EDITORIAL

- The Silent Casualties: War's Impact on Medical Students and Medical Education
- Time to Treat the Climate and Nature Crisis as One Indivisible Global Health Emergency

ORIGINAL ARTICLE

- Awareness, Coverage, and Barriers to COVID-19 Vaccination among Undergraduate Students in Nigeria
- The Effect of Spaced Repetition Learning Through Anki on Medical Board Exam Performance
- Evaluating Medical Students' Knowledge of Medical Malpractice: A Pilot Study
- Prognostic Factors of Survival in Veno-Arterial ECMO Patients: A Multivariable Logistic Regression Analysis

REVIEW

- A Review of Palliative Care Service Delivery Models and Patient Outcomes for Adults with Cancer in Selected East and Southeast Asian Countries
- A Narrative Review on Quality Improvements for Radiology Clerkships from Medical Student

CASE REPORT

- Pulmonary Thromboembolism in Multidrug-Resistant Tuberculosis: A Case Series Highlighting the Importance of Early Diagnosis and Management
- A Case-Based Discussion Supporting Ethics Education in Medical Schools

INTERVIEW

- The Life of an Editor: Dr. Russell Van Gelder, MD, Ph.D., Editor in Chief of Ophthalmology, the Journal of the American Academy of Ophthalmology

EXPERIENCE

- From Symptoms to Diagnosis: A Medical Student’s Experience in Solving Her Own Mystery
- My Experience Building a Water System in a Small Rural Community in the Dominican Republic
- Mitigating Physician Emigration in Nigeria by Improving the Internship Experience
The International Journal of Medical Students (IJMS) is a peer-reviewed open-access journal (ISSN 2076-6327) created to share the scientific production and experiences of medical students and recently graduated physicians worldwide.
The International Journal of Medical Students (IJMS) is an open-access, peer-reviewed scientific journal (ISSN 2076-6327) that publishes original research in all fields of medicine. The Journal was created in 2009 to share the scientific production and experiences of medical students (i.e., MBBS students, MD students, DO students, MD/MSc students, MD/PhD students, etc.) and recently graduated physicians (<3 years into practice) from all over the world. Our objective is to be the primary diffusion platform for early-career scientists, using standards that follow the process of scientific publication.

The IJMS receives submissions where there is at least one author enrolled as a medical student in any medical school in the world or a recently graduated physician worldwide. For research articles, early-career scientists must be accompanied by a senior researcher that must be also responsible for the research, guaranteeing the quality of the work. We publish Original Articles, Short Communications, Reviews, Case Reports, Interviews, Experiences, and Letters, which follow an innovative and unique two-step, double-masked peer-review process, in brief:

The first step of revisions is carried out by two Student Editors (medical students with publications indexed in the US National Library of Medicine (NLM) with the supervision of an Associate Editor. The aim of this step is to improve the quality of articles and identify those that can proceed to external peer-reviews. The second step of revisions is carried out by external peer-reviewers who are researchers with publications indexed in the NLM related to the topic of the submission.

The time between submission and final publication in most cases has been two to four months depending on the diligence of Peer-Reviewers and Authors.

The International Journal of Medical Students is published online quarterly (March, June, October, December) by the University of Pittsburgh Library System, a member of the Open Access Scholarly Publishers Association, as part of its Pitt Open Library Publishing imprint.

The journal main office is located in the United States of America (USA). Any publication, dissemination or distribution of the information included in the Journal is permitted if the source is cited (Int J Med Stud).

The IJMS acceptance rate in 2022 was 27.5% of the almost 502 submissions. Published articles in 2022 came from 34 different countries. The average days to a first decision is 4 days, 117 for acceptance, and 10 days to decline a submission. The time between submission and final publication in most cases has been three to four months depending on the diligence of Peer-Reviewers and Authors.

The journal's website got over 269 thousand visits only in 2022. The IJMS's reach includes a growing social media presence (more than 20,000 followers on X, Facebook, Instagram, YouTube, and LinkedIn). Only in the last year, the Journal has been visited from nearly every place in the world (+190 countries). You can find more of the IJMS statistics here.

The Journal and the Editorial Board are not responsible for the opinions expressed by the Authors of all materials published, nor do these represent the Official Policy or medical opinion of the Journal or the institutions with which they are affiliated unless otherwise stated.

Open Access Policy

This journal provides immediate open access to its content. Our publisher, the University Library System at the University of Pittsburgh, abides by the Budapest Open Access Initiative definition of Open Access to open access to peer-reviewed research literature as "(...) free availability on the public internet, permitting any users to read, download, copy, distribute, print, search, or link to the full texts of these articles, crawl them for indexing, pass them as data to software, or use them for any other lawful purpose, without financial, legal, or technical barriers other than those inseparable from gaining access to the internet itself. The only constraint on reproduction and distribution, and the only role for copyright in this domain, should be to give authors control over the integrity of their work and the right to be properly acknowledged and cited."

Furthermore, we encourage authors to post their pre-publication manuscript in institutional repositories or on their websites prior to and during the submission process, and to post the Publisher's final formatted PDF version after publication. These practices benefit authors with productive exchanges as well as earlier and greater citation of published work.

There are no article processing charges, submissions fees, or any other costs required of authors to submit, review or publish articles in the IJMS.

Peer Review Process

All papers submitted to the International Journal of Medical Students will undergo a two steps peer-reviewers process. The first step of revisions is carried by two anonymous Student Editors who will work together with one Associate Editor. In the second step, the manuscript will be reviewed by two anonymous reviewers (Editorial Board members, Associate Editors and/or invited reviewers with expertise in the subject matter). Authors will remain anonymous to all the referees.

The IJMS review process guarantees and supports the quality and validity of the work published at the IJMS. Reviewers are given three weeks to complete their tasks.

Reviewers and editors are obliged to retain the contents as privileged and confidential until publication. The Editor in Chief and the Editorial Board will have final authority over an article’s suitability for publication.

The IJMS also strive towards the training of a new generation of Editors and Peer-revewers promoting different training strategies among our Editorial Team that includes the Web of Science Academy courses and the Committee on Publication Ethics (COPE) courses available to its members (IJMS is a member of COPE).
Archiving

This journal utilizes the LOCKSS system to create a distributed archiving system among participating libraries and permits those libraries to create permanent archives of the journal for purposes of preservation and restoration.

License

New articles in this journal are licensed under a Creative Commons Attribution 4.0 International License.

Editorial Office:
1400 Locust Street
Suite 3103
Pittsburgh, PA 15219.
United States of America (USA)
Tel.: 413-232-7884
Fax: 412-232-8966

All full-text articles are available at: www.ijms.info
e-ISSN 2076-6327 (Online)

The International Journal of Medical Students is licensed under a Creative Commons Attribution 4.0 International License.
Issued in Pittsburgh, PA, USA.
# Table of Contents

## Editorial

The Silent Casualties: War's Impact on Medical Students and Medical Education  
Berjo Dongmo Takoutsing, Mihnea-Alexandru Găman, Juan C. Puyana, Francisco J. Bonilla-Escobar.  

Time to Treat the Climate and Nature Crisis as One Indivisible Global Health Emergency  

## Original Article

Awareness, Coverage, and Barriers to COVID-19 Vaccination among Undergraduate Students in Nigeria  

The Effect of Spaced Repetition Learning Through Anki on Medical Board Exam Performance  
Spencer W. Cooper, Nicole Twardowski, Michael Vogel, Daniel Perling, Rebecca Ryznar.

Evaluating Medical Students’ Knowledge of Medical Malpractice: A Pilot Study  
Nia Nikkhahmanesh, Paul Kang, Eric vanSonnenberg.

Prognostic Factors of Survival in Veno-Arterial ECMO Patients: A Multivariable Logistic Regression Analysis  
Andrew Jones, George Olverson IV, Wayne Wong, Rohun Bhagat, Clauden Louis.

## Review

A Review of Palliative Care Service Delivery Models and Patient Outcomes for Adults with Cancer in Selected East and Southeast Asian Countries  
Chun-Yi Tseng, Natalia Calanzani.

A Narrative Review on Quality Improvements for Radiology Clerkships from Medical Student  
Seon Hayles, Kelsey Williams, Nidhi Thomas, Jabari Morgan, Donna Braham, Maxine Gossell-Williams, Jonathan D. Ho.
Case Report
Pulmonary Thromboembolism in Multidrug-Resistant Tuberculosis: A Case Series Highlighting the Importance of Early Diagnosis and Management
Vikas Marwah, Gaurav Bhati, Robin Choudhary, Anmol Sharma.

A Case-Based Discussion Supporting Ethics Education in Medical Schools
Liliana R. Ladner, Mark G. Swope, Phyllis Whitehead.

Interview
The Life of an Editor: Dr. Russell Van Gelder, MD, Ph.D., Editor in Chief of Ophthalmology, the Journal of the American Academy of Ophthalmology
Malina-Maria Cernatescu, Juan C. Puyana, Francisco J. Bonilla-Escobar.

Experience
From Symptoms to Diagnosis: A Medical Student’s Experience in Solving Her Own Mystery
Madeline Franke.

My Experience Building a Water System in a Small Rural Community in the Dominican Republic
Rosemary Wright.

Mitigating Physician Emigration in Nigeria by Improving the Internship Experience