital Irbid, Jordan
2010 – 2012	Committee director to establish the first regional AHA certified Life Support Training Center King Abdullah University Hospital Irbid, Jordan
2012-2013	Examination and Questions Bank Committee Faculty of Medicine Jordan University of Science and Technology Irbid, Jordan
2015 – 2017 & 2019 – 2021	Co-Chair; Infectious Disease Committee King Abdullah University Hospital Irbid, Jordan
2017– 2018	ICU Quality Improvement Committee King Abdullah University Hospital Irbid, Jordan
2017 – 2020	Morbidity and Mortality committee King Abdullah University Hospital Irbid, Jordan
2017 & 2019	Faculty of Medicine annual International Medical Conference organizing committee Faculty of Medicine Jordan University of Science and Technology Irbid, Jordan
2018 – 2020	Education Evaluation, Improvement and Accreditation Strategy committee Faculty of Medicine Jordan University of Science and Technology Irbid, Jordan
2018 – 2020	Fellowship Programs Evaluation, Acceptance Criteria and Credentialing committee King Abdullah University Hospital Irbid, Jordan

2018 – 2021	<p>Jordanian Board of Internal Medicine Jordanian Medical Council Ministry of Health Amman, Jordan</p>
2018 – 2021	<p>Jordanian Board of Internal Medicine Exam Committee Jordanian Medical Council Ministry of Health Amman, Jordan</p>
2018 – 2021	<p>Jordanian Internal Medicine Residency Programs Evaluation Committee Jordanian Medical Council Ministry of Health Amman, Jordan</p>
2018 – 2020	<p>Medical Records and Templates evaluation committee King Abdullah University Hospital Irbid, Jordan</p>
2018 – 2020	<p>Higher Education Scholarship Evaluation committee Jordan University of Science and Technology Irbid, Jordan</p>
2020 – 2021	<p>Higher Education Evaluation committee Jordan University of Science and Technology Irbid, Jordan</p>
1/2020 – 2/2021	<p>COVID-19 Emergency Response Team King Abdullah University Hospital Irbid, Jordan</p>

Review and Referee Activities

- Eastern Mediterranean Health Journal
- Epidemiology & Infection Journal
- Infection and Drug Resistance Journal

Teaching and Examination Experience

- Director, Dental students Internal Medicine course
- Director, Medical students Internal Medicine course (6th year)
- Director, Medical students Internal Medicine course (4th year)
- Teaching 4th and 6th year medical students
- Exam committee: 4th and 6th year students
- Director, Internal Medicine Residency
- Teaching and supervising Internal Medicine residents
- Exam Committee: Internal Medicine residents, KAUH
- Exam Committee: Jordanian Board of Internal Medicine
- Teaching Pulmonary Medicine fellows
- External Examiner: 6th year medical students

Professional Memberships

1. Fellow, American College of Chest Physician (FCCP)
2. Jordan Medical Association
3. Jordanian Thoracic Society

Community Services Highlights

1. Participation in multiple Basic and Advanced Life Support (BLS/ACLS) awareness campaigns, KAUH/JUST. (2007-2018)
2. Participation in national anti-smoking campaigns, Faculty of Medicine, JUST (2016-2019)
3. Supervising many medical students' community services activity and awareness campaigns, JUST. (2007-2019)
4. Organizing an art show "Between Pain and Hope - **Hanadi Day**" in support of Scleroderma patients, artist Hanadi Abu-Arja, Internal Medicine department, Faculty of Medicine, JUST. (2/2019).
5. Moderator and Speaker, Faculty of Medicine annual International Medical Conferences, Faculty of Medicine, JUST.
6. Moderator and speaker, many local and international Pulmonary and Critical Care medicine/ICU conferences, and meetings.

Awards and Certificates

1. Fellow, American College of Chest Physician (FCCP), (2004)
2. Star Physician award at Q&R clinic, MedCenter One Health Systems, Bismarck, ND. USA, (2005)
3. Certificate of Appreciation (3rd Nutricia Middle East & Southeast Asia medical nutrition Conference), (2013)
4. JUST Medical Students nomination, Department of Internal Medicine Teacher of the year (2018-2019)
5. Certificate of Appreciation (Gadara Initiative), Irbid, Jordan (2020)
6. "Appreciation/Thank you" letter, Dean, Faculty of Medicine, JUST, (2020)
7. "Appreciation/Thank you" award, Department of Internal Medicine, JUST, (2020)
8. "Appreciation/Thank you" award, Internal Medicine Residents, Department of Internal Medicine, JUST, (2019)
9. "Appreciation/Thank you" letter, fighting COVID-19 efforts, State of Wisconsin Senator, USA (2021)

TV/News Papers interviews

1. Respiratory Diseases and use of systemic steroids, Jordan TV
2. Asthma awareness, when to seek medical attention, Jordan TV
3. Newspaper article regarding "Hospital Intensive Care Units: Towards a conscious and well-educated community" in "TLB-News" and "Jafra-News" newspapers.
4. COVID-19 awareness and ways to prevent infection spread, Jordan TV

Bibliography

Published Work

1. E A. Hoffman, J. M. Reinhardt, M. Sonka, B. A. Simon, J. Guo, O. Saba, D. Chon, **S.M. Samrah**, H. Shikata, J. Tschirren, K. Palagyi, K. C. Beck, and G. McLennan, “*Characterization of the Interstitial Lung Diseases via Density-Based and Texture-Based Analysis of Computed Tomography Images of Lung Structure and Function*”. *Acad. Radiology* 2003; 10:1104–1118
2. I.M. Khatib, **S.M. Samrah**, F.M. Zghol, “*Nutritional intervention in refugee camps on Jordan’s eastern border: Assessment of status of vulnerable groups*”. *EMHJ*. 2010; 16: 187-193
3. M. Jamous, M. Barbarawi, **S. Samrah**, M. N. Khabaz, M. Al-Jarrah, S. Dauod. “*Emergency decompressive craniectomy for trauma patients with Glasgow Coma Scale of 3 and bilateral fixed dilated pupils*”. *European Journal of Trauma and Emergency Surgery* 36(5):465-469
4. **Samrah SM**, Saadeh SS, Alawneh KM, “*Resolution of intracardiac and pulmonary thrombi without anticoagulation in a patient with Behçet’s disease: a case report.*” *Clin Exp Rheumatol*. 2013 May-Jun;31(3 Suppl 77):90-2. Epub 2013 Mar 4.
5. **Samrah S**, Khatib I, Omari M, Khassawneh B, Momany S, Daoud A, Malkawi M, Khader Y. “*Vitamin D deficiency and level of asthma control in women from North of Jordan: a case-control study.*” *J Asthma*. 2014 May 20:1-7.
6. **S. Samrah**, Y. Bashatawi, W. Hayajneh, B. Almomani, S. Momany, Y. Khader. “*Impact of colistin-initiation delay on mortality of ventilator-associated pneumonia caused by A. baumannii*”. *J Infect Dev Ctries*. 2016 Oct 31;10(10):1129-1134.
7. B. Almomani, A. McCullough, R. Gharaibeh, **S. Samrah**, F. Mahasneh. “*Incidence and predictors of 14-day mortality in multidrug-resistant Acinetobacter baumannii in ventilator-associated pneumonia*” *J Infect Dev Ctries*, 2015 Dec 30;9(12):1323-30.
8. B. Almomani, N. Al-Sawalha, **S. Samrah**, J. Gamble, M. Al Momani. “*Asthma insights from Jordan: Cross –sectional observational study*”. *J Asthma*. 2016;53(4):349-55
9. B. Almomani, L. Al-Eitan, **S. Samrah**, M Al-Quasmi, A. McCullough. “*Candidate gene analysis of asthma in a population of Arab descent: A case-control study in Jordan*”. *Per Med*. 2017 Jan;14(1):51-61.
10. Raffee LA, **Samrah SM**, Al Yousef HN, Abeeleh MA, Alawneh KZ. “*Incidence, characteristics, and Survival Trend of Cardiopulmonary Resuscitation Following In-hospital compared to out-of-hospital Cardiac Arrest in Northern Jordan*”. *Indian J Crit Care Med*. 2017 Jul;21 (7):436-441.
11. Khassawneh BY, **Samrah SM**, Jarrah MI, Ibdah RK, Ibnian AM, Almistarehi AW, Zghayer AA, Abuqudairi SI, Khader YS. “*Prevalence of undiagnosed COPD in male patients with coronary artery disease: a cross-sectional study in Jordan*”. *Int J Chron Obstruct Pulmon Dis*. 2018 Sep 13:2759-2766
12. Almomani BA, Al-Eitan LN, Al-Sawalha NA, **Samrah SM**, Al-Quasmi MN. “*Association of genetic variants with level of asthma control in the Arab population*”. *J Asthma Allergy*. 2019 Jan 23; 12: 35-42.

13. Yusef D, Hayajneh W, Awad S, Momany S, Khassawneh B, **Samrah S**, Obeidat B, Raffee L, Al-Faouri I, Bani Issa A, Al Zamel H, Bataineh E, Qdaisat R. “*Large Outbreak of Coronavirus Disease Among Wedding Attendees, Jordan*”. *Emerg Infect Dis*. 2020 May 20;29(9)
14. **Samrah S**, Aleshawi A, Khassawneh B, Lahren K. “*Bronchoscopy in the Diagnosis of Pulmonary Blastomycosis*”. *Int J Infect Dis* 2020 May 1; 96:187-191
15. **Samrah S**, Sweidan A, Aleshawi A, Ayesh M “*Fusarium-Induced Cellulitis in an Immunocompetent Patient with Sick Cell Disease: A Case Report*”. *J Investig Med High Impact Case Rep*. 2020 Jun; volume 8: 1-6.
16. **Samrah S**, Sherida H, Rawashdeh S, Khassawneh B. “*Tricuspid Valve Calcification in Familial Pulmonary Alveolar Microlithiasis: A Case Report*”. *Ann Med Surg (Lond)*. 2020 Jul; 55: 256-259.
17. **Samrah SM**, Al-Mistarehi AW, Ibnian AM, Raffee LA, Momany SM, Al-Ali M, Hayajneh WA, Yusef D, Awad SM, Khassawneh BY. “*COVID-19 outbreak in Jordan: Epidemiological features, clinical characteristics, and laboratory findings*”. *Ann Med Surg*. 2020 Sep; 57: 103-108.
18. Oweis A, Alshelleh S, Momany S, **Samrah S**, Khassawneh B, Al Ali M. “*Incidence, Risk Factors, and Outcome of Acute Kidney Injury in the Intensive Care Unit: A Single-Center Study from Jordan*”. *Critical Care Research and Practice*. July 2020, Volume 2020 Article ID 8753764. <https://doi.org/10.1155/2020/8753764>
19. **Samrah S**, Al-Mistarehi A, Aleshawi A, Khasawneh A, Momany S, Momany B, Abu Za'nouneh F, Keelani T, AlShorman A, Khassawneh B. “*Depression and Coping Among Individuals After 10 Days of Mandatory in-Hospital Quarantine, Irbid, Jordan*”. *Psychol Res Behav Manag*. 2020 Oct 6; 13:823-830.
20. **Samrah S**, Al-Mistarehi A, Kewan T, Al-Khatib S, Ibnian A, Samrah R, Khassawneh B. “*Viral Clearance Course of COVID-19 outbreaks*”. *J Multidiscip Healthc*. 2021;14 555–565
21. Alkhatatbeh M, Almomani H, Abdul-Razzak K, **Samrah S**. “*Association of asthma with low serum vitamin D and its related musculoskeletal and psychological symptoms in adults: a case-control study*”. *npj Primary Care Respiratory Medicine*. *NPJ Prim Care Respir Med*. 2021; 31: 27
22. Hamouri S, **Samrah S**, Albawaih O, Saleh Z, Smadi M, Alhazymeh A, Syaj S. “*Pulmonary Barotrauma in COVID-19 Patients: Invasive versus Noninvasive Positive Pressure Ventilation*”. *Int J Gen Med*. 2021; 14: 2017–2032
23. Felzer J, Fogwe D, **Samrah S**, Michet Jr C, Specks, U, Baqir M, Kubbara, A. “*Association of COVID-19 antigenicity with the development of antineutrophilic cytoplasmic antibody vasculitis*”. *Respirology case reports* 2021;10: e0894. <https://doi.org/10.1002/rcr2.894>

Abstracts Presented at Meetings

1. "Understanding Early Emphysematous – Related changes in the lung". American Thoracic Society, May 2003 and Radiological Society of North America meeting, November 2003.
2. "Lung preparation Technique for Computed Tomography-Pathologic Correlation". American Thoracic Society May 2003.
3. "Bronchial Asthma correlates with vitamin D status of adult women in North Jordan". Poster presentation, ACCP meeting in Chicago, October 2013.
4. A. M. Ibnian, A. W. Al-Mistarehi, A. A. Zghayer, S. I. Abuqudairi, **S. M. Samrah**, M. I. Jarrah, R. K. Ibdah, B. Y. Khassawneh. Undiagnosed chronic obstructive pulmonary disease in patients undergoing cardiac catheterization. *AJRCCM*. 2018;197: A5061
5. Almomani BA, Al-Eitan LN, Al-Sawalha NA, **Samrah SM**, Al-Quasmi MN. "Association of genetic variants with level of asthma control in the Arab population". *CHEST*, 2019; 155(4): 12A
6. **Samrah S**, Sherida H, Rawashdeh S, Khassawneh B "Tricuspid Valve Calcification in Familial Pulmonary Alveolar Microlithiasis; A case report" *CHEST*, 2020; 157(6): A161
7. Felzer J, Fogwe D, **Samrah S**, Michet Jr C, Specks, U, Baqir M, Kubbara, A. "*Association of COVID-19 antigenicity with the development of antineutrophilic cytoplasmic antibody vasculitis*". International Vasculitis and ANCA conference, April 2022: P275

Ongoing approved/funded Research Projects:

1. RALE Scores in predicting Pneumothorax & Pneumomediastinum in ARDS caused by COVID-19
2. Analysis of psychological disorders among Asthma and COPD patients
3. European Society of Intensive Care Medicine COVID-19 project (UNITE-COVID-19)
4. Follow-up Asthma Control in Jordanian female patients with Asthma and Vitamin-D deficiency after treating vitamin-D deficiency