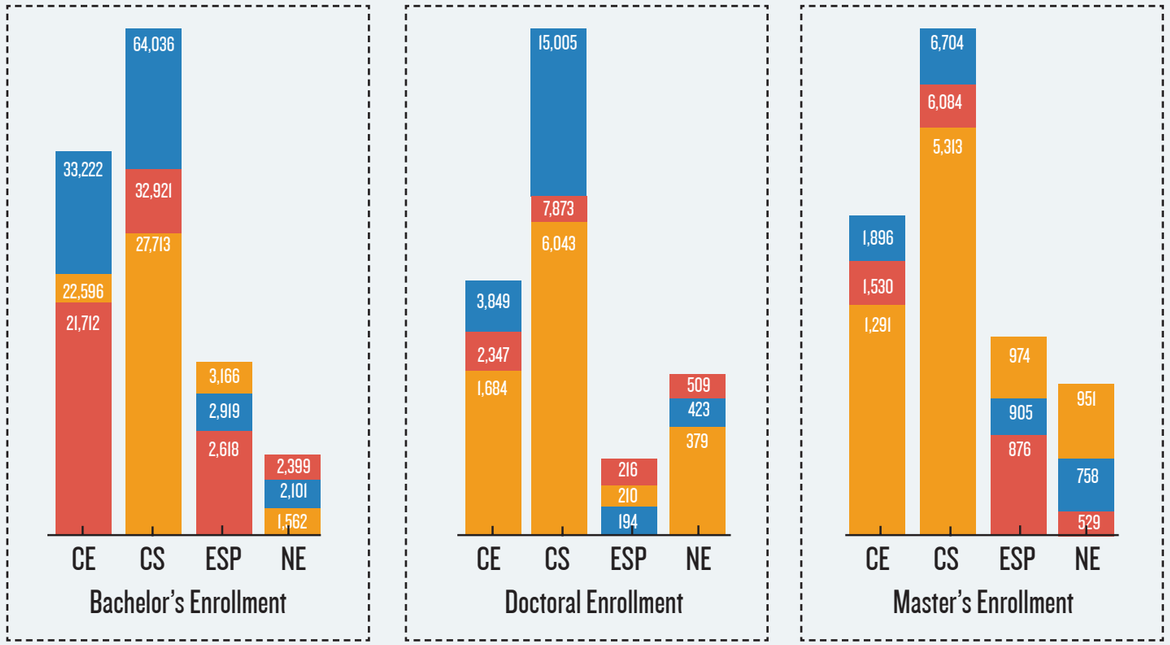
COMPUTER SCIENCE EXPANSION

The accompanying graphics compare trends over the period 2005-15 in enrollment and research funding of four engineering disciplines that figure in quantum engineering, the topic of this month's cover story: computer engineering, computer science (inside engineering), engineering science and engineering physics, and nuclear engineering. Enrollment data include bachelor's, master's, and doctoral degree levels. All three degree levels reveal a similar trend, with growth in computer science (inside engineering) far outpacing the other three fields. Enrollment in computer engineering also grew, particularly at the bachelor's level. The other two fields stayed comparatively flat through the period reviewed. Computer science (inside engineering) also enjoyed steady growth in federal research funding until recent years, when it leveled off. Industry support for computer science grew, with a recent drop. Industry support for computer engineering stayed mostly flat except for a spike in the 2006-8 period.

CE Computer Engineering
CS Computer Science
ESP Engineering Science and Physics
NE Nuclear Engineering

ENROLLMENT



RESEARCH FUNDING