

Lena Costaridou was born in Eghion, Achaia. She received the Diploma of Physics (1979) from the Department of Physics of the University of Patras, Greece, the MSc degree in Medical Engineering (1982) from the Department of Electrical Engineering and Applied Sciences of the George Washington University, USA and the PhD degree in Medical Physics (1997) from the University of Patras, Greece. She also holds the professional license of medical physicist for non-ionizing radiation. In 2000, she has joined the Laboratory of Medical Physics, of the school of Medicine of the University of Patras, where she currently is Associate Professor.

She has been and currently is a member of the Steering Committees of the Interdepartmental Programs of Studies in Medical Physics, Biomedical Engineering and Electronics and Information Processing, offered by the University of Patras, as well as member of the board of the newly formed Intra-University Medical Radiation Physics (MRP) research network of the University of Patras.

Her research interests include medical digital image processing and analysis, with emphasis on image based computer-assisted quantification/characterization of tissue structure and function, as well as optimization of image quality in medical imaging techniques.

She is author/co-author of 67 articles in international peer reviewed scientific journals, 90 full papers and over 50 abstracts in international scientific conferences, 9 of which have achieved honours.

She is also author/co-author of 5 invited chapters in international scientific edited collections, as well of the editor of "Medical Image Analysis Methods" (CRC Press, 2005; ISBN: 0-8493-2089-5) and member of the editorial advisory board of "Handbook of Research on Advanced Techniques in Diagnostic Imaging and Biomedical Applications" T. P. Exarchos, A. Papadopoulos, D. I. Fotiadis (Eds), 2008, IDEA Group Inc. Global (ISBN: 978-1-60566-314-2).

She has served as Guest Associate Editor for the international peer reviewed journal Medical Physics and reviewer for 13 peer reviewed international journals, including Medical Physics, European Radiology, IEEE Transactions in Medical Imaging, IEEE Transactions Neural Networks, IEEE Transactions on Signal Processing, Medical Engineering and Physics, Journal of Computer Assisted Engineering, IEEE Transactions on Information Technology in Biomedicine, Computers in Biology and Medicine and Journal of Digital Imaging. She has also served as Programme Committee Member or reviewer for 7 international scientific conferences.

Her scientific work is internationally recognized (h-index 11), achieving more than 430 citations.