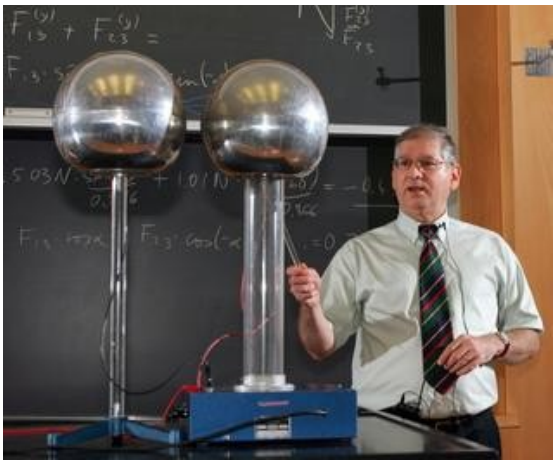

Teaching introductory physics

Undergraduate Teaching Award
Provost's Initiative on Technological Innovation in the Classroom, "Advanced computer visualization in teaching introductory physics to non-science majors", May 1994

Graduate Teaching Award
Outstanding Graduate Teaching Award of the College of Arts & Science, December 2005

Lecture courses taught at Vanderbilt University (1980-2016)

Listed below are course numbers and titles of courses taught by Prof. Oberacker, and the semesters during which the courses have been taught.

a) list of undergraduate courses, and semesters taught

110B Introductory Physics (for non-science majors)
1994 Provost's Award for Technology Innovation in the Classroom
S89, S90, S91, S92, S93, S94, S95, S96, S97, S00, S04

116B, 117B General Physics (for engineering / premed students):
F82, F83, F84, F85, F06

121B / 124 Intensive General Physics (for physics majors): S81

133 Introduction to Modern Physics (Science & the World): S82, S83, S84

229B / 226 Electrodynamics (part B): S87

250 Undergrad. Seminar: F07, S10

251B Quantum Mechanics (2^{nd} semester): S15

b) list of graduate courses, and semesters taught

300a Graduate Seminar: F88, F89, F97

305 / 8010 Particle and Continuum Mechanics:
S86, S87, F96, F97, F98, F99, F00, F01, F02, F03, F04,
F10, F11, F12, F13, F14, F15

329B / 321 Advanced Electrodynamics (part B): F80, S83, S85, F08, F09

330A Quantum Mechanics (part A): F81, F91, F94

330B Quantum Mechanics (part B): S03, S06, S07, S08, S09

333A Theoretical Physics Seminar (nuclear astrophysics): S01

340A Nuclear and Heavy-Ion Theory (part A): S81, F87, F89, F95, F07, S10, S12

340B Nuclear and Heavy-Ion Theory (part B): S88

341 Nuclear Theory Seminar: F80, F81, F83

365 / 8164 Many-Particle Quantum Theory:
F82, S84, F90, F93, S98, S02, S05, S11, S14, S16

370A Quantum Field Theory: F88