Professional Profile Chiara Garulli

Dedicated Science Educator and Researcher with over a decade of experience in teaching, training, and curriculum development. PhD in Applied Biology with a strong publication record in molecular biology and oncology. Skilled in inquiry-based science education (IBSE), CLIL methodology, and advanced teaching strategies to foster student engagement and learning. Active member of the Amgen Biotech Experience (ABE) program as an Ambassador and teacher trainer, contributing to national and international education projects. Experienced in mentoring, coordinating, and delivering workshops for teachers and students. Recognized for strong communication, organizational, and leadership skills, with a proven ability to simplify complex scientific concepts for diverse audiences. Passionate about integrating innovation, digital tools, and creative approaches into teaching. Currently expanding expertise in editorial illustration and visual communication to enrich educational practice. Multilingual (Italian, English, French) and committed to lifelong learning.

Curriculum Vitae – Chiara Garulli

Personal Information

- **Name:** Chiara Garulli

- **Date of Birth:** 02 June 1986

- **Place of Birth:** Treia (MC), Italy

- **Nationality:** Italian

- **Address:** San Giuseppe 151, 62014 Corridonia (MC), Italy

- **Phone:** +39 3292971595

- **Email:** chiara.garulli86@gmail.com

Education and Training

- **2024 – Present**: Academy of Fine Arts – Graphic Arts and Illustration

- **2025 (Jan–Jul)**: ABE Minigrant Fellow

- **2024 (Jan–Jul)**: ABE Master Teacher Fellowship [Amgen Biotech Experience]

- **2024 (Jan–Jul)**: Ars in Fabula ADVANCED, Editorial Illustration, Academy of Macerata

- **2023 (Jan–Jul)**: Ars in Fabula ENTRY LEVEL, Editorial Illustration, Academy of Macerata

- **2018–2019**: Postgraduate Course – CLIL methodology (Content and Language Integrated Learning), University of Macerata

- **2018**: Inquiry-Based Teaching in Life Sciences, European Schoolnet Academy

- **2017**: CLIL: Innovating to Learn, La Scuola Academy

- **2015**: TFA – Teaching Qualification in Natural Sciences, Chemistry, Geography, and Microbiology (A060/A050). Graduated with top marks (100/100 with honors).

- **2014**: PhD in Applied Biology, University of Camerino – **Excellent**

- **2010**: MSc in Biomolecular and Biofunctional Sciences, University of Camerino – **110/110 cum laude**

- **2008**: BSc in Microbial Biotechnology (entirely taught in English), University of Camerino – **110/110 cum laude**

- **2005**: High School Diploma, Scientific Lyceum (PNI), Macerata – **96/100**

Professional Experience

- **2019 – Present**: **ABE Ambassador (Italy)**

    - Member of the didactic commission, teacher trainer, and facilitator of professional development courses.

    - Active participation and presentations at national and international conferences in science education and molecular biology (e.g., International School of Science Education, Erice, 2025).

- **2017 – Present**: **Science Teacher, Liceo G. Leopardi, Recanati**

    - Teaching Natural Sciences across Scientific, Linguistic, Human Sciences, and Applied Sciences curricula.

- **2018 – 2021**: **Head of IBSE Center of Marche – ANISN (National Science Teachers Association)**

    - Coordinated and delivered training programs for teachers, recognized by MIUR.

- **2015 – 2016**: **Special Needs and Support Teacher**, IIS G. Garibaldi & IIS M. Ricci, Macerata.

- **2015**: **Research Fellow**, Fondazione Veronesi ("Pink is Good" project on breast cancer research).

- **2011 – 2014**: **Doctoral Researcher in Applied Biology**, University of Camerino.

- **2007 – 2010**: **Research Internships** – University of Camerino & University of Witten/Herdecke (Germany).

- **2009 – 2019**: Private tutoring (high school and university level, STEM disciplines).

Publications (selection)

- Over 10 peer-reviewed articles in international journals (Biochim Biophys Acta, Front Oncol, Biochem Pharmacol, Cancer Lett, Cell Signal, Gene, Fitoterapia, etc.).

- Full list available upon request.

Skills

- **Languages:** Italian (native), English (C1 Cambridge CAE), French (basic).

- **Teaching:** Inquiry-Based Science Education (IBSE), CLIL methodology, cooperative learning, curriculum design, inclusive education.

- **Digital Competences:** ECDL Full Standard, Google Classroom, Prezi, Smart Board (LIM), digital mind mapping, molecular modeling software.

- **Soft Skills:** Excellent communication, leadership, teamwork, and classroom management.

- **Other Interests:** Editorial illustration and visual storytelling for science education.

Additional Information

- **Driving license:** Category B

- **Family:** Married, mother of three (2013, 2017, 2023)