

Germano Iannacchione

Biographical Information: Germano Iannacchione received his PhD in Physics from Kent State University. He is currently professor of Physics at Worcester Polytechnic Institute and Program Director for the Condensed Matter Physics program in DMR at the NSF.

He and his students conduct research on order-disorder phenomena in condensed matter, with a focus on soft-matter materials and colloids/composites. He has graduated 9 Ph.D., 11 M.Sc., and 116 B.Sc. (senior thesis) physics students over the 19 years at WPI. His research has achieved an h-index of 29 (Google Scholar).

He was the founding director of the Nuclear Science and Engineering program from 2012 to 2017. He has previously been involved with the founding of the STEM Education Center at WPI and the Masters of Science in Physics for Educators program (MPED) in 2012, directing that program from its inception until 2016. While Head of Physics from 2006 to 2016, he saw the expansion of the department from 13 to 20 full-time faculty, the increase in external sponsorships from \$0.3M to over \$2M research funding under contract, and the tripling of the number of graduate students. During the same period, he established various out-reach activities such as the R.H. Goddard Cup Water Rocket Competition, the first Physics summer camp (Physicspalooza) that has expanded to now four Physics summer camps for 5-12th graders, and help lead the Sigma Xi chapter of WPI.

Germano Iannacchione has published almost 100 peer reviewed articles and book chapters.