»Medical Education Beyond Borders«

Launch 1993
Countries in Transition

Founding Partners
American Austrian Foundation
Open Society Foundations
Weill Cornell Medicine

Mission
Preventing Brain Drain
Promoting Brain Gain

Location
Salzburg | Austria

Fellowships 27,140
Countries 130
Observerships 3,571
Faculty 2,524
Seminars & OMiinars 835
<table>
<thead>
<tr>
<th>Mission</th>
<th>Description</th>
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<tbody>
<tr>
<td>IMPROVE</td>
<td>Improve healthcare in countries in transition</td>
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<tr>
<td>PROMOTE</td>
<td>Promote brain gain and prevent brain drain</td>
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<tr>
<td>PROVIDE</td>
<td>Provide state-of-the-art postgraduate education and training</td>
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<tr>
<td>EMPOWER</td>
<td>Empower healthcare professionals</td>
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<tr>
<td>REBUILD</td>
<td>Rebuild healthcare pyramid</td>
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**BRAIN DRAIN**

Skilled medical migration is caused by numerous factors such as remuneration, working conditions, access to technology and continuing education, prospects for career development, social recognition, and/or political climate. It threatens the functioning of local healthcare systems and hinders medical progress worldwide.

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**BRAIN GAIN**

After the breakdown of the Soviet Union, which resulted in a large exodus of young doctors from the East to the West, the Open Medical Institute decided to take action. This anti-brain drain program equips doctors with state-of-the-art knowledge and skills to significantly improve healthcare delivery in their home countries. Through the OMI, they become part of an international network of professionals that they may consult with for the rest of their careers.
OMI | PROMOTING BRAIN GAIN

DEVELOPMENTAL PROGRAMS

Long-term Fellowships
Single Opportunities
Research Focus
High-level Training

OPEN MEDICAL INSTITUTE

Short-term Fellowships
Multiple Opportunities
Clinical Focus
High-level Mentoring

BRAIN DRAIN

BRAIN GAIN
OMI | EDUCATIONAL APPROACH

STEP 1
Knowledge Transfer

OMI SEMINARS & OMINARS

STEP 2
Experience Exchange

OMI OBSERVERSHIPS

STEP 3
Capacity Building

OMI SATELLITE SYMPOSIA

STEP 4
Career Building

OMI LEADERSHIP PROGRAM
One-week, intensive courses in all areas of medicine

**Faculty**: world-renowned experts from leading American and European institutions donate their time and expertise

**Fellows**: 36 highly qualified, English-speaking, mid-career level physicians from countries in transition, competitive selection

**Certified courses** (DFP, CME)

**Outline**: state-of-the-art lectures, case presentations, workshops, hands-on training, pre-/post-tests

**Didactics**: Anglo-saxon approach, interaction

**Networking opportunities**, lasting collegial relationships

Fellowships cover **travel, tuition, course materials, full board**
## OMI | SEMINAR TOPICS

<table>
<thead>
<tr>
<th>Medical Specialty</th>
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<tr>
<td>Anesthesiology and Intensive Care</td>
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<tr>
<td>Bone and Joint Surgery</td>
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<tr>
<td>Cardiology</td>
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<tr>
<td>Cardiotoracic Surgery</td>
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<td>Dermatology</td>
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<td>Diabetes</td>
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<td>Diagnostic Imaging</td>
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<td>End-of-Life Nursing</td>
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<tr>
<td>Family Medicine</td>
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<tr>
<td>General Surgery</td>
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<tr>
<td>Infectious Diseases</td>
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<td>Internal Medicine</td>
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<td>Lipid Metabolism and Atherosclerosis</td>
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<td>Maternal and Infant Health</td>
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<tr>
<td>Neurology</td>
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<tr>
<td>Neurosurgery (Brain)</td>
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<td>Neurosurgery (Spine)</td>
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<tr>
<td>Obstetrics and Gynecology</td>
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<tr>
<td>Ophthalmology</td>
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<tr>
<td>Otolaryngology</td>
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<tr>
<td>Otology and Temporal Bone Surgery</td>
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<td>Palliative Care</td>
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<td>Pathology</td>
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<td>Psychiatry</td>
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<td>Pulmonology</td>
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<td>Rehabilitation Medicine</td>
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<td>Trauma and Emergency Surgery</td>
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<td>Urology</td>
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<td>Oncology</td>
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<td>Pediatrics</td>
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<td>Medical Education</td>
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<td>Medical Leadership</td>
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<td>Medical Quality and Patient Safety</td>
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<td>Medical Informatics</td>
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<td>Clinical Research Methods</td>
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<td>Public Health</td>
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<td>Public Health Law</td>
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<td>Global Health</td>
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CAREER BUILDING

Interdisciplinary program for future leaders

Enabling OMI alumni to assume leadership roles in the healthcare systems of their countries

Medical Education
Medical Leadership
Medical Quality and Patient Safety

Medical Informatics
Clinical Research Methods
Public Health & Public Health Law
Global Health
OMI | GLOBAL PENETRATION (1993-2023)

27,140 FELLOWSHIPS
130 COUNTRIES

1,322 Western Europe
17,521 Central & Eastern Europe
5,708 South Caucasus & Central Asia

1,040 North & South America
517 Middle East
238 South Asia & Oceania

794 Africa
Overall Applications: 94,041
Overall Participations: 26,324

Applications

Participations


Overall Applications
Overall Participations
OMI | IN-DEMAND PROGRAMS

Applications and Participations Over Time

OMI NETWORK
Looking back at the week I feel very thankful and privileged to be able to have such an educational and transformative experience. It positively formed not only my approach as a clinician, but it taught me to constantly look for ways to better our practice.

Silvia Krestová, MD
OMI fellow from Czech Republic

Today was unforgettable. We had a hands-on training session with cadavers, in which we were taught and guided in procedures such as TLIF, cervical decompression, lateral mass screw insertion, and the use of neuronavigation. I learned for the first time how to use neuronavigation to insert pedicle screws.

Simon Bulungun, MD
OMI fellow from Nigeria

This has been a terrific experience that exceeded my expectations in every sense. Right now, I can only wish to participate again and help other people from Uruguay to take part in an OMI seminar.

Andres Kamal, PhD
OMI fellow from Uruguay

It was an honor to be able to listen to Dr. Anne M. Kelly, a woman who is so experienced and accomplished in her field, and to realize how we are gaining a lot of ground in the field of orthopedics, which used to be a predominantly male field.

Patricia Díaz Pita, MD
OMI fellow from Mexico
We have recently identified patients with cystic fibrosis in Ethiopia. As we do not have an established screening program in our country, it was an honor to attend the lecture of Dr. Eber, an expert in this field.

Nael Arqawi, MD
OMI fellow from Ethiopia

When I signed up for this seminar, I never thought that this would be one of the best experiences of my career thus far.

Carolina Andrade, MD
OMI fellow from Portugal

I took part in an eye-opening workshop on difficult conversations. We did multiple role plays and I felt myself improving each time we practiced. I can’t wait to try to use all this knowledge back home and to share it with my colleagues.

Ahmad Shuwehdi, MD
OMI fellow from Qatar

If I had to describe the past seven days in a few words, I would say adventurous, fun, and enlightening. It was a memorable week. Thank you, OMI, for granting me the opportunity of a lifetime!

Khulnaa Batjig, MD
OMI fellow from Mongolia
Byambasuren Luvsandagva, MD
Chief of the Department of Otolaryngology
First Central Hospital of Mongolia
Ulaanbaatar | Mongolia

Implementation of Cochlear Implant Surgery

OMI Journey

Seminars
2002 Otolaryngology
2009 Otolaryngology
2016 Otology and Temporal Bone Surgery

Observerships
2005 Otolaryngology
2010 Otolaryngology
2022 Otolaryngology
Cochlear Implant Surgery: Giving the Gift of Hearing

Dr. Ulziibayar Agvaandorj and Dr. Byambasuren Luvsandagva received intense training by the Open Medical Institute via seminars and observerships.

OMI faculty Dr. Gerd Rasp, General Hospital of Salzburg, linked MED-EL, a leading provider of hearing implant systems, with the Mongolian ENT team.

After ethical permission, Dr. Agvaandorj and Dr. Luvsandagva performed the first cochlear implant surgery in Mongolia under Dr. Rasp’s supervision.

200 cochlear implant surgeries (60% children, 40% adult; 70% congenital, 30% acquired)
> 30 sound bridge and bone bridge surgeries
Lubica Kováčiková, MD, PhD
Chief of the Department of Cardiac Critical Care and Anesthesiology
Pediatric Cardiac Center | National Institute of Cardiovascular Diseases
Bratislava | Slovakia

Establishment of Modern Pediatric Cardiac Center

OMI Journey

Seminars
2003 Pediatric Cardiology
2008 Pediatric Emergency Medicine
2010 Pediatric Anesthesia and Critical Care
2011 Cardiac Imaging
2014 Medical Leadership
Pediatric Cardiac Center: Saving Children’s Lives

Established in 2012

Provides comprehensive medical care for children with heart diseases in Slovakia

- 800 admissions, 300 surgeries, 8,500 outpatient visits annually

Cooperation with Open Medical Institute and Children’s Hospital of Philadelphia

- Clinical teaching and supervision through CHOP experts in Bratislava
- Observerships of Slovak doctors at CHOP and Austria
- CHOP update conferences for Slovak doctors and nurses
- Videoconferences to discuss complex patient cases with CHOP experts
- Financial support for medical equipment and videoconference devices
Remigius Rugakingila, MD
Chief of the Department of Urology and Andrology
Benjamin Mkapa Hospital

Dodoma | Tanzania

Creation of Modern Urology Center

OMI Journey

Seminars
2015 Pediatric Urology
2016 ESU Master Class in Urology
2019 ESU Master Class in Urology
2021 Pediatric Urology

Observerships
2017 Urology
2020 Urology
The Open Medical Institute enabled me to establish a urological department at the Benjamin Mkapa Hospital in Dodoma, Tanzania. During an in-country visit, the OMI faculty taught us tips and tricks of laparoscopic surgery. These were the first laparoscopic kidney and adrenal surgeries performed in our hospital, and they will help to kick off our journey in this field. Their input on how to improve patient care and our clinical practice will help us grow.
Daniela Efremova, MD
Department of Neurology
Nicolae Testemitanu State University of Medicine and Pharmacy
Chisinau | Moldova

Development of Primary Stroke Prevention Project

OMI Journey

Seminars
2014 Neurology
2016 Neurology
2016 Medical Informatics
2017 Neurology
2018 Neurology
2021 Neurology

Observerships
2015 Neurology
Primary Stroke Prevention Project: Reducing the Risk of Stroke

2014

**Training** in the Department of Neurology, General Hospital of Salzburg by OMI faculty Dr. Eugen Trinka: How to run a stroke prevention center? How to perform Doppler/Duplex examination of the carotid arteries?

**Founding of Stroke Prevention Center** at the Institute of Emergency Medicine, Chisinau

2014, 2017

Donation of **Doppler/Duplex devices** by OMI and Austrian Development Agency

2015 - 2019

Screening Programs: **Examination of 2,209 subjects**

2023

**Publication** of study results in Journal of Cardiovascular Development and Disease:
“Dissecting the Spectrum of Stroke Risk Factors in an Apparently Healthy Population: Paving the Roadmap to Primary Stroke Prevention”
Peter Krcho, MD
Head of the Neonatal Intensive Care Unit
University Hospital of P. J. Šafárik
Košice | Slovakia

Establishment of Neonatal Intensive Care Unit

OMI Journey

Seminars
1997 Neonatology
2000 Maternal and Infant Health
2002 Neonatology
2006 Maternal and Infant Health
2006 Making Pregnancy Safer
2007 Making Pregnancy Safer

2012 Maternal and Infant Health
2013 Maternal and Infant Health
2014 Roma Health
2015 Maternal and Infant Health
2016 Migrant and Minority Health
We treat the most complicated cases of newborns from Eastern Slovakia. In the past 25 years, we have closely collaborated with Dr. Richard Polin, Dr. Steven Donn, and other OMI faculty members. The knowledge received in Salzburg and the possibility to consult with these experts saved the lives of hundreds of newborns. Since 2002, with the support of the OMI, we have organized the Košice Neonatology Conference.
Jorge E. Valdez-Garcia, MD
Chief Strategic Relations Officer
TecSalud | Tecnologico de Monterrey Academic Health System
Mexico City | Mexico

Building Leadership in Healthcare

OMI Journey

Seminars
2011 Medical Education
2022 Economic Evaluation in Healthcare
2022 OMI MEX Medical Education
2023 OMI MEX Ophthalmology
Dr. Jorge E. Valdez-Garcia is an opinion leader in the healthcare system of Mexico. He served for 12 years as Dean of the School of Medicine and Health Sciences of Tecnologico de Monterrey. In 2023, he was appointed Chief Strategic Relations Officer of TecSalud.

Ophthalmologist
Diplomas in Medical Leadership, Health Sciences, and Research
General Director of Planning and Development in Health and
General Director of Quality and Health Eduaction of the Ministry of Health
Chair of National and International Medical Associations
Editor and Member of Editorial Boards
Fellow of the Mexican Adacemy of Surgery
Founding Member of the National Academy of Medical Education
Past President of the Pan American Ophthalmology Foundation
President of the Mexican Association of Faculties and Schools of Medicine
»Medical Education Beyond Borders«
OMI | EDUCATIONAL APPROACH

- **STEP 1**
  Knowledge Transfer

- **STEP 2**
  Experience Exchange

- **STEP 3**
  Capacity Building

- **STEP 4**
  Career Building

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- **OMI SEMINARS & OMINARS**
- **OMI OBSERVERSHIPS**
- **OMI SATELLITE SYMPOSIA**
- **OMI LEADERSHIP PROGRAM**
One to three-month stays in Austrian hospitals or research institutions

Observers: qualified OMI seminar alumni, competitive selection

Clinical Observerships: clinical skills, new techniques and treatment protocols, modern hospital management, opportunities for scientific and educational collaborations

Research Observerships: research projects, research tools

Observerships cover travel, accommodation, pocket money
OMI | OBSERVERSHIPS

3,571 OBSERVERSHIPS
55 COUNTRIES

Western Europe: 40
Central & Eastern Europe: 2,363
South Caucasus & Central Asia: 1,100
North & South America: 13
Middle East: 5
Africa: 46
South Asia & Oceania: 4
OMI | SATELLITE SYMPOSIA

CAPACITY BUILDING

Medical conferences initiated by OMI fellows

OMI faculty travels to OMI fellows’ home countries to teach local healthcare professionals

One to two days, including a mixture of didactic lectures, case presentations, hospital visits, and round table discussions

OMI covers travel and accommodation for one or two international faculty members
280 SATELLITE SYMPOSIA
31 COUNTRIES

Central & Eastern Europe: 172
South Caucasus & Central Asia: 72
North & South America: 31
Africa: 2
Middle East: 3
Open Medical Institute

STEP 1
Capacity Building

STEP 2
Knowledge Transfer

STEP 3
Launch
2010

Founding Partners
Open Medical Institute
Alianza Médica para la Salud
(Pablo Legorreta)

Mission
Improving Healthcare in Mexico and Latin America

Location
Mexico City & Oaxaca | Mexico

742
OMI Fellowships

>2,000
OMI MEX Fellowships

46
OMI MEX Seminars & OMInars

»Medical Education Beyond Borders«
»Medical Education Beyond Borders«
Definition of Chronic Rhinosinusitis

- ≥12 weeks of:
  - Two or more of the following symptoms:
    - Nasal discharge (rhinorrhea or post-nasal drip)
    - Nasal obstruction or congestion
    - Hyposmia
    - Facial pressure or pain
    - Cough (in Pediatric CRS)
  - One of more of the following objective findings:
    - Evidence of inflammation on endoscopy or sinus CT
    - Evidence of purulence coming from sinuses or OMC
  - CRS is divided into CRSsNP or CRSwNP
CHOP Online Pediatric Education Network (OPEN)

Children’s Hospital of Philadelphia (CHOP) values advancing care through knowledge exchange with our colleagues around the world. As a thought leader of pediatric healthcare and home to the latest breakthroughs, CHOP recognizes the growing demand for online professional education.

CHOP’s Online Pediatric Education Network (OPEN) provides pediatric medical education to healthcare professionals from around the world. Within the department of Global Pediatric Education, CHOP OPEN provides access to the latest advances in pediatric care, clinical educational resources and more. Begin exploring now to access educational offerings developed by CHOP faculty and practitioners.
WE BELIEVE IN…

- Short-term educational programs
- Multiple opportunities to participate
- Programs tailored to the needs of the participants
- Ongoing contact and communication after return
- Career-long peer to peer mentoring
Federal Ministry
Republic of Austria
Education, Science
and Research

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FOUNDATIONS

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DONORS

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LAND SALZBURG
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ROYALTY PHARMA

Austrian
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UniCredit
Leica

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WÜRTH
wustenrot

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