

**UNESCO CHAIR/UNITWIN NETWORK PROGRESS REPORT FORM**



<b>Title of the Chair/Network:</b>	<i>Training and empowering human resources for health development in resource-limited countries</i>
<b>Host Institution:</b>	University of Brescia, Italy
<b>Date of establishment of Chair/Network:</b>	March 2014
<b>Period of activity under report:</b>	March 2014 – March 2018
<b>Report established by:</b>	<b>Prof. Francesco CASTELLI</b> <b>Professor of Infectious Diseases</b> <b>Rector’s Delegate for Cooperation and Development</b> <b>UNESCO Chairholder</b>

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## 1. Executive Summary:

Since its inception in March 2014, the Chair has inspired its action towards the fulfilment of its objectives (Article 2 of the Chair agreement) in close collaboration with UNESCO:

- **To provide training on global health at the undergraduate and postgraduate levels.**
  - The undergraduate elective Course on Tropical Medicine and Global Health, addressed to students in Medicine, has been run from 2014 to 2017 and it is planned to take place in 2018. On average, 20 students have attended the course every year;
  - The Core Course of the TropEdEurope European Master of International Health has been run from 2014 to 2017 and it is planned to take place in 2018. On average, 15 students have attended the course every year. In addition, since 2014, the Universities of Florence and Brescia have jointly yearly organized the Italian Master in Tropical Medicine and Global Health, of which the Core Course is a module. On average, 5 students have attended the Italian Master Course every year;
  - The European Course in Migration Health, organized by the Chair in collaboration with ESCMID, is scheduled to take place from 1 to 4 October 2017 in Palermo.
  
- **To develop and expand collaborations in the field of global health with higher education institutions from resource-limited countries.**

Memorandums of Understanding (MoUs) aimed at strengthening mutual relationships and students/teachers' exchange have been signed with:

  - Ethiopian Catholic University St Thomas Aquinas (ECUSTA), Addis Ababa, Ethiopia
  - Universidade Pedagógica, Maputo, Mozambique
  - Makerere University, Kampala, Uganda

Contacts are underway to sign a MoU with the Kwale N'Krumah University of Science and Technology, Kumasi, Ghana
  
- **To promote operational research on poverty-related and neglected infectious diseases in highly endemic countries and in Europe, and disseminate results widely**

Over 70 articles have been published on international peer-reviewed high impact journals in the period 2014-september 2017, reporting the results of the researches carried out by the Chairholder and his team on poverty-related and neglected infectious diseases. In addition, 12 chapters of book have been written and 42 dissertations have been supervised;
  
- **To foster networking, capacity development and the sharing of knowledge and of good practices in the field of focus, notably through the organization of meetings and workshops;**

Among the many workshops/meetings organized, the following deserve a special mention:

  - The IV National Congress of the Italian University Network on Cooperation for

Development has been organized in Brescia from 10 to 12 September 2015, attended by over 350 participants from all over Italy. Mr E. Falt, from UNESCO Headquarters, has delivered the opening speech.

- The Chair contributed to the organization of the national Conference of the Italian Society of Tropical Medicine and Global Health (SIMET), Brescia, October 21-22, 2016 attended by over 300 members and students

**2) Activities:**

*Overview of activities undertaken by the Chair during the reporting period*

**a) Education/Training/Research**

*(key education programmes and training delivered and research undertaken by the Chair during the reporting period, target group and geographical coverage)*

<p><b>i) Education (leading to certificate)</b></p>	<p>The UNESCO Chair of the University of Brescia organizes the Graduate Course on “<b>Tropical Medicine and International Health</b>” (400 contact hours in the period February-May of each year) that is recognized as the Core Course of the European Master in International Health. The Course is attended by about 20 candidates every year. A University certificate is issued at the end of the Course. Prof. Francesco Castelli, UNESCO Chairholder, acts as the Coordinator of the Course. The Course has regularly been run in 2014, 2015, 2016 and 2017 and the next edition is expected to start in February 2018, with the new name of Course in Global Health (See <a href="#">Annex 1</a> for 2018 preliminary program)</p> <p>Since 2015, the UNESCO Chairs in Brescia has open a yearly call to offer one full scholarship (6.000 €) to medical doctors from low-income countries. The following physicians were awarded the scholarship:</p> <ul style="list-style-type: none"> <li>• 2015: Dr Eraste Niyongabo (Burundi);</li> <li>• 2016: Dr Yara Tembe (Mozambique)</li> <li>• 2017: Dr Stelio Tembe (Mozambique)</li> </ul>
<p><b>ii) Training (short term)</b></p>	<p>According to the approved plan of operation, the UNESCO Chair has organized since 2014 a 10-hour elective course on “<b>Tropical medicine and global health</b>”, addressed to undergraduate medical students and staff from the civil society (NGOs, etc.). The course has taken place in 2014, 2015, 2016, 2017 and the next edition is expected to start in April 2018.</p> <p>University credits (CFU: <i>crediti formative universitari</i>) are offered to students attending 100% of the Course</p>
<p><b>iii) Research</b></p>	<p>The research activity of the UNESCO Chair of the University of Brescia in the period 2014-2017 has been intense, focused on the following topics as for the approved Plan of operations:</p> <ul style="list-style-type: none"> <li>- Medical and social aspects of poverty-related diseases, including tuberculosis and HIV/AIDS</li> <li>- Medical and social aspects of migration medicine</li> <li>- International health</li> <li>- Capacity building in resource-limited Countries</li> </ul>

	<p>The main geographical area of investigation has been the African continent and – limited to migrants and travelers - Europe</p> <p>A selection of the main scientific publications of the Chairholder Prof. Francesco Castelli in the period 2014-2017 (manuscript submitted are also included to cover the period until March 2018 are also included) is reported in <a href="#">Annex 2</a>.</p>
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## **b) Conferences/Meetings**

*(key conferences and meetings organized by the Chair or to which its Chairholder contributed)*

### **i) Key conferences and workshops hosted by the Chair in the period 2014 - 2018**

- The Chair actively contributed to the organization of the International Meeting “ **Education, Research, Scientific Networking and Trust Building within International Cooperation** ” held at the European Union Pavillion of EXPO-Milan on the 31<sup>st</sup> July 2015 under the aegis of the Directorate Sustainable Growth and Development of the European Union, the Italian Ministry of University and Research and the EXPO Scientific Committee. Mr Maciej Nalecz, Director of the Division of Science Policy and Capacity-Building UNESCO – Headquarters and Mr Casimiro Vizzini, from the same Division, actively participated to the meeting, as well as a significant number of Italian UNESCO Chairholders
- The University of Brescia and the UNESCO Chair “Training and empowering human resources for health development in resource-limited countries”, in collaboration with the Catholic University of the Sacred Heart have organized the **IV National Congress of the Italian University network for development cooperation (CUCS)**, Brescia, 10-12 September 2015. The congress has gathered more than 350 professors and students from over 30 universities in Italy to discuss issues related to cooperation for development in the most various fields (from medicine to engineering, from anthropology to human rights, from economics to law, etc.). Mr Eric Falt, UNESCO Assistant Director General for External Relations and Public Information addressed the Keynote speech during the opening Ceremony. During the Congress, a specific session dedicated to Italian UNESCO Chairs and their commitment for international development was held, with the participation of Mr Falt and of the following Italian UNESCO Chairs
- The University of Brescia and the UNESCO Chair “*Training and empowering human resources for health development in resource-limited countries*”, have organized the **VIII National Congress of the Italian Society of Tropical Medicine and International Health (SIMET)**, Brescia, 21 October 2016. The congress has gathered more than 300 members and students from all over Italy to discuss issues related to poverty-related diseases, migration medicine and cooperation for development, according to the attached program. ([Annex 3](#))

- The UNESCO Chair “*Training and empowering human resources for health development in resource-limited countries*” has co-organized, together with the UNESCO Chair “*Human Rights and Ethics of International Cooperation*” of the University of Bergamo and other organizations (Fondazione G. Tovini, Fondazione Museke and Associazione V. Chizzolini) the **(Corso di formazione alla cooperazione internazionale (Training Course in International Cooperation))**, held in Brescia from September to December 2016 and addressed to over 40 students. A second edition of the Course is expected to take place in fall 2017. The Programme of the Course is attached ([Annex 4](#))
- The UNESCO Chair “*Training and empowering human resources for health development in resource-limited countries*” has co-organized, together with the European Course in Migration Health, organized by the Chair in collaboration with ESCMID, SIMM, SIMET and SIMIT, that is scheduled to take place from 1 to 4 October 2017 in Palermo ([Annex 5](#))
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## ii) Other conferences/organizational activities undertaken by the Chairholder

The UNESCO Chair “*Training and empowering human resources for health development in resource-limited countries*” of the University of Brescia organized or contributed to the following initiatives:

- **Symposium “Tuberculosis today and tomorrow: perspectives until 2035”** (Apr 4<sup>th</sup>, 2014), co-organized together with the WHO Collaborating Centre for TB/HIV co-infection and TB elimination as well as the Italian Branch of Doctors without Borders
- **Seminars on “Poverty-related diseases”** (Oct 20<sup>th</sup>-21<sup>st</sup>, 2014), based on two speeches by Prof. Eduardo Gotuzzo from the University Caetano Heredia, Lima, Peru
- **Seminar on “Ebola epidemic”** (Nov 3<sup>rd</sup>, 2014), addressed to medical students as well as to the civil society to discuss the anthropological and socio-cultural implications of the epidemic besides medical aspects
- The Chair actively participated in the international colloquium “**Souveraineté populaire et coopération. La réalisation d’un bien commun**” organized in Bergamo (1-2 April 2015) by the UNESCO chairs human rights and ethics of international cooperation, University of Bergamo and human rights and democracy, University of Fribourg (Germany)
- A meeting on “**Health right across the Mediterranean: tackling inequalities and building capacities**” has been organized in Genoa by the UNESCO Chair on Anthropology of Health Biosphere and Healing Systems”, University of Genoa (Italy) on April 6<sup>th</sup>, 2017, with the active participation of the UNESCO Chair of the University of Brescia
- The Chair has co-organized with the university of Brescia the Conference “**Towards a better world**” (Teatro Grande, Brescia, 11 May 2017) with the exceptional participation of Emeritus Professor Emanuele Severino (University Ca’ Foscari, Venice), who has been

officially recognized by the UNESCO Chair

### iii) A selection of conference presentations by the Chairholder and other colleagues

During the period under evaluation, the Chairholder has delivered more than 150 conference presentations at Italian and international Conferences. Other Colleagues working in the Chair (in particular Prof. A. Matteelli) have also delivered a high number of Conference presentations

A selection of presentations from the Chairholder Prof. Francesco Castelli – specifically covering the topics of interest of the Chair is listed in [Annex 5](#) by calendar Year

### c) Interuniversity Exchanges/Partnerships

*(principal exchanges/partnerships between the Chair and other institutions including UNESCO Chairs/UNITWIN Networks)*

During **2014**, the Brescia UNESCO Chair actively interacted with the WHO Collaborating Centre (WHO-CC) on “TB/HIV joint activities and TB elimination strategy” which is hosted by the same Department at the University of Brescia. Prof. Francesco Castelli, UNESCO Chairholder, also acted as the WHO CC Director during 2014. Dr Giorgia Sulis, a collaborator of the Chair, spent 3 months at WHO Headquarters in Geneva to get insight in the Tuberculosis Control Programme

The Chair of Infectious Diseases of the University of Brescia, headed by the UNESCO Chairholder Prof. Francesco Castelli, has operated also in 2014 as the only Italian representative in the TropEd network (a network of European higher education Institutes) aimed at delivering the European Master in International Health (The University of Brescia offers the Core Course of the Master). Furthermore, the UNESCO Chair is also part of the Italian Master of Tropical Medicine and Global Health, organized together with the University of Florence

During **2015**, the following exchanges have been held with other UNESCO Chairs, UNESCO Headquarters and International Institutions:

- The Brescia UNESCO Chair co-organized the International Meeting *Education, Research, Scientific Networking and Trust Building within International Cooperation* held at the European Union Pavillion of EXPO-Milan on the 31<sup>st</sup> July 2015. **Mr Maciej Nalecz**, Director of the Division of Science Policy and Capacity-Building UNESCO – Headquarters, from the same Division, actively participated to the meeting, as well as a significant number of Italian UNESCO Chairholders;
- A specific 2-hour session of the IV National Congress of the Italian University network for development cooperation, Brescia, 10-12 September 2015 has been devoted to the presentation of the international activities of the Italian UNESCO Chairs in the field of cooperation for development. Six Italian UNESCO Chairs were present. **Mr Eric Falt**, UNESCO

Assistant Director General for External Relations and Public Information actively participated to the discussion that followed each presentation (Annex 7)

- The Chair actively participated in the international colloquium "*Souveraineté populaire et coopération. La réalisation d'un bien commun*" organized in Bergamo (1-2 April 2015) by the UNESCO Chair Human Rights and Ethics of International Cooperation, University of Bergamo and the UNESCO Chair Human Rights and Democracy, University of Fribourg (Germany)
- The Brescia UNESCO Chair actively interacted with the WHO Collaborating Centre (WHO-CC) on "TB/HIV joint activities and TB elimination strategy" which is hosted by the same Department at the University of Brescia. Prof. Francesco Castelli, UNESCO Chairholder, also acted as the WHO CC Director until November 2015
- In 2015, the Chair continued its active role in the TropEd European network by offering the Core Course of the European Master in International Health. On the same line, the Chair collaborates with the University of Florence by co-organizing the Italian Master of Tropical Medicine and Global Health.
- The Brescia UNESCO Chair also had contacts with the UNESCO Chair "*Santé Sexuelle et Droits Humains*" of the University Paris Diderot, exploring the possibility to establish a UniTwin network in the near future

During **2016**, the following exchanges have been held with other UNESCO Chairs, UNESCO Headquarters and International Institutions:

- The Chairholder Prof. Francesco Castelli and Dr Giorgia Sulis, from the University of Brescia, visited the UNESCO Headquarters in Paris on February 19<sup>th</sup>, 2016. Meetings have been held with **Dr Casimiro Vizzini** (UNESCO Chair focal point at Headquarters) and **Mr Eric Falt** (UNESCO Assistant Director General for External Relations and Public Information)
- The Chair has actively interacted with the UNESCO Chair Human Rights and Ethics of International Cooperation, University of Bergamo. In particular, the Chairs have signed an agreement to implement the three-year project "*Education and Social Work in Tanzania and Cambodia*" in partnership with the Ruaha Catholic University of Iringa (Tanzania), the S. Paul institute of Takeo (Cambodia) and the Royal University of Phnom Penh (Cambodia)
- The Brescia UNESCO Chair also had contacts with the UNESCO Chair "*Santé Sexuelle et Droits Humains*" of the University Paris Diderot, exploring the possibility to establish a UniTwin network in the near future. A Memorandum of Understanding (MoU) between the Universities of Brescia and Paris Diderot has been signed on the 26<sup>th</sup> of April, 2016
- The Brescia UNESCO Chair actively interacted with the WHO Collaborating Centre (WHO-CC) on "TB/HIV joint activities and TB elimination strategy" which is hosted by the same Department at the University of Brescia.

- In 2016, the Chair continued its active role in the TropEd European network by offering the Core Course of the European Master in International Health. On the same line, the Chair collaborates with the University of Florence by co-organizing the Italian Master of Tropical Medicine and Global Health.

In **2017**, the following exchanges have been held with other UNESCO Chairs, UNESCO Headquarters and International Institutions

- Memorandum of Understanding aimed at strengthening mutual relationships and students/teachers' exchange have been signed with:
  - Ethiopian Catholic University St Thomas Aquinas (ECUSTA), Addis Ababa, Ethiopia (underway)
  - Universidade Pedagogica, Maputo, Mozambique
  - Makerere University, Kampala, Uganda (renewal)
 Contacts are underway to sign a MoU with the Kwale N'Krumah University of Science and Technology, Kumasi, Ghana
- The Core Course of the TropEdEurope European Master of International Health has been run from February to May 2017 and it is planned to take place in the same period in 2018. On average, 15 students have attended the course every year. (see [www.troped.org](http://www.troped.org) for further details on this international Network). Dr **D. Troussier** and Dr **I. Geray**, from the UNESCO Chair "Santé Sexuelle et Droits Humains" of the University Paris Diderot, participated as teacher in the Course;
- The European Course in Migration Health, organized by the Chair in collaboration with The Universities of Brescia and Palermo, the International Organization for Migration (IOM), the International Society of Travel Medicine (ISTM), the European Society of Clinical Microbiology and Infectious Diseases (ESCMID), the Italian Societies of Infectious Diseases (SIMIT), of Tropical Medicine (SIMET) and of Migration Medicine (SIMM), is scheduled to take place from 1 to 4 October 2017 in Palermo
- The Chair has actively interacted with the UNESCO Chair Human Rights and Ethics of International Cooperation, University of Bergamo (Prof. **S. Gandolfi**). In particular, the Chairs have signed in 2016 an agreement to implement the three-year project "*Education and Social Work in Tanzania and Cambodia*" in partnership with the Ruaha Catholic University of Iringa (Tanzania), the S. Paul institute of Takeo (Cambodia) and the Royal University of Phnom Penh (Cambodia), that has continued its activities in 2017
- The Brescia UNESCO Chair actively interacted with the WHO Collaborating Centre (WHO-CC) on "TB/HIV joint activities and TB elimination strategy" which is hosted by the same Department at the University of Brescia.
- The UNESCO Chair "*Training and empowering human resources for health development in*

*resource-limited countries*” is planning the third edition of the Training Course in International Cooperation together with the UNESCO Chair “*Human Rights and Ethics of International Cooperation*” of the University of Bergamo (Prof. S. Gandolfo) and other local organizations (Fondazione G. Tovini, Fondazione Museke and Associazione V. Chizzolini).

<b>d) Publications/Multimedia Materials in the period 2014-2017</b> (major publications and teaching/learning materials)			
<i>Please tick relevant fields of output and indicate volume of output:</i>		[tick]	[no.]
	<b>Books</b>	<input type="checkbox"/>	<b>0</b>
	<b>Books (edited)</b>	<input type="checkbox"/>	<b>1</b>
	<b>Books (chapters)</b>	<input type="checkbox"/>	<b>12</b>
	<b>Monographs</b>	<input type="checkbox"/>	
	<b>Research Reports</b>	<input type="checkbox"/>	
	<b>Journal Articles (refereed)</b>	<input type="checkbox"/>	<b>74</b> (as at Sept. 11th, 2017)
	<b>Conference Proceedings</b>	<input type="checkbox"/>	
	<b>Occasional Papers</b>	<input type="checkbox"/>	
	<b>Teaching/Learning Materials</b>	<input type="checkbox"/>	
	<b>Multimedia Materials (CD-Rom)</b>	<input type="checkbox"/>	
<b>Multimedia Materials (Video)</b>	<input type="checkbox"/>		
<b>Multimedia Materials (Other)</b>	<input type="checkbox"/>		
<i>Give details of major publications and materials including full citations.</i>			
<b><u>i) Theses</u></b>			
Please see <a href="#">Annex n. 8</a> for the complete list of Theses that have been tutored by the UNESCO Chairholder Prof. Francesco Castelli in the period 2014-september 2017			
<b><u>ii) Publications</u></b>			
Please see Annex n. 2 for the complete list of:			
<ul style="list-style-type: none"> <li>- Books (edited)</li> <li>- Books chapters</li> <li>- Peer-reviewed publications</li> </ul>			
by the UNESCO Chairholder Prof. Francesco Castelli, in the period 2014-september 2017. Please note that the UNESCO affiliation was specified only in pertinent publications.			

### e) Cooperation with UNESCO Headquarters, Field Offices

The following contacts were held with UNESCO Headquarters

- The UNESCO Chairholder Prof. Francesco Castelli visited Dr **Getachew Engida**, Vice-Director General of UNESCO on the 18<sup>th</sup> November 2014 at Paris UNESCO Headquarters
- The Brescia UNESCO Chair co-organized the International Meeting *Education, Research, Scientific Networking and Trust Building within International Cooperation* held at the European Union Pavillion of EXPO-Milan on the 31<sup>st</sup> July 2015. **Mr Maciej Nalecz**, Director of the Division of Science Policy and Capacity-Building UNESCO – Headquarters, from the same Division, actively participated to the meeting, as well as a significant number of Italian UNESCO Chairholders
- A specific 2-hour session of the IV National Congress of the Italian University network for development cooperation, Brescia, 10-12 September 2015 has been devoted to the presentation of the international activities of the Italian UNESCO Chairs in the field of cooperation for development. Six Italian UNESCO Chairs were present. **Mr Eric Falt**, UNESCO Assistant Director General for External Relations and Public Information actively participated to the discussion that followed each presentation
- The Chairholder Prof. Francesco Castelli and Dr Giorgia Sulis, from the University of Brescia, visited the UNESCO Headquarters in Paris on February 19<sup>th</sup>, 2016. Meetings have been held with **Dr Casimiro Vizzini** (UNESCO Chair focal point at Headquarters) and **Mr Eric Falt** (UNESCO Assistant Director General for External Relations and Public Information)

**f) Other***(any other activities to report)*

In addition to the planned and approved activities, other activities have been performed by the Chair in the period under evaluation and are reported in the tables below.

<b>Area</b>	<b>Activity</b>	<b>Main achievements</b>
Collaboration with other Universities and Institutes in resource-poor Countries	Collaboration with the Catholic University St. Thomas Aquinas (ECUSTA), Addis Ababa (Ethiopia)	A Memorandum of Understanding (MoU) for teaching and research activities has been signed between ECUSTA and the University of Brescia in 2014
	Collaboration with the Faculdade da Ciencias da Saude (FACSA), Universidade Pedagogica (UP) of Maputo (Mozambique)	A Memorandum of Understanding (MoU) for teaching and research activities has been signed between UP and the University of Brescia in 2015. One staff of the Chair has spent one year in Mozambique to assist the training activities at FACSA - Inhambane
	Collaboration with Makerere University, College of Health Sciences, Kampala, (Uganda)	A Memorandum of Understanding (MoU) for teaching and research activities has been signed between Makerere University and the University of Brescia
	Collaboration with Ruaha Catholic University of Iringa (Tanzania), the S. Paul institute of Takeo (Cambodia) and the Royal University of Phnom Penh (Cambodia)	The Chair has started a three-year project "Education and Social Work in Tanzania and Cambodia" in partnership with the UNESCO Chair "Human Rights and Ethics of International Cooperation" (University of Bergamo, Ruaha Catholic University of Iringa (Tanzania), the S. Paul institute of Takeo (Cambodia) and the Royal University of Phnom Penh (Cambodia)

<b>Area</b>	<b>Activity</b>	<b>Main achievements</b>
Collaboration with other UNESCO Chairs in Europe	Collaboration with UNESCO Chair "Human Rights and Ethics of International Cooperation" (University of Bergamo)	An agreement has been signed in 2016 by the University of Brescia and the University of Bergamo to implement the three-year project "Education and Social Work in Tanzania and Cambodia" (see above)

	Collaboration with UNESCO Chair “Sexual health and Human Rights”, University Paris Diderot, Paris (France)	A <i>Memorandum of Understanding (MoU)</i> has been signed in 2016 in view of organizing a joint International Small Private Online Course (SPOC) on Sexual Health & Human Rights
	Collaboration with UNESCO Chair “Water related disaster risk reduction”, University of Ljubljana (Slovenia)	A meeting with staff of the Ljubljana UNESCO Chair has taken place in Brescia on February 27 <sup>th</sup> , 2017 in order to explore further collaboration activities
	Collaboration with UNESCO Chair “UNESCO Chair on Anthropology of Health Biosphere and Healing Systems”, University of Genoa (Italy)	A meeting on “Health right across the Mediterranean: tackling inequalities and building capacities” has been co-organized in Genoa on April 6 <sup>th</sup> , 2017

### 3. Future Plans and Development Prospects:

Outline of action plan for the next biennium and short/medium and long-term development prospects. Please do not hesitate to refer to difficulties that the Chair has experienced (Not exceeding 300 words)

The detailed proposed plan of action of the UNESCO Chair “*Training and empowering human resources for health development in resource-limited countries*” is detailed in the Plan of Activity 2018-2022, together with the relevant Gantt charts.

Briefly, the proposed objectives and activities are summarized below, as for Article 2 of the Chair Agreement:

Objective n. 1	Specific objectives	Plan of activity 2018-22
1. To foster teaching exchange between the University of Brescia and training and research high level Institutions in resource-limited Countries	1.a. to continue existing training/research collaborations with those Universities located in resource-limited Countries with which MoUs have already been signed	1.a.1. <u>FACSA, Universidade Pedagogica, Maputo</u>  1.a.2. <u>ECUSTA, Addis Ababa</u>  1.a.3. <u>Makerere University, Kampala</u>
	1.b. to enlarge the network of training/research collaborations with Universities located in resource-limited Countries	Plans are underway to start collaborative training and research activities with, among others:  - Kwale N’Krumah University of Science and Technology (KNUST), Kumasi (Ghana)
Objective n. 2	Specific objectives	Plan of activity 2018-22
2. To promote high level training (undergraduate and postgraduate) focusing on Global Health and Migration in Italy and Europe	2.a. To run a yearly 10-hour <i>undergraduate elective Course on Tropical Medicine and Global Health</i> , addressed to students of the University of Brescia, students from higher secondary schools and NGOs’ staff	The Course is composed by the following 2-hour modules:  - Introduction to Global Health  - From Alma Ata to the MDGs  - Sustainable Development Goals  - Tropical Medicine  - Migration Medicine
	2.b. To run the yearly <i>Core Course of the TropEdEurop European Master of International Health</i> , addressed to	The Course has been recently accredited for a further period 5 years by TropEd. It is composed by the following 5 modules, for a total contact lecture time of 400 hours

	health operators of Italian and non-Italian NGOs	(attachment): <ul style="list-style-type: none"> <li>- Globalization and international health policies</li> <li>- Principles of study design and data analysis</li> <li>- Mother and child health</li> <li>- Health in Emergencies</li> <li>- Communicable and non-communicable diseases</li> </ul>
	To run a Course on Migration Health every two years, in collaboration with relevant national and international stakeholders and scientific societies. The Course will be addressed to students in health sciences and to health personnel involved in care to migrants in Europe	The Course is intended as a 30 contact hours teaching module addressing the following topics: <ul style="list-style-type: none"> <li>(i) migrants, refugees, asylum seekers;</li> <li>(ii) migration-related infections;</li> <li>(iii) migration and non-communicable diseases;</li> <li>(iv) determinants of migration;</li> <li>(v) impact on origin and destination countries;</li> <li>(vi) transcultural approach;</li> <li>(vii) economics of migration;</li> <li>(viii) ethics of migration medicine.</li> </ul>

<b>Objective n. 3</b>	<b>Specific objectives</b>	<b>Plan of activity 2018-22</b>
3. To raise awareness on the 2030 Agenda (Sustainable Development Goals) among the academic community and the general population	3.a. To organize a cycle of workshops, each focusing on a specific SDG	A cycle of 17 seminars will be organized, one for each of the SDGs, addressed to the students from the University of Brescia secondary higher schools. The Seminars, open to the public will be recorded and posted on the University of Brescia website.
	3.b. To collaborate with the Italian UNESCO school network to promote the culture of SDGs and of human rights, with particular regard to migrants and	The Province of Brescia and the neighboring Provinces of Bergamo, Mantua and Cremona hosts 10 UNESCO secondary Schools and 4 UNESCO Primary Schools. It is planned to organize educational meetings and projects with the 14 UNESCO Schools in the Provinces of Brescia,

	Europe	Bergamo, Mantua and Cremona on the following topics: <ul style="list-style-type: none"> <li>- Sustainable Development Goals</li> <li>- Migration, human rights and integration</li> </ul>
<b>Objective n. 4</b>	<b>Specific objectives</b>	<b>Plan of activity 2018-22. The research projects – to be submitted for funding to relevant funding agencies - will focus on:</b>
4. To promote operational research in the field of infectious and poverty-related and/or gender-oriented diseases in highly endemic countries and in Europe	4.a. Infectious diseases: tuberculosis, HIV, malaria and neglected tropical diseases	<ul style="list-style-type: none"> <li>• Antiretroviral therapy in Mozambique</li> <li>• Incidence of anaemia in children in Kumasi, Ghana</li> <li>• Epidemiology of imported malaria into Europe</li> </ul>
	4.b. Mother and child health and Nutrition	<ul style="list-style-type: none"> <li>• Transition of HIV infected children into adult services in Africa and Europe</li> <li>• Nutrition and susceptibility to infection in rural areas of Mozambique and Ghana</li> </ul>
	4.c Migration health	<ul style="list-style-type: none"> <li>• Feasibility of TB and HIV screening programmes in newly arrived migrants</li> <li>• Aetiology of febrile rhabdomyolysis in migrants</li> <li>• Surveillance of latent and active TB in migrants</li> </ul>
<b>Objective n. 5</b>	<b>Specific objectives</b>	<b>Plan of activity 2018-22. The research projects – to be submitted for funding to relevant funding agencies - will focus on:</b>
To cooperate closely with UNESCO on relevant programmes and activities	This objective will be implemented by the transversal achievement of the previously mentioned objectives and on project-specific demand	

**Appendix:****1) Human Resources**

The UNESCO does not have a structured organization at present apart from the Chairholder Prof. Francesco Castelli. However, the following staff of the University of Brescia have contributed to the UNESCO Chair achievements:

**1) at the School of Medicine**

- Prof. Francesco Castelli, Professor of Infectious Diseases, Chairholder, University of Brescia and Rector's Delegate for Cooperation and Development
- Prof. Alberto Matteelli, Associate Professor of Infectious Diseases and Director, WHO collaborating Centre on "*TB/HIV joint activities and TB elimination strategies*", University of Brescia
- Prof. Gianni Gilioli, Associate Professor of Vegetal Pathology and Entomology, University of Brescia
- Dr Silvio Caligaris, Head, Unit for Tropical Diseases, Spedali Civili General Hospital, Brescia
- Dr Lina R. Tomasoni, Unit for Tropical Diseases, Spedali Civili General Hospital, Brescia
- Dr Giorgia Sulis, now PhD candidate at McGill University, Canada
- Dr Liliana Praticò, PhD candidate in methodologies and appropriate techniques for international cooperation for development
- Dr Virginia Quaresima, PhD candidate in methodologies and appropriate techniques for international cooperation for development

**2) at the School of Engineering**

- Prof. Carlo Collivignarelli, Professor of Health Engineering, University of Brescia
- Prof. Sabrina Sorlini, Associate Professor of Health Engineering, University of Brescia
- Prof. Roberto Ranzi, Professor of Hydraulics and Rector's Delegate for International Affairs

2) Financial Resources																																			
<i>Please tick sources of financial contribution and specify the amount in U.S. dollars</i>	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;"></th> <th style="width: 10%; text-align: center;">[tick]</th> <th style="width: 20%; text-align: center;">Amount (\$)</th> </tr> </thead> <tbody> <tr> <td><b>Host Institution *</b></td> <td style="text-align: center;"><input type="checkbox"/></td> <td>_____</td> </tr> <tr> <td><b>Partner Institution</b></td> <td style="text-align: center;"><input type="checkbox"/></td> <td>_____</td> </tr> <tr> <td><b>Government Body</b></td> <td style="text-align: center;"><input type="checkbox"/></td> <td>_____</td> </tr> <tr> <td><b>Other Public Institution/Body (incl. Research Councils)</b></td> <td style="text-align: center;"><input type="checkbox"/></td> <td>_____</td> </tr> <tr> <td><b>UNESCO</b></td> <td style="text-align: center;"><input type="checkbox"/></td> <td>_____</td> </tr> <tr> <td><b>Other UN Agency</b></td> <td style="text-align: center;"><input type="checkbox"/></td> <td>_____</td> </tr> <tr> <td><b>IGO</b></td> <td style="text-align: center;"><input type="checkbox"/></td> <td>_____</td> </tr> <tr> <td><b>NGO</b></td> <td style="text-align: center;"><input type="checkbox"/></td> <td>_____</td> </tr> <tr> <td><b>Industry</b></td> <td style="text-align: center;"><input type="checkbox"/></td> <td>_____</td> </tr> <tr> <td><b>Other Private</b></td> <td style="text-align: center;"><input type="checkbox"/></td> <td>78.000 euros</td> </tr> </tbody> </table>		[tick]	Amount (\$)	<b>Host Institution *</b>	<input type="checkbox"/>	_____	<b>Partner Institution</b>	<input type="checkbox"/>	_____	<b>Government Body</b>	<input type="checkbox"/>	_____	<b>Other Public Institution/Body (incl. Research Councils)</b>	<input type="checkbox"/>	_____	<b>UNESCO</b>	<input type="checkbox"/>	_____	<b>Other UN Agency</b>	<input type="checkbox"/>	_____	<b>IGO</b>	<input type="checkbox"/>	_____	<b>NGO</b>	<input type="checkbox"/>	_____	<b>Industry</b>	<input type="checkbox"/>	_____	<b>Other Private</b>	<input type="checkbox"/>	78.000 euros	
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<p>* The University of Brescia has always made available resources to allocate workshops and seminars, as well as my person/time</p>																																			
<p><i>Give details of financial contributions, material resources and space.</i></p> <p>In the period 2014-2017, the Brescia UNESCO Chairs was donated the sum of 78.000,00, subdivided as follows</p> <ul style="list-style-type: none"> <li>- Fondazione Comunità Bresciana (2013): 2.000,00 euros</li> <li>- Private donation (2014): 40.000,00 euros</li> <li>- Private donation (2014): 6.000,00 euros</li> <li>- Private donation (2017): 30.000,00 euros</li> </ul> <p><u>The following expenses were made:</u></p> <p><u>2014:</u></p> <ul style="list-style-type: none"> <li>- Euro 1.292,36 (travel to Ouagadougou of Dr Fontana from 7 to 22 December 2014 in the context of the Ebola epidemic)</li> <li>- Euro 69,00: Hotel for Prof. J.P. Coulaud, guest speaker at the UNESCO Chiari inauguration</li> <li>- Euro 78,00: travel costs Prof. Castelli</li> <li>- Euro 500,00: consumables</li> </ul>																																			

2015:

- Scholarship Dr Eraste Niyongabo (Burundi) to attend the Graduate Course in Tropical Medicine and International Health, Brescia: 5.399.42

2016:

- Scholarship Dr Yara Denise Tembe (Mozambico) to attend the Graduate Course in Tropical Medicine and International Health, Brescia: 6.000,00 euros
- Euro 368,37 Prof. Castelli's Paris mission at UNESCO Headquarters
- Euro 213,01 consumables

2017:

- Scholarship Dr Stelio Tembe (Mozambico) to attend the Graduate Course in Tropical Medicine and International Health, Brescia: 6.000,00 euros

At the moment this report is prepared, the balance is therefore **58.079,84** euros, that are made available for future activities

**End of the Form**