

Regine Choe received her B.S. in physics from the Pohang University of Science & Technology (POSTECH), Korea in 1996, and Ph.D. degree in physics from the University of Pennsylvania, in 2005. After finishing her postdoctoral work at the University of Pennsylvania, she joined the Biomedical Engineering department of the University of Rochester as an Assistant Professor, in 2011. She is currently an Associate Professor of the Biomedical Engineering at the University of Rochester. She is a recipient of an NIH K99/R00, R01 and NSF award. Her current research focus is on the development, validation, and clinical translation of diffuse optical techniques for monitoring treatments of breast cancer, bone injury and brain. Her research incorporates various tools from disciplines such as physics, optics, engineering, computer science, biochemistry, biology, and medicine.