

Prof. Gaetano Gargiulo graduated in Biological Sciences at the University of Naples on 18/12/1980.

In the academic years 1977-80 he attended as an internal student the Institute of Botany of the Faculty of Agriculture of the University of Naples.

In 1981 he followed the IV International Course in Marine Biology organized by the Zoological Station of Naples on the theme "In situ experimentation and measurement" held at the Laboratory of Ecology of the Benthos in Ischia.

In the academic years 1980-83 he attended the Institute of Botany of the Faculty of Sciences of the University of Messina carrying out research activities and taking care of the Institute's algological herbarium.

In 1983 he became a university researcher, grouping No. 73, at the Institute of Botany of the University of Messina.

In 1986 he was confirmed as a researcher.

From 1989 to 1991 he was a member of the executive committee of the Working Group for Cytology of the Italian Botanical Society.

In 1992 he became associate professor group E011 and from November 1, 1992 he worked at the Faculty of Agriculture of the University of Reggio Calabria teaching the course of Forest Botany.

According to the new regulations, since 1992 it has been transferred to the scientific disciplinary sector E01C.

Subjected to judgment, it was with D.R. n. 124 of 18/2/1997 confirmed as Associate Professor starting from 11/1/1995.

During his stay at the University of Reggio Calabria he was the representative of the Faculty of Agriculture within the Coordination Committee for the Right to Education and within the Management Consortium of the "Regional Laboratory of Marine Biology, Fisheries and Aquaculture".

In 1993 he was appointed member of the Selection Committee for a University Researcher competition at the Faculty of Mathematical, Physical and Natural Sciences of the University of Siena (E01).

In 1995 he was a member of the Selection Committee for a University Researcher competition at the Faculty of Agriculture of the University of Palermo (E01C).

In 1997 he was a member of the University Professor Competition Committee for the E01C sector.

He was also professor in the PhD course held at the Faculty of Agriculture of Reggio Calabria in "Ecophysiology of wood species".

From 1 November 1997 he was transferred to the Faculty of Sciences MM.FF.NN. of the University of Messina on the scientific disciplinary grouping E01A as holder of the course of Laboratory of Botanical Methods.

In 1997 he was a member of the commission for the biological area of the University of Messina for the evaluation of research projects and the distribution of funds.

Since 1997 he has been a member of the teaching staff of the PhD course in Algae Biology based in Messina with the consortium of the Universities of Rome, Padua, Bari and Naples.

In 1999 he was elected member of the executive committee of the Algology working group of the Italian Botanical Society.

In 2000 he was Scientific Director of the Messina Research Unit under the Scientific Research Program of Relevant National Interest (Cofin 2000): "Biology and taxonomy of macroalgal species of economic interest".

In the years 2000-01 and 2001-02 he was a member of the commission for the biological area of the University of Messina for the evaluation of research projects and for the allocation of funds.

In the years 2002-2007 he was responsible for research projects: "Biology of the species of the genus *Gracilaria* (Gigartinales, Rhodophyta)", "Biology and taxonomy of the species of the genus *Gracilaria* (Gracilariales, Rhodophyta)", "Systematics of some Rhodophyta of interest application "and" Processes of division in cells of *Nitella opaca* (Bruzelius) C. Agardh (Charales) ".

In 2002, Prof. Gaetano Gargiulo was the winner of the competition for full professors in the disciplinary sector BIO / 01 and on October 1st of the same year he attended the Faculty of MM.FF.NN. of the University of Messina.

In 2002 he was appointed as a member of the Commission for State examinations for the qualification to the profession of biologist.

From 2002 to 2007 he was Director of the Department of Botanical Sciences and of the Botanical Garden of the University of Messina.

From 2002 to 2007 he was a member of the Technical Scientific Committee of the Alcantara River Park Authority, as an expert botanist representative of the University.

From 2003 to 2006 he was a member of the Board of Directors of the Italian Botanical Society with the office of Treasurer.

In 2004 he was invited to join the Editorial Advisory Board of *Caryologia* (International Journal of Cytology, Cytosystematics and Cytogenetics).

In 2005 he was appointed, as an expert in the field of natural environments management, to represent the University within the Provincial Scientific Council of the reserves and the Natural Heritage of Agrigento.

In 2006 he was appointed by the Polytechnic University of Marche (Ancona) as an internal member of the jury of the Competition for University Researcher positions for the BIO / 01 sector.

From 2007 to 2011 he was a member of the Technical Scientific Committee of the Nebrodi Park, as an expert botanist representative of the University.

From 1992 to 1997 he was responsible for the research "Biology of plant organisms of brackish environments and inland waters" funded by Murst.

In 2009 he was a member of the jury of the Competition for University Professor jobs for the BIO / 01 sector.

In 2010 he was coordinator of the PhD course in Biology of Algae based in Messina, consortium with the Universities of Rome, Padua, Bari and Naples and with the research institutes Zoological Station "A. Dorn" (Naples) and CNR, Istituto Talassografico (Taranto).

In 2011 he was deputy director of the Department of Life Sciences M. Malpighi.

In 2011 he was Coordinator of the three-year degree course in Biology and Marine Ecology

From 2016 to today he is a member of the University of Messina's Disciplinary Committee.

His teaching activity resulted in teaching in different degree courses, in PhD courses in Ecophysiology of Woody Plants, in Algae Biology and in Environmental Sciences: Marine Environment and Resources, in the Master in Integrated Management of Coastal Environments (Syracuse), participating in numerous examination committees and assisting students. He has been the tutor of several graduation theses and numerous doctoral and post-doctoral theses. He was the promoter of a convention between the University of Messina and the University of Barcelona (Spain) for the co-supervision of a doctoral thesis.

Prof. Gargiulo has carried out a continuous scientific research activity concerning reproductive biology, biological cycles, cytogenetics and molecular phylogeny of marine plant organisms. The research activity carried out in these fields has resulted in the publication of articles in international and national journals.

He participated, presenting scientific communications, in national and international congresses. He attended and carried out research at several laboratories in Italian and foreign institutions (University of Galway, Ireland; University of North Carolina Wilmington, USA; University of Pisa, University of Naples, University of Bari, A. Dorn Zoological Station).

He has served as chairman in various national and international meetings and conferences.

He was referees for: *European Journal of Phycology*, *Phycology*, *Journal of Phycology*, *Caryologia*, *Japanese Journal of Phycology*, *Biological Invasion*, *Mediterranean Flora*, *Italian Botanical Informer*. It was also chosen by the Committee of Guarantors as a qualified expert as an external auditor for the evaluation of National Interest Projects.

In recent years he has activated scientific collaborations with international institutions: "Center for Environmental and Molecular Algal Research (CEMAR)", at the University of New Brunswick, Fredericton, Canada; the "Martin Ryan Institute, at the National University of Ireland, Galway, Ireland; the department of "Productes naturals, Biologia vegetal i Edafologia", of the University of Barcelona and the "Departamento de Biología" University of Las Palmas de Gran Canaria, Campus Universitario de Tafira, Las Palmas, Canary Islands, Spain.