

My real-life curriculum - Marilù Chiofalo

Name

Maria Luisa, because I'm a princess/empress, but I like to be called Marilù. Marilù rhymes with a lot of fun things, recalls the sea that is my element, and it is onomatopoeic even if I do not know why. I'm Pap in the family, short for Duck. When I was a kid, I raised one every summer because they're funny, yellow and orange, they have a round flat beak, and you wouldn't suspect that they run really fast.



Surname

Chiofalo, from the Greek kefalaion which means the most important part, the substance of a thing. And also the main person, the chief, as in the name kefale, the head.

Born date

In the year of a revolution and in the month of perfection, so that the day also had to adapt: 9.9.1968. If I flip everything, 6.6.1698. I would have been a witch. I can write a story about it.

Born place

Under the sea there is a fault: on the two banks live Scylla - the one who tears - and Charybdis - the one who sucks: beautiful nymphs transformed into monsters. Scylla from the misogynistic envy of Circe and Charybdis from the fury of the affirmation of the ego of Zeus. On the left is the Etna of fire, under which Eolo has imprisoned the giant Typhoon along with the other winds. But then come the days of the fairy Morgana, and I seem to be able to touch the other strip of land beyond the Strait.

A rebirth of mine is in the red, purple, yellow, green and white rocky mountains of Colorado.

Family status

Siniugata (without yoke).

I chose a lifetime with Maximilian, name from prince/ emperor and said Massi, as one would say of a rock firm and secure, for me Pap or Papero. A companion who loves my freedom and enjoys my successes.

Anna's mom, name palindrome, the perfectly reflective mirror of me with the red blouse that was on me just born before her. And all the other daughters and sons I've ever wanted.

I was adopted by Nerina, Margot, Luna and Maxi, Corrada, Kawasaki and all the little birds that I used to take out from inside the snakes of the Little Prince.

Studies and education

Spoken languages

I like to speak the languages of synthesis: said in the Calabrian language that my mother taught me, my father's mathematics, the music of my older sister Angela, the visual arts from my middle sister Lucrezia, and that of the body. More than anything, I talk with my eyes.

School studies and university education

From my primary school teacher Giulia Cammarata I learned to experiment and surprise myself.

From my Greek teacher Laura Calabrò I learned that Greek is also mathematics.

From my professor of chemistry Giovanna Messina scientific rigor as a mission of life. From my teacher of letters Gilda Trisolini, poet, to choose to teach only authors and authors who love each other, and that teaching is to do theater.

From my father, my math and physics professor, to being in the lab and finding clear ways to explain difficult things. And never stop looking.

From Pierluigi Casalini, Bubi, the power to reason phenomena with few essential ideas of physics, explained with the slowness of writing and word of his paraplegia. And so let the limits open wide horizons.

From my thesis speakers Franco Bassani and Peppino Iadonisi to enhance the freedom and oddities of my students and mine.

From Giuseppe La Rocca to rejoice in their growth.

From Guglielmo Tino to recognize the whole value where others cannot.

From Anna Nobili to open new horizons for them with generous gratuitousness.

Extra-university training schools

From the teachers of Labodif, Gianna Mazzini and Giovanna Galletti, to be the lady of time and to bend in unthinkable spaces, to let go to desire, to see where I did not see before, to be the engineer of my no and the architect of my yes.

From Gia to nourish me of the concreteness of the word, from Gio to bargain with the world with authority.

From Enza Pellecchia to see the value of me and to be overwhelmed by my desire.

From the classmates Incredibles and Incredibles Wonders, to hear with the hearing of others, I opened up to draw segments of motherhood.

Profession

Professora and teacher. I imprint marks in my mind and others teaching funny and strange things that shift from their own balances, for the happiness of witnessing wonder and surprise.

Curiosatrix. I search and re-research things that have value for me and are useful for people and living beings.

Scientist. I create representations of reality starting from the observation and measurement of details, speaking dense and dry languages: a form of art with which I create bridges between different worlds.

Seeder. In university classrooms or open spaces, they sow the use of scientific thought as a powerful resource for people of all ages to be curious, creative, respectful of other people and Nature, autonomous in solving problems for themselves and for others.

Politic. From politikè that is the art of governing the states and administer cities: rule as gubernesis that is to run a ship, composed with kybe meaning head. Yeah, still head on.

I can therefore say that the art of being able to transform the world is the center of my profession, art such as going, moving, moving towards something, adhering and adapting, composing, making, and even the same root for number and order.

Current and future research programs

With different people, I use the oddities of quantum particle liquids to create new states of matter and to make very high precision measurements that are important for the physics of the Universe.

With my colleague Marisa Michelini, I create paths and tools to teach and learn to teach.

I have fun with my colleague Sabrina Maniscalco to understand how to solve quantum problems using video games as an interface between the creative power and visual intuition of the mind of many people, and the logical and algorithmic ability of computers (classic and quantum).

My dream is to understand with my colleague Concetta Morrone how the mind works with quantum physics, the most complex system with the most tiny and strange: a small universe in each/ a of us.

International collaborations

I meet beautiful and different people in their places of life and work around the world, that I travel far and wide by all means, barefoot if I could: in Boulder, Apen, MIT and Harvard, Santa Barbara and Stanford, but also Paris and Cambridge, with short and memorable periods in China and New Zealand.

Life skills

I intertwine my science life and my life-life together with bits that I learned from a number of exceptional persons I had the privilege of meeting in a lifetime.

From Eric Cornell, that even the most important job success comes after the course of parenting.

From Celeste Landry, that politics is science is politics.

From Debbie Jin, who can paint with simple brushstrokes the essence of ideas and on the Great Wall have in the eyes Jackie and Annina.

By Alan Gallagher and Jun Ye, how important things have crystal clear clarity.

By Murray Holland and Alison Grimsdell, that creative disorder makes the glider fly in the silence of the wind.

From Gordon Baym and Vladan Vuletic that art is science and science is art.

From Francesca Pistella how to keep your eyes and walk alongside those in need, no matter what cost this entails for themselves.

From Giovanna Morigi that the ideas you hold are taken care of in person.

From Ben Lev and Andrew Daley, there's always an unexpected and generous opportunity to grab.

From Sabrina Maniscalco that you can be a scientist by remaining adherent to himself, and how beautiful if you do it together.

From Concetta Morrone to look where no one has ever looked before, rooted in what I know.

Passions and life-skills

Sport. I play volleyball to close the point in three touches with two other playmates (one is definitely mine because I am a riser).

I play basketball for three-point shots.

I play table tennis to never let the ball fall to the ground.

I play football because I like to dribble and score on the fly, and what a show if it's upside down.

I run the half-marathon because I know how to go far with resilience.

I horse ride because authentic relationship is a powerful engine.

I ride my bike to dodge myself if I have to.

Music. I play the sax in the University Orchestra and in the Philharmonic, because I like to hear together with others how the ensemble music takes shape in the effort of the collective exercise. Because even from the imperfections of each/ a (one of which is always mine), with eyes glued to the conductor can be born a symphony or euphoria that makes you dance even while you play. I try tupperware and sweatshirt full of chalk from class, and the night of the concert they are in soft curls, long black dress with low neckline and 12 red heel.

I play sax in the Big Band of the Clown Doctors (e.g. in Pediatrics), because pain can be transformed in smiles.

Games and reading.

I play role-playing games because I like to transform and change while adhering to myself. I

play video games because I always want to pass the level to see the next picture. I read comics and fantasy because I like to live epic adventures.

In fact, just like in my profession.

Anna Luisa (Luisa) Chiopfo