

Andrea Gentili

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● WORK EXPERIENCE

01/10/2023 – CURRENT Fano, Italy

PUBLIC HEALTH POLICY PHYSICIAN AST - PESARO URBINO

My role includes the following:

- Provide public health leadership and develop public health policy for the entire community
- Responsible for assessing, reporting on, and protecting the community's health status
- Diagnose and investigate health problems and health hazards within the community
- Inform, educate, and empower the community and individuals about health issues
- Develop policies and plans that support individual and community health efforts
- Advise policy-makers on community design issues that affect health
- Participate in the overall management of the health department and inter-divisional issues
- Coordinate services with other divisions, departments, courts, and outside agencies
- Fully supervise medical, nursing and professional staff
- Provide highly complex staff assistance to higher level management.

01/11/2020 – CURRENT Rome, Italy

DOCTOR OF PHILOSOPHY IN BIOMEDICAL SCIENCE AND PUBLIC HEALTH UNIVERSITÀ CATTOLICA DEL SACRO CUORE

My main duties are oriented to:

- Produce results and publications related to the implementation and application of health technologies and innovations, promoting the sharing of international best practices, participating to international congress and seminars to disseminate evidence and results
- Writing and participate to national, European and international grants, with programs addressed to facilitate the use and the effectiveness of digital health technologies
- Focus on understanding which good practices are used in each country that are related with citizens' secure access to and sharing of health data, and thus facilitate the adoption of a European electronic health record exchange format;
- Establish a functional collaboration platform on key aspects of the European and global digital health priority;
- Bring together European, national, and regional initiatives, relevant projects and experts to widen citizens' access to data relevant to their health and increase their awareness about data sharing through empowerment tools and person-centred solutions

31/03/2020 – 30/09/2023 Senigallia, Italy

PUBLIC HEALTH SPECIALIST ASUR MARCHE AV2

Main tasks and duties:

- Epidemiological and statistical research
- Infectious diseases (COVID-19, salmonella, cholera, clostridium difficile, meningitis) control and surveillance
- Implementing policies and procedures to promote healthy behaviors such as smoking cessation and exercise
- Conducting health screenings such as blood pressure tests and cancer screenings
- Conducting research on environmental hazards such as mold, asbestos, or radon gas levels in homes
- Educating the community about health risks associated with certain behaviors or conditions such as smoking or using drugs
- Promoting public awareness about health issues by conducting workshops and creating promotional materials
- Developing plans for programs that provide support services to individuals with disabilities or chronic illnesses

Under direct supervision, the intern will support the delivery of activities related to the area of work as follows: The primary tasks of the selected candidates fall under the mandate of the Migration and Health Program (MIG): providing technical support to MIG in developing and implementing activities related to promoting awareness, political commitment and action relating to conditions that make refugees and migrants vulnerable to ill-health. 6 main output areas are:

1. Support country-focused work within the operational range of the program by contributing to formulation, implementation and monitoring of WHO activities carried out in Member States;
2. Assist the development of partnerships and networks with international, regional and national stakeholders, research institutes and policy-makers to identify collaborative actions on migration and health;
3. Support partnership dialogue with health and non-health institutional and non-institutional players in the WHO European Region in the area of health and migration by supporting MIG to organize meetings, producing relevant documentation and reports and managing e-based information sharing platforms;
4. Compile and review inputs on migration and health in order to inform policy discussion with health and non-health stakeholders;
5. Draft reports and other technical communication (e.g. donor reports, annual reports, briefing notes);
6. Perform other tasks that may be assigned by the supervisor

31/05/2018 – 31/12/2018 Rome, Italy

RESIDENT PHYSICIAN ITALIAN NATIONAL INSTITUTE OF HEALTH

Under the direct supervision of the President of Istituto Superiore di Sanità (Italian National Institute of Health) and as an adjunct to his Office, I provided:

- Socio-economic, political, statistical and technological analysis and advice regarding National Health Guidelines System and Homoeopathy policy and practice in Italy;
- Support in organizing meetings, drafting reports for the organization of the World Congress of Public Health 2020 in Rome and other important institutional meetings;
- Support for the organizing committee of the first edition of Global Health Festival in Padua.

26/12/2017 – 16/12/2021 Rome, Italy

RESIDENT PHYSICIAN IN HYGIENE AND PREVENTIVE MEDICINE UNIVERSITÀ CATTOLICA DEL SACRO CUORE

Università Cattolica del Sacro Cuore hosts one of the most prestigious institutes of Public Health in the world, directed by Prof Walter Ricciardi.

Main activities inside the Institute of Public Health:

Digital health

- "Digital department" project and white paper (in collaboration with VIHTALI)

Organizational analysis in hospital departments

- Woman and child health sciences department of Fondazione Policlinico Universitario "A. Gemelli"
- Surgical department in a Northeast Italy Hospital

Interuniversity cooperation

- Member of the Roman Academy of Public Health
- Interuniversity centre for Precision Public Health with Humanitas University

Contributor to "doveecomemicuro.it", Italy's first public reporting portal in healthcare

14/06/2016 – 25/12/2017 Ancona, Italy

OUT OF HOURS SERVICE DOCTOR AREA VASTA 2

My main tasks and duties:

- monitoring and providing general care to patients on hospital wards and in outpatient clinics;
- admitting patients requiring special care, followed by investigations and treatment;
- examining and talking to patients to diagnose their medical conditions;
- carrying out specific procedures, e.g. performing operations and specialist investigations;
- making notes and preparing paperwork, both as a legal record of treatment and for the benefit of other healthcare professionals;
- working with other doctors as part of a team, either in the same department or within other specialties;

- liaising with other medical and non-medical staff in the hospital to ensure quality treatment;
- promoting health education;
- undertaking managerial responsibilities such as planning the workload and staffing of the department, especially at more senior levels.

31/10/2014 – 30/04/2015 Paris, France

RESEARCHER INSERM

My main tasks and duties:

RNA extractions and qPCRs quantification in molecular biology;
 Manipulating animals (mice), getting cerebral champions and treating them (fixation, cut, deparaffinazione, coloration, immunological test);
 Execution of microglial culture;
 Immunology (paraffinot'cut, violet cresi colorations, immunohistochemistry essay);
 Data analysis;
 Writing articles;

Website www.inserm.fr/

● EDUCATION AND TRAINING

01/10/2022 – 31/03/2023 København, Denmark

THE WHO/EUROPE TRAINING COURSE ON NONCOMMUNICABLE DISEASES - SURVEILLANCE, IMPLEMENTATION AND EVALUATION World Health Organization / Europe

Address UN City, Marmorvej 51, 2100, København, Denmark |

Website <https://www.who.int/europe/home?v=welcome>

01/11/2020 – CURRENT Rome, Italy

DOCTOR OF PHILOSOPHY IN BIOMEDICAL SCIENCE AND PUBLIC HEALTH Università Cattolica del Sacro Cuore

12/2018 – 05/2019 Padova

CERTIFICATE OF ATTENDANCE IN THE JUNIOR PROFESSIONAL OFFICER (JPO) PROGRAM COURSE Collegio Universitario Aspiranti Medici Missionari (CUAMM)

The aim of the course is to introduce a strategic approach and to give operative instructions to those who will work with Medici con l'Africa Cuamm, by providing:

- the key to understand the african reality;
- in-depth studies on topics such as public health, hospital management, surgery and anesthesia, maternal and child health, infectious diseases;
- an overview of the main health problems in Africa and the most appropriate methods of intervention.

12/2018 – 01/2019 Bologna

EVIDENCE-BASED PRACTICE COURSE GIMBE evidence for health

Evidence-based practice means the conscientious use of the best practices available.

These treatments are scientifically proven to produce positive results.

Choosing individual treatment activities combines individual clinical experience with the treatments, scientific studies on the efficacy of treatment, and client expectations for treatment.

In short, an evidence-based approach constantly looks at new research and studies and re-evaluates practice based on findings.

06/2018 – 07/2018 Oxford, United Kingdom

CERTIFICATE OF ATTENDANCE "HEALTHCARE VALUE" University of Oxford

Healthcare Value:

At the end of the course we were able to:

- Critically analyse the problems and challenges faced by modern healthcare systems in relation to value
- Understand and explain value-based healthcare, and its relationship to evidence-based healthcare

- Explain the concepts of personal value, allocative value and technical value
- Discuss methods for optimising allocative value, and maximising resource use at national and local levels

23/05/2017 – 24/05/2017 Jesi, Italy

PREHOSPITAL TRAUMA CARE AVANZATO (PHTC) Italian Resuscitation Council (IRC)

17/05/2017 – 17/05/2017 Fabriano, Italy

BASIC LIFE SUPPORT DEFIBRILLATION PEDIATRICO PER SANITARI Italian Resuscitation Council (IRC)

18/06/2017 – 19/06/2017 Jesi, Italy

ADVANCED LIFE SUPPORT (ALS) Italian Resuscitation Council (IRC)

29/05/2017 – 29/05/2017 Senigallia, Italy

BASIC LIFE SUPPORT DEFIBRILLATION PER SANITARI Italian Resuscitation Council

30/09/2008 – 21/07/2015 Perugia, Italy

BACHELOR'S DEGREE IN MEDICINE AND SURGERY Università degli Studi di Perugia

General:

- English
- French

Professional:

- Patient's care
- Internship in Neurology's unit
- Internship in Gastroenterology's unit (execution of colonoscopy and gastroscopy)
- Internship in Dermatology's unit (Knowledge of principal medical devices)
- Internship in Ophthalmology's unit

Level in EQF EQF level 7

12/09/2003 – 09/06/2008 Senigallia, Italy

HIGH SCHOOL GRADUATION Liceo Scientifico Enrico Medi

Level in EQF EQF level 5

● LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1
FRENCH	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● DIGITAL SKILLS

Stata 17, Stata Corp | Microsoft Excel | Microsoft Powerpoint | Microsoft Office | Social Media | Microsoft Word | Google Drive | Google Docs

● ADDITIONAL INFORMATION

PUBLICATIONS

Contrasto all'antibiotico-resistenza nella catena alimentare: una revisione narrativa – 2018

Tamburrano Andrea, Barbara Andrea, Gentili Andrea, Laurenti Patrizia

Ig. Sanità Pubbl.

[Sildenafil, a cyclic GMP phosphodiesterase inhibitor, induces microglial modulation after focal ischemia in the neonatal mouse brain](#)

– 2016

Raffaella Moretti, Pierre-Louis Leger, Val rie C Besson, Zsolt Csaba, Julien Pansiot, Lorena Di Criscio, Andrea Gentili, Luigi Titomanlio, Philippe Bonnin, Olivier Baud, Christiane Charriaut-Marlangue

Journal of Neuroinflammation

[Cost-consequence analysis of influenza vaccination among the staff of a large teaching hospital in Rome, Italy: A pilot study.](#)

– 2019

Colamesta, V., Tamburrano, A., Barbara, A., Gentili, A., La Milia, D. I., Berloco, F., Cicchetti, A., Piacentini, D., Galluzzi, R., Mastrodonato, S. R., Cambieri, A., Ricciardi, W., & Laurenti, P.

PLoS One

[The need of leadership in managing healthcare and policy-making](#) – 2018

Emanuela Maria Frisicale, Adriano Grossi, Pasquale Cacciatore, Elettra Carini, Leonardo Villani, Angelo Maria Pezzullo, Andrea Gentili, Miguel Cabral, Andrea Silenzi, Carlo Favaretti, Paolo Parente, Walter Ricciardi

GIHTAD (Giornale Italiano di Health Technology Assessment & Delivery)

[Vaccination, attitudes and perception of parents. Study in the ASL of Salerno](#) – 2019

Vaccination, attitudes and perception of parents. Study in the ASL of Salerno
Prof Inferm, 2019 Jun-Sep;72(3):193-202. doi: 10.7429/pi.2019.723193.

Prof. Inferm.

[A Six-Year Point Prevalence Survey of Healthcare-Associated Infections in an Italian Teaching Acute Care Hospital](#)

– 2020

Andrea Gentili, Marcello Di Pumpo, Daniele Ignazio La Milia, Doriana Vallone, Gino Vangi, Maria Incoronata Corbo, Filippo Berloco, Andrea Cambieri, Gianfranco Damiani, Walter Ricciardi and Patrizia Laurenti

International Journal of Environmental Research and Public Health

[Development and validation of a questionnaire to assess Unaccompanied Migrant Minors' needs \(AEGIS-Q\)](#)

– 2021

Maria Luisa Di Pietro, Drieda Zaçe, Leuconoe Grazia Sisti, Emanuela Maria Frisicale, Alice Corsaro, Andrea Gentili, Luca Giraldi, Stefania Bruno, Stefania Boccia

European Journal of Public Health

[The Impact of Digital Patient Portals on Health Outcomes, System Efficiency, and Patient Attitudes: Updated Systematic Literature Review](#)

– 2021

Carini, E., Villani, L., Pezzullo, A. M., Gentili, A., Barbara, A., Ricciardi, W., & Boccia, S.

Journal of Medical Internet Research

[Developing a Data-Driven Approach in Order to Improve the Safety and Quality of Patient Care](#) – 2021

Fidelia Cascini, Federico Santaroni, Riccardo Lanzetti, Giovanna Failla, Andrea Gentili, and Walter Ricciardi

Frontiers in Public Health

[Is blockchain the breakthrough we are looking for to facilitate genomic data sharing? The European Union perspective](#)

– 2022

Fidelia Cascini, Flavia Beccia, Francesco A Causio, Andrea Gentili, Andriy Melnyk, Stefania Boccia and Walter Ricciardi

Digital Health

[The cost-effectiveness of digital health interventions: A systematic review of the literature](#) – 2022

Gentili A, Failla G, Melnyk A, Puleo V, Tanna GLD, Ricciardi W and Cascini F

Frontiers in Public Health

[Approaches to priority identification in digital health in ten countries of the Global Digital Health Partnership](#)

– 2022

Cascini F, Altamura G, Failla G, Gentili A, Puleo V, Melnyk A, Causio FA and Ricciardi W

Frontiers in Digital Health

[National Recovery and Resilience Plan and Health: qualitative analysis on the sustainability of the interventions on healthcare.](#)

– 2023

Cascini, F., & Gentili, A.

Annali di igiene : medicina preventiva e di comunità

[Strengthening and promoting digital health practice: results from a Global Digital Health Partnership's survey](#)

– 2023

Frontiers in Public Health - Digital Health

[A new digital model for the Italian Integrated Home Care: strengths, barriers, and future implications](#)

– 2023

Cascini F*, Gentili A*, Melnyk A, Beccia F, Causio FA, Solimene V, Battilomo S, Paone S, Borghini A, Bartolo M, Chiarolla E and Ricciardi W

* equal contribution

Front. Public Health 11:1292442. doi: 10.3389/fpubh.2023.1292442

[The use of oxygen-ozone therapy to improve the effectiveness of antibiotic treatment on infected arthroplasty: protocol for a superiority, open-label, multicentre, randomized, parallel trial.](#)

– 2024

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BMJ Open 2024;14:e076739. doi: 10.1136/bmjopen-2023-076739

DRIVING LICENCE

Driving Licence: B

CONFERENCES AND SEMINARS

08/11/2023 – 11/11/2023 – Convention Centre Dublin (The CCD), Dublin, Ireland

Our Food, Our Health, Our Earth: A Sustainable Future for Humanity 16th European Public Health Conference

28/09/2022 – 01/10/2022 – Padova

Rerum cognoscere causas Italian Congress of the National Hygiene and Public Health Society

03/11/2021 – 06/11/2021 – Lecce

La Sanità Pubblica nel post-Covid. Occasioni di rilancio per una prevenzione integrata Italian Congress of the National Hygiene and Public Health Society

20/11/2019 – 23/11/2019 – Marseille, France

Building bridges for solidarity and public health 12th European Public Health Conference

16/10/2019 – 19/10/2019 – Perugia

Le evidenze scientifiche per la Sanità Pubblica: dalle emergenze alla promozione della salute Italian Congress of the National Hygiene and Public Health Society

30/05/2019 – 30/05/2019 – Rome

Disuguaglianze di salute: politiche sanitarie e non sanitarie Italian National Health Institute Conference

09/12/2018 – 10/12/2018 – Riccione

Sanità di Valore ed Esiti Clinici: nuove sfide per il Servizio Sanitario Nazionale SIMM ("Società Italiana Medici Manager") Conference

28/11/2018 – 01/12/2018 – Ljubljana, Slovenia

Winds of change: towards new ways of improving public health in Europe 11th European Public Health Conference

17/10/2018 – 20/10/2018 – Riva del Garda

I primi 40 anni del Servizio Sanitario Nazionale: il contributo dell'igiene alla salute e all'equità Italian Congress of the National Hygiene and Public Health Society

COMMUNICATION AND INTERPERSONAL SKILLS

Communication and interpersonal skills

- personal qualities such as commitment to caring for others, resourcefulness and stamina;
- willingness to accept responsibility;
- ability to prioritise workload and work under pressure;
- motivation and perseverance;
- ability to communicate well with people, demonstrating empathy and reflection;
- teamworking and leadership skills

PROJECTS

01/09/2020 – 31/08/2022

X-eHealth (eXchanging electronic Health records in a common framework) This European Project promoted a faster and more sustainable EU digital transformation: consisting of eight work packages, of which four focus exclusively on technical and functional activities, it aimed to move towards a uniform interoperable data-sharing format structure. X-eHealth built on the already existing Patient Summary service and laid the foundations for a common structure for medical imaging, discharge letters, laboratory results and rare diseases.

01/02/2021 – 01/08/2023

TEHDAS (Towards the European Health Data Space) This Project helps EU member states and the European Commission to develop and promote concepts for the secondary use of health data to benefit public health and health research and innovation in Europe.

It will focus on:

engaging other European projects and policymakers in a dialogue about the European Health Data Space;
ensuring sustainability of the secondary use of health data in Europe;
developing a governance model for cross-border co-operation in the secondary use of health data between European countries;
promoting the reliability and compatibility of and access to health data for secondary use;
clarifying the role of individuals in the secondary use of health data and including them in dialogue about the use of health data for research and policymaking.

01/03/2022 – 30/05/2023

CY-CAD (Cyber-security framework for medical data dissemination) CY-CAD project aims to implement an integrated framework for the health data dissemination. It is tested with real world health data, and it offers to citizens and patients a new evidence based service that allow them to share in a secure and protected way, all the health data with the health professionals they need. It is also possible to anonymize those data and use them in an aggregate way for research purposes.

01/11/2020 – 31/10/2023

GDHP (Global Digital Health Partnerships) The Global Digital Health Partnership (GDHP) is a collaboration of country governments, territory governments, and international organizations formed to support the executive implementation of worldwide digital health services.

This partnership facilitates global collaboration and knowledge-sharing in the design and delivery of digital health services to support high quality, sustainable health and care for all.

15/12/2022 – 14/12/2026

DARE (DigitAl lifelong pREvention) The objective of DARE is to create and develop, through research, innovation, and participation of multiple stakeholders, a connected and distributed knowledge community that produces, collects, and systematizes multidisciplinary knowledge and solutions (technical, ethical-legal, and organizational) necessary to affirm Italy as a leading country in the field of digital prevention.