

FACULTY PROFILE



Andrew Richter, Ph.D.

Assistant Professor

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Education

Ph.D. - Northwestern University
2000 M.S. - Marquette University
1992 B.S. - Valparaiso University 1990

Courses Taught

Algebra-based physics (PHYS 111 & 112)
Sophomore physics lab (PHYS 245)
Electricity and Magnetism II (PHYS 372)
Quantum Mechanics II (PHYS 422)

Research Interests

X-ray Scattering
Surface Studies
Organic Thin Films
Nanoscience
Biophysics

Current Research

X-ray studies of protein adsorption onto functionalized surfaces
X-ray studies of nano-porous liposomes and films for sensing applications

Professional Affiliations

- American Physical Society
- American Chemical Society