

# TABINDA JAWAID

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## Email:

[Tajawaid2006@hotmail.com](mailto:Tajawaid2006@hotmail.com)

## Medical Education

Baqai Medical College, Pakistan

11/2009 – 01/2015

M.B.B.S

## Certification

ACLS certified, 8/21/2021

Board Certification:

1. Educational Commission for Foreign Medical Graduates (ECFMG)
2. Pakistan Medical and Dental Council

## Awards

1. Distinction in Anatomy (2019): Achieved highest score in Anatomy boards and awarded 2<sup>nd</sup> position in Anatomy exhibition where I presented my prosection model of Head & Neck.

## Work Experience

07/2023 – Present

Average Hours/Week: 55

Resident Physician, Dr. Vidhun Ramapriya, MD

Department on Pathology, Danbury Hospital

- Review of histology cases
- Grossing of surgical specimens and perform frozen sections
- Monthly tumor board presentations, quiz sessions – CTTR, and journal club presentations.

04/2021 – 10/2021

Average Hours/Week: 7

Observer, Dr. Ghassan Tranesh, M.D, MSc, FCAP

Department of Pathology - University of Arizona

- Bi-weekly interactive lectures and discussion on clinical and pathological presentation, Immunohistochemical staining, prognosis, and current research studies on lung disease & neoplasms.
- Presenting topics on PowerPoint of YouTube Pathology lectures posted by Dr. Ghassan.
- Bi-weekly discussion on daily sign out sessions of various pathology cases.

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07/2020 - 07/2020

Average Hours/Week: 9

Observer, Dr. Charles D. Sturgis, MD & Pathology Faculty  
Department of Pathology – Mayo Clinic

- Rotated in genitourinary (GU), cytology, chemistry, frozen lab, gastrointestinal, microbiology, molecular genetics, and heart cutting
- Experienced hematoxylin and eosin (H & E) and immunohistochemical slide preparation, identification, and interpretation of pathological histology slides, and signing out cases
- Formally presented an atypical case to pathology residents and faculty at Mayo Clinic

07/2020 – 12/2021.

Average Hours/Week: 3

Observer, Dr. Loren P. Herrera Hernandez, M.D.  
Department of Renal Pathology – Mayo Clinic

- Identified, interpreted, and discussed the histological presentation & possible differential diagnosis of the renal and genitourinary cases on light microscopy, electron microscopy, and immunofluorescence slides.
- Encountered cases such as testicular cancer, bladder cancer, diabetic nephropathy, focal segmental glomerulonephritis, interstitial nephritis, and IgA nephropathy

02/2020 - 02/2020

Average Hours/Week: 3

Observer, Dr. Joaquin J. Garcia, M.D.  
Department of Pathology – Mayo Clinic

- Visualized Gross specimen cutting, sample and lymph node collection, frozen slide preparation and interpretation for a day
- Encountered cases like an amputated finger, pituitary adenoma, and pancreatic cancer

## Research Experience

03/21/2021-Present

Average Hours/Week: 40

Research Fellow, Dr. Peter C. Harris, Ph.D.  
Polycystic Kidney Disease Genetics Laboratory – Mayo Clinic

- Conducting two separate research on phenotypical variation among different genes of polycystic kidney disease
- Genes studied are: ALG9, and ALG9 mutations (Study 1), COL4A (Study 2), PKHD1 (Study 3 – on hold).
- ALG8 and ALG9: Collection of clinical and radiological data through EPIC software. Data was compared among ALG8, ALG9, and PKD1 and difference were identified and discussed.

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- COL4A: We are interested in looking for variation in kidney presentation of COL4A3/A4/A5 gene mutations. Our work is in two parts:
  - a. Genetic sampling (if present) through sanger and next genome sequencing is performed and data collection of the patients from EPIC.
  - b. Interpretation of imaging of these patients and correlating data.
- Learning to perform polymerase chain reaction (PCR), Western blotting, and Genome sequencing.

01/01/2020 – 03/20/2021

Average Hours/Week: 40

Research Fellow, Dr. Hassan Murad, M.D.

Evidence Based Practice Center – Mayo Clinic

- Extracted and evaluated literature on risk factors, laboratory and radiological findings, precautionary measures, treatment and management plan of COVID-19 during critical period in America. Data was uploaded and updated twice a week in Mayo-intranet. This framework helped first-line healthcare worker to stay updated, and efficient in handling and managing COVID-19 patients at Mayo Clinic.
- Literature extraction, screening, and statistical analysis of the data for systematic review and meta-analysis.

09/2019 – 12/2010

Average Hours/Week: 40

Research Trainee, Dr. Sumera Ahmad, M.B.B.S.

Pulmonary and Critical Care – Mayo Clinic

- Experienced writing IRB protocols
- Command on REDCap software for creating Questionnaires, EPIC software for extraction of clinical data, and JMP software for collection and statistical evaluation of data
- Conducting and participating in focus groups

## **Publications**

### Peer Reviewed Journal Articles/Abstracts (Published)

- Murad, Hassan., Jawaid, Tabinda., Nayfeh, Tarek., Suarez, Meritxell. Suarez., Seisa, Mohamed., Abd-Rabu, Rami., Farah, Magdoleen., Hassan Eltayeb., Firwana, Mohammed., Hassan, Bashar., Shah, Sahrish., Roldan, Victor. Torres., Prokop, Larry., Wang, Zhen. 'A Framework for Evidence Synthesis Programs to Respond to a Pandemic'. Brief report. Mayo Proceedings. 2020, Jun; VOLUME 95(ISSUE 7): P1426-1429. Cited in PubMed; PMID: 32561147. Pub Status: Published.

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- Murad, Hassan. et al. ‘Anticoagulation in COVID-19: a systematic review, meta-analysis, and rapid guidance from the Mayo Clinic’. Mayo Proceedings. 2020, Sep; VOLUME 95(ISSUE 11): P2467-2486. Cited in PubMed; PMID: 33153635. Pub Status: Published.
- Gangat, Naseema., Szuber, Natasha., Jawaid, Tabinda., A.Hanson, Curtis., Pardanani, Animesh., Tefferi, Ayalew. ‘Young platelet millionaires with essential thrombocythemia’. Retrospective cohort study. American Journal of Hematology. 2021, Jan; VOLUME 96(ISSUE 4): PE93-E95. Cited in PubMed; PMID: 33524176. Pub Status: Published.
- Jawaid, Tabinda., Wang, Zhen et al. ‘Association of study design features and treatment effects in trials of chronic medical conditions: a meta-epidemiological study.’ Evidence-Based Medicine.2021, July;1. Cited in PubMed; PMID: 34210673. Pub Status: Published.
- Jawaid, Tabinda., Sturgis, Charles, D., Swanson, Amy, A., Bois, Melanie, C., Folpe, Andrew, L., Rivera, Michael., Hartley, Christopher, P. (2021 Sept).” Lymphangioleiomyomatosis in Lymph Node Cytology: Another “Floating Island” to Visit
- Jawaid, Tabinda., Alsawas, Mouaz., Berti, Alvisa et al. (2021, Aug). "Induction and maintenance of remission with mycophenolate mofetil in ANCA-associated vasculitis: A systematic review and meta-analysis". Clinical Journal of the American Society of Nephrology. Pub Status: Submitted

## Peer Reviewed Journal Articles/Abstracts (Not Published)

- Jawaid, Tabinda., Takahashi, Hiroaki., D. Sturgis, Charles. Not Every Papillary Pancreatic Neoplasm is a Primary: A Very Rare Case of Papillary Thyroid Carcinoma Metastatic to the Pancreas’. Brief Report. Diagnostic Cytopathology.2021, June; Pub Status: Submitted.

## Peer Reviewed Online Publications

- Jawad, Tabinda., Gangat, Naseema., Weister, Timothy., Kashyap, Rahul. (2020, October 15). ‘An Electronic Search Algorithm for Early Disseminated Intravascular Coagulopathy Diagnosis in the Intensive Care Unit: A Derivation and Validation Study.’ <https://www.cureus.com/articles/35878-an-electronic-search-algorithm-for-early-disseminated-intravascular-coagulopathy-diagnosis-in-the-intensive-care-unit-a-derivation-and-validation-study>, Pub Status: Published.

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- Ahmed, Mushtaq., Ejaz, Muzamil., Jahangeer, Ashraf., Khan, Sumaiya., Shaheera, Syeda., Hashmi, Riaz., Jawaid, Tabinda., Nasir, Saad.. (2019, September 14). 'Frequency and Associated Factors of Parental Refusal to Perform Lumbar Puncture in Children with Suspected Central Nervous System Infection: A Cross-sectional Study.'. <https://www.cureus.com/articles/22860-frequency-and-associated-factors-of-parental-refusal-to-perform-lumbar-puncture-in-children-with-suspected-central-nervous-system-infection-a-cross-sectional-study>, Pub Status: Published.

## Peer Reviewed Book Chapter

- Jawaid, Tabinda. (2019-2020). Hypoglycemia, Digoxin toxicity, Beta Blocker intoxication, and Tylenol intoxication. In Gajic. Ognjen. et al. (Ed.), CERTAIN-Checklist for Early Recognition and Treatment of Acute Illness and Injury Online Booklet (pp. Syndrome cards). Rochester: Mayo Foundation for Medical Education and Research (MFMER).

<https://static1.squarespace.com/static/5dfa50b4930b9833ef364f92/t/5ea8a1463b485d0feb99dcdb/1588109638612/abfinal12-18Hypoglycemia.pdf>

<https://static1.squarespace.com/static/5dfa50b4930b9833ef364f92/t/5fa5c0bf20b51a02e16be76f/1604698303308/abedits10-14Digoxin+overdose+AT.pdf>

<https://static1.squarespace.com/static/5dfa50b4930b9833ef364f92/t/5fa5c0db159868364fdcbf01/1604698331496/abedits10-14Beta+blocker+overdose+AT.pdf>

<https://static1.squarespace.com/static/5dfa50b4930b9833ef364f92/t/5faf0d359071527666ff1c65/1605307703212/abedits10-14Tylenol+overdose+AT.pdf>

## Oral Presentation

- Jawaid, Tabinda. (April, 2020). 'Presentation of ALG8 and ALG9 mutation in Liver & Kidney'. Polycystic Kidney Disease Genetic Laboratory Team Meeting - Mayo Clinic; Rochester, MN, USA
- Jawaid, Tabinda. (September, 2020). 'An ovarian mass with two diagnoses' Pathology conference. Mayo Clinic; Rochester, MN, USA.
- Jawaid, Tabinda. (September 2020). 'Quantifying risk.' Oral Presentation presented at: Preventive Medicine research unit weekly conference. Mayo Clinic; Rochester, MN, USA.
- Jawaid, Tabinda. (September 2019). 'Evaluating meaningful patient centered outcomes of critical care illness using electronic medical records' Short show-METRIC conference. Mayo Clinic; Rochester, MN, USA.

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- Jawaid, Tabinda., Shoukat, Sadiq., Ahmed, Iftikhar. (March 2012). 'Suicidal Tendencies among Undergraduate Students – Survey Study.' Oral Presentation presented at: Baqai Medical College - Silver Jubilee Conference; Karachi, Pakistan.

## **Volunteer Experience**

08/2020 – 09/2020

Volunteer, Dr. McLeod, M.B.B.S.

The Salvation Army of Rochester – Rochester, MN

- Front Desk: Data entry and temperature check during COVID-19
- Food pantry check

12/2019 - 12/2019

Average Hours/Week: 8

Guest Scientist, Val Kaliszewski

Century High School - GATEway Science Fair, Rochester, MN

- Introduced basic science to junior school
- Performed and explained the mechanism of pendulum experiment and electromagnet experiment
- Students presented their own creative, science-related experiment in an exhibition at Mayo Clinic

09/2019 - 09/2019

Average Hours/Week: 8

Volunteer, Dr. Rahul Kashyap, M.B.B.S.

Bounce Day Preload - Mayo Clinic, Rochester, MN

- Mentored first year medical student to multiple scenarios and life-saving management & procedures they can perform during mass disaster
- Event included nine stations; intubation practice on a medical simulator, application of a tourniquet in actively bleeding patient, mechanism of actions of few emergency medications, brief therapy to acutely stressed patients, management of spontaneous vaginal delivery on a simulator, and risk factor & prevention of infectious disease