OPEN MEDICAL INSTITUTE
Medical Education Beyond Borders
a program of the American Austrian Foundation
MISSION STATEMENT

IMPROVE
Healthcare in Countries in Transition

PROMOTE
Brain Gain and Prevent Brain Drain

PROVIDE
State-of-the-art Postgraduate Medical Education and Training

EMPOWER
Healthcare Professionals

REBUILD
The Healthcare Pyramid

Medical Education Beyond Borders

Open Medical Institute © 2017
Problem

• Healthcare systems in Central & Eastern Europe and the Newly Independent States near collapse after breakdown of the Soviet Union (1990)
• Top down hierarchy with few opportunities for young doctors to advance
• Large exodus of Eastern European doctors to Western Europe and the US
• Similar conditions exist today in other countries in transition
Solution

• High-level, and highly-specialized medical educational programs for mid-career level, English speaking physicians – **KNOWLEDGE TRANSFER**

• Instead of long-term fellowships only short-term programs with multiple opportunities & long term mentoring – **EXPERIENCE EXCHANGE**

• Several leading U.S. & E.U. medical institutions provide ongoing support – Physicians donate their time & expertise – **CAPACITY BUILDING**

• Austrian Government, OSF and other NGOs and the international medical community agree to fund and host program
Founding Institutions

Goal: prevent Brain Drain – promote Brain Gain
THREE-STEP APPROACH TO CAPACITY BUILDING

STEP 1
Knowledge Transfer

STEP 2
Experience Exchange

STEP 3
Capacity Building

Salzburg Medical Seminars

Clinical and Research Observerships

Symposia, e-learning, Open Medical Clubs
OMI Salzburg Medical Seminars

**Fellows**
one week seminars in Salzburg; 30 to 40 English-speaking mid-career level physicians; Selection based on merit;

**Faculty**
World-renowned faculty donate their time and expertise

Knowledge Transfer, Networking Opportunities, Lasting Collegial Relationships

... Senior Colleagues Help Junior Colleagues
OMI SALZBURG MEDICAL SEMINAR TOPICS

**Seminars with 3-year Curricula:**
- Anesthesiology
- Bone and Joint Surgery
- Cardiac Imaging
- Cardiac Surgery
- Cardiology
- Cranial Neurosurgery
- Dermatology
- Diagnostic Imaging
- ESU Masterclass in Urology
- Infectious Diseases
- Maternal & Infant Health
- Neurology
- Neurosurgery
- OB/GYN
- Oncology
- Ophthalmology
- Otolaryngology
- Pathology
- Psychiatry
- Rehabilitation Medicine
- Surgery
- Trauma & Emergency Surgery

**Pediatric Seminars:**
- Behavioral Pediatrics & Child Development
- Pediatric Cardiology
- General Pediatrics
- Pediatric Emergency Medicine
- Neonatology
- Pediatric Urology
- Pediatric Pulmonology/Asthma
- Pediatric Anesthesiology/Critical Care
- Pediatric Neurology/Metabolism
- Pediatric Emergency Medicine
- Pediatric Gastroenterology
- Pediatric Orthopedics
- Pediatric Infectious Diseases
- Pediatric Allergy/Immunology
- Pediatric Emergency Medicine
- Pediatric Radiology
- Pediatric Hematology/Oncology
- Pediatric Endocrinology/Nephrology

**Leadership Seminars:**
- Medical Education
- Medical Leadership
- Applied Clinical Research
- Medical Quality & Patient Safety
- Clinical Informatics
- Law & Health
- Public Health:
  - Transgender
  - Changing the Narrative on Roma Health
  - Palliative Care
  - Effective Drug Treatment
  - Family Medicine
  - Internal Medicine
  - Migrant & Minority Health

<table>
<thead>
<tr>
<th>Region</th>
<th>Fellowships</th>
<th>Countries</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Central &amp; Eastern Europe</strong></td>
<td>13,668</td>
<td>Albania, Belarus, Bosnia &amp; Herzegovina, Bulgaria, Croatia, <strong>Czech Republic 889</strong>, Estonia, Hungary, Kosovo, Latvia, Lithuania, Macedonia, Moldova, Montenegro, Poland, Romania, <strong>Russia 1,918</strong>, Serbia, Slovakia, Slovenia, Ukraine</td>
</tr>
<tr>
<td><strong>South Caucasus &amp; Central Asia</strong></td>
<td>4,262</td>
<td>Armenia <strong>1,003</strong>, Azerbaijan, Georgia, Kazakhstan, Kyrgyzstan, <strong>Mongolia 480</strong>, Tajikistan, Turkmenistan, Uzbekistan</td>
</tr>
<tr>
<td><strong>Western Europe</strong></td>
<td>733</td>
<td>Austria <strong>307</strong>, Belgium, Cyprus, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, <strong>United Kingdom 49</strong></td>
</tr>
<tr>
<td><strong>North &amp; South America</strong></td>
<td>474</td>
<td>Argentina, Belize, Brazil, Canada, Chile, Colombia, Jamaica, <strong>Mexico 306</strong>, Peru, Suriname, Trinidad &amp; Tobago, Uruguay, USA, Venezuela</td>
</tr>
<tr>
<td><strong>Africa</strong></td>
<td>376</td>
<td>Botswana, Burkina Faso, Cameroon, Congo, Egypt, Ethiopia, Gabon, Gambia, Ghana, Kenya, Malawi, Mauritius, Morocco, Mozambique, Namibia, Nigeria, Rwanda, Senegal, South Africa, Sudan, <strong>Tanzania 177</strong>, Uganda, Zambia, Zimbabwe</td>
</tr>
<tr>
<td><strong>Middle East</strong></td>
<td>302</td>
<td>Iran, Iraq, Israel, Jordan, Kuwait, Lebanon, Palestine Territories, <strong>Qatar 80</strong>, Saudi Arabia, <strong>Turkey 158</strong>, United Arab Emirates, Yemen</td>
</tr>
<tr>
<td><strong>Southeast Asia &amp; Oceania</strong></td>
<td>183</td>
<td>Afghanistan, Australia, Bangladesh, Bhutan, Cambodia, <strong>China 32</strong>, India, Indonesia, Japan, Laos, Malaysia, Myanmar, Nepal, New Zealand, Pakistan, Papua New Guinea, Philippines, Singapore, Sri Lanka, Thailand, Vietnam</td>
</tr>
</tbody>
</table>

**Fellowships:** 19,998  
**Countries:** 119
GLOBAL PENETRATION OF THE OMI, 1993–2017

Central & Eastern Europe 13,668

South Caucasus & Central Asia 4,262

Western Europe 733

North & South America 474

Africa 376

Middle East 302

Southeast Asia & Oceania 183

<100 Participants/ Country

>100 Participants/ Country
OMI – Clinical Observerships

All Seminar Alumni are eligible for up to 3 x 1-month Clinical Observerships in Austrian and American Hospitals

- Hands-on Training – Experience Exchange
- New Techniques and Treatment Protocols
- Build Cross-Border Professional and Personal Relationships
- Establish Joint Research Projects and Collaborative Studies
### OMI Observerships by Country, 1993–2017

<table>
<thead>
<tr>
<th>Region</th>
<th>Observers</th>
<th>Countries</th>
</tr>
</thead>
<tbody>
<tr>
<td>Central &amp; Eastern Europe</td>
<td>1,624</td>
<td>29</td>
</tr>
<tr>
<td>South Caucasus &amp; Central Asia</td>
<td>758</td>
<td>12</td>
</tr>
<tr>
<td>Africa</td>
<td>38</td>
<td>5</td>
</tr>
<tr>
<td>North &amp; South America</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Southeast Asia &amp; Oceania</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>Middle East</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Western Europe</td>
<td>2</td>
<td>2</td>
</tr>
</tbody>
</table>

Total Observers: 2,432  
Total Countries: 40  
Total Observership (months): 3.237
OMI Symposia & Visiting Professorships

- 2–3 days In-Country Symposia or Visiting Professorships
- Reach a Larger Audience of Local Healthcare Professionals

Regional Faculty + Organized by Local Fellow + International Faculty
## OMI Symposia, 2000–2017

<table>
<thead>
<tr>
<th>Region</th>
<th>Number</th>
<th>Countries</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Central &amp; Eastern Europe</strong></td>
<td>145</td>
<td>Albania, Bulgaria, Croatia, Czech Republic, Estonia, Hungary, Kosovo, Latvia, Lithuania, Macedonia, Moldova, Montenegro, Poland, Romania, Russia, Serbia, Slovakia, Slovenia, Ukraine</td>
</tr>
<tr>
<td><strong>South Caucasus &amp; Central Asia</strong></td>
<td>55</td>
<td>Armenia, Azerbaijan, Georgia, Kazakhstan, Kyrgyzstan, Mongolia, Uzbekistan</td>
</tr>
<tr>
<td><strong>Western Europe &amp; Americas</strong></td>
<td>15</td>
<td>Austria, Mexico</td>
</tr>
<tr>
<td><strong>Middle East</strong></td>
<td>2</td>
<td>Qatar</td>
</tr>
<tr>
<td><strong>Africa</strong></td>
<td>1</td>
<td>Tanzania</td>
</tr>
</tbody>
</table>

**OMI Symposia:** 218  
**Countries:** 30
Distance Learning

**Video Conferences**

**OMI Handbook Online**

**Scientific Case Library**

**CHOP Open**
Open Educational Resource for Pediatricians worldwide offered by The Children’s Hospital of Philadelphia and OMI

**OMC**
Open Medical Club
Local OMCs Represent & Promote the OMI Programs in the Region
CAPACITY BUILDING – VIRTUOUS CIRCLE

1. MEDICAL SEMINARS
   KNOWLEDGE TRANSFER

2. OBSERVERSHIPS
   EXPERIENCE EXCHANGE

3. SATELLITE SYMPOSIA / VISITING PROFESSORSHIP
   CAPACITY BUILDING

FACULTY → OBSERVERS → FELLOW

Open Medical Institute © 2017
THREE-STEP APPROACH TO CAPACITY BUILDING

STEP 1: Knowledge Transfer
- Salzburg Medical Seminars

STEP 2: Experience Exchange
- Clinical and Research Observerships

STEP 3: Capacity Building
- Symposia, e-learning, Open Medical Clubs

STEP 4: Leadership Program
- Clinical Science & Health Policy
  - Medical Education
  - Medical Leadership
  - Medical Quality & Patient Safety
  - Applied Clinical Research
  - Clinical Informatics
Existing Developmental Programs

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

Brain Drain

Open Medical Institute

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

Brain Gain
as % age of the National Physician Population

<table>
<thead>
<tr>
<th>COUNTRY</th>
<th>FELLOWSHIPS AWARDED</th>
<th>TOTAL NUMBER OF PHYSICIANS</th>
<th>% OF TOTAL PHYSICIANS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Montenegro</td>
<td>243</td>
<td>1.251</td>
<td>19.42%</td>
</tr>
<tr>
<td>Albania</td>
<td>532</td>
<td>3.696</td>
<td>14.39%</td>
</tr>
<tr>
<td>Armenia</td>
<td>1.003</td>
<td>8.355</td>
<td>12.00%</td>
</tr>
<tr>
<td>Tanzania</td>
<td>177</td>
<td>1.481</td>
<td>11.95%</td>
</tr>
<tr>
<td>Estonia</td>
<td>522</td>
<td>4.372</td>
<td>11.94%</td>
</tr>
<tr>
<td>Macedonia</td>
<td>511</td>
<td>5.364</td>
<td>9.53%</td>
</tr>
<tr>
<td>Slovenia</td>
<td>387</td>
<td>5.121</td>
<td>7.56%</td>
</tr>
<tr>
<td>Latvia</td>
<td>446</td>
<td>6.456</td>
<td>6.91%</td>
</tr>
<tr>
<td>Mongolia</td>
<td>480</td>
<td>7.584</td>
<td>6.33%</td>
</tr>
<tr>
<td>Moldova</td>
<td>552</td>
<td>10.060</td>
<td>5.49%</td>
</tr>
<tr>
<td>Croatia</td>
<td>685</td>
<td>12.490</td>
<td>5.48%</td>
</tr>
<tr>
<td>Lithuania</td>
<td>736</td>
<td>13.552</td>
<td>5.43%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>COUNTRY</th>
<th>FELLOWSHIPS AWARDED</th>
<th>TOTAL NUMBER OF PHYSICIANS</th>
<th>% OF TOTAL PHYSICIANS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bosnia Herzegovina</td>
<td>349</td>
<td>6.664</td>
<td>5.24%</td>
</tr>
<tr>
<td>Slovakia</td>
<td>728</td>
<td>16.201</td>
<td>4.49%</td>
</tr>
<tr>
<td>Serbia</td>
<td>761</td>
<td>20.825</td>
<td>3.65%</td>
</tr>
<tr>
<td>Kyrgyzstan</td>
<td>374</td>
<td>10.698</td>
<td>3.50%</td>
</tr>
<tr>
<td>Georgia</td>
<td>536</td>
<td>18.235</td>
<td>2.94%</td>
</tr>
<tr>
<td>Czech Republic</td>
<td>887</td>
<td>38.171</td>
<td>2.32%</td>
</tr>
<tr>
<td>Tajikistan</td>
<td>295</td>
<td>13.247</td>
<td>2.23%</td>
</tr>
<tr>
<td>Hungary</td>
<td>595</td>
<td>29.500</td>
<td>2.02%</td>
</tr>
<tr>
<td>Bulgaria</td>
<td>483</td>
<td>28.384</td>
<td>1.70%</td>
</tr>
<tr>
<td>Azerbaijan</td>
<td>482</td>
<td>32.335</td>
<td>1.49%</td>
</tr>
<tr>
<td>Romania</td>
<td>731</td>
<td>51.153</td>
<td>1.43%</td>
</tr>
<tr>
<td>Qatar</td>
<td>80</td>
<td>6.919</td>
<td>1.16%</td>
</tr>
</tbody>
</table>

Per June 2017

Source: http://apps.who.int/gho/data/node.main.A1443?lang=en
## CAPACITY BUILDING – BRAIN GAIN

<table>
<thead>
<tr>
<th>COUNTRY</th>
<th>TOTAL</th>
<th>IN COUNTRY</th>
<th>ABROAD</th>
<th>UNKNOWN &amp; ATTRITION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>n</td>
<td>n</td>
<td>n</td>
<td>n</td>
</tr>
<tr>
<td>Estonia*</td>
<td>402</td>
<td>388</td>
<td>10</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>97%</td>
<td>2%</td>
<td>1%</td>
</tr>
<tr>
<td>Latvia*</td>
<td>344</td>
<td>320</td>
<td>12</td>
<td>11</td>
</tr>
<tr>
<td></td>
<td></td>
<td>93%</td>
<td>3%</td>
<td>3%</td>
</tr>
<tr>
<td>Lithuania*</td>
<td>543</td>
<td>519</td>
<td>19</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td></td>
<td>96%</td>
<td>3%</td>
<td>1%</td>
</tr>
<tr>
<td>Hungary</td>
<td>467</td>
<td>397</td>
<td>52</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td></td>
<td>85%</td>
<td>11%</td>
<td>4%</td>
</tr>
<tr>
<td>Macedonia</td>
<td>404</td>
<td>391</td>
<td>13</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td></td>
<td>97%</td>
<td>3%</td>
<td>2%</td>
</tr>
<tr>
<td>Georgia</td>
<td>348</td>
<td>341</td>
<td>7</td>
<td>19</td>
</tr>
<tr>
<td></td>
<td></td>
<td>98%</td>
<td>2%</td>
<td>5%</td>
</tr>
<tr>
<td>Mongolia</td>
<td>412</td>
<td>329</td>
<td>22</td>
<td>61</td>
</tr>
<tr>
<td></td>
<td></td>
<td>80%</td>
<td>5%</td>
<td>15%</td>
</tr>
<tr>
<td>Tanzania</td>
<td>84</td>
<td>83</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>99%</td>
<td>1%</td>
<td>0%</td>
</tr>
</tbody>
</table>

Per December 2016
*Per December 2015

Information source: E-mails responded, Physicians’ Register, University Hospital Register, Google search
CAPACITY BUILDING – OMI SUCCESS STORIES

Dr. Peter Krcho
Kosice, Slovakia
Established the first Neonatal Clinic & NICU in Slovakia.
Attended 8 OMI Seminars, 4 times faculty member

Dr. Artur Avetisyan
Armenia
Appointed Deputy Director of the National Centre of Oncology in Yerevan, Armenia, after participating in the Observership.
Attended 2 OMI Seminars and 1 Observership, Organized 2 in country Symposia

Dr. Sergey Chernov
Russia
Appointed Head of the Department of Neurooncology at the Novosibirsk Federal Centre of Neurosurgery after participating in the OMI Observership.
Attended 1 OMI Seminar and 2 Observerships

Dr. Ian Marounek
Czech Republic
Appointed Director of Healthcare at the Czech Ministry of Health.
Attended 1 OMI Seminar and 1 Observership
WHY IS OMI MORE SUCCESSFUL THAN OTHER PROGRAMS?

We believe in …

1. Short-term educational programs
2. Multiple opportunities to participate
3. Programs tailored to the needs of the participants
4. Ongoing contacts & communications after return
5. Peer to peer mentoring

➤ Knowledge Transfer
➤ Experience Exchange
➤ Capacity Building
New York
The American Austrian Foundation

c/o UniCredit Group
150 East 42nd Street, 28th fl.
New York, NY 10017 (USA)

Tel: +1-212-856-1075
ny.office@americanaustrianfoundation.org

Salzburg
Salzburg Stiftung der
American Austrian Foundation

Schloss Arenberg
Arenbergstrasse 10
5020 Salzburg (Austria)

Tel: +43-662-640-101
salzburg.office@americanaustrianfoundation.org

Vienna
Verein der Freunde der
American Austrian Foundation

Palais Todesco
Kärntner Str. 51 /II/ Top 4
A-1010 Vienna (Austria)

Tel: +43-1-533 8658
vienna.office@americanaustrianfoundation.org

www.aaf-online.org