

Romualdo T. deSouza is a Professor of Chemistry and Physics at Indiana University and was designated Provost Professor in 2010. He received his B.S. in Chemistry from Washington University in St. Louis in 1983, and a Ph.D. from the University of Rochester in 1988. From 1988 to 1991 he was a NSCL postdoctoral fellow at Michigan State University. He joined the faculty at Indiana University, Bloomington in 1991. Professor deSouza's research interests lie in the area of nuclear reactions, in particular the behavior of nuclei under extreme conditions of excitation, density, shape, and N/Z. The present focus of his research is on the fusion of neutron-rich nuclei near and below the fusion barrier, a topic of fundamental interest to both nuclear physics and nuclear astrophysics. Prof. deSouza is also a prolific instrument builder and the detector development he has engaged in has impacted multiple research groups worldwide. His teaching and research at Indiana were recognized in 1998 by awarding him the IU President's Award. He is the 2008 recipient of the Glenn T. Seaborg Award for Nuclear Chemistry from the American Chemical Society. Professor deSouza and his research group have published more than 140 peer-reviewed publications in the field of nuclear science and its applications.