



Dr. Oprisan holds a Ph.D. in Theoretical physics and an M.S. in Computer Science. He joined the Department of Physics and Astronomy at the College of Charleston in 2005. Dr. Oprisan was a postdoctoral fellow in computational neuroscience affiliated with the Psychology Department at the University of New Orleans.

At the College of Charleston, he developed a Computational Neuroscience Concentration and an Interdisciplinary Minor in Biomedical Physics. He developed over ten new courses, mostly in biomedical physics and computational neuroscience concentration.

His computational neuroscience research program spans various subjects, from optogenetics and calcium imaging to time perception and brain-computer interface. His research was supported by a prestigious Faculty Early Career Development (CAREER) grant from the National Science Foundation. He also contributed to the Howard Hughes Medical Institute grant that funded the Undergraduate Science Education Program implementation at the College of Charleston. His research has also been sponsored by the South Carolina Space Grant Consortium.

Dr. Oprisan published over 100 peer-reviewed research articles in prestigious journals such as the Journal of Neuroscience, Philosophical Transactions of the Royal Society, and Physical Review. He published ten books/book chapters. He has over 100 presentations with his undergraduate students at national and international professional meetings, over 70 at state and regional professional meetings, and more than 100 at local venues.

Dr. Oprisan was a research mentor for over 50 undergraduate and graduate students at the College of Charleston. For their outstanding research contribution, his students received 15 research awards.

Dr. Oprisan chaired or served as a board member for over 50 international conferences, a reviewer for research journals, and an editor for prestigious journals, such as the Frontiers in Cellular Neuroscience.