

Boston University Physics ... by the numbers*

1150 refereed papers '99 - '03 BU	ranks 8 th among private universities of <i>US News top 26</i> in total papers for 1999 - 2003 period ≥ Brown, Carnegie Mellon, Chicago, Columbia, Johns Hopkins, Penn
15,962 citations '99 - '03	6 th among private universities; 12 th of all departments ≥ Austin, Brown, Chicago, Columbia, Cornell, Johns Hopkins, Madison, Penn, SUNY, Yale
The "Impact" = Citations/paper	highest of all 112 departments surveyed for 1999 - 2003 period ≥ Berkeley, Caltech, Chicago, Columbia, Cornell, Harvard, MIT, Princeton, Stanford, Yale
\$10.7 M/year research funding	9 th among private universities in '04, same as Princeton ≥ Brown, CMU, Columbia, Harvard, Ohio State, Penn, Rutgers, Santa Barbara, Yale
Funding per FTE (\$306k in '04)	7 th among <i>US News top 26</i> in '04 ≥ Brown, CMU, Columbia, Harvard, Illinois, Princeton, Michigan, Northwestern, Rockefeller
Faculty size = only 35	smaller than all but 3 of the Nat'l Res. Council's top 26 (which average 51 faculty)
Distinguished appointments	Sheldon Glashow, Nobel Prize 1979 in Physics, "Standard Model"
Recent junior appointments	Pritiraj Mohanty: quantum information and nanoscale structures Martin Schmaltz: particle theory of extra-dimensions Amy Katz: physics beyond the standard model Anatoli Polkovnikov: quantum dynamics in collective systems
Recent physics results	
First measurement of ground state of nanoscale mechanical oscillator	
First discovery of method to control noise with stochastic resonance processes	
Super-K: Discovery of neutrino mass, first observation of physics beyond the "Standard Model"	
highest-cited particle physics experiment of all time	
D0 group: co-discovery of top quark	
g-2 experiment: Another test for physics beyond the "Standard Model"	
Co-spokesman and two technical team leaders at BU, ultra fast electronics and mechanical components for world's largest superconducting magnet built at BU	
highest cited particle physics experiment for 2001 and 2002	
First measure of Kondo resonance in a single atom	
First demonstration of correlation between local doping and superconductivity in hi-T _c materials	
35 award winning faculty	
95 National physics research prizes or fellowships in last decade: 13 junior faculty awarded NSF Presidential, MRI, CAREER; 7 DOE OJI; 10 Sloan; 4 Cottrell; 3 Guggenheim; 2 Ulam; 20 Fellows of APS or AAAS; Boltzmann Medal; US President's Citizen of the Year Award for initiation of Human Genome Project; Bruno Rossi, Richtmyer, and Turnbull Prizes; 4 members of National or American Academies; American Philosophy Society; 5 spokespersons of major experiments; 7 members of national review committees	
Teaching prizes: 2001 NSF Director's Teacher/Researcher of the Year; 1998 and 2001 Mass. Professors of the Year; Metcalf Prize - best teacher in the University; 2 Gitner & 1 Neu Awards - best teachers in the College; University Teacher of the Year	
30 postdoctoral fellows and research professors	
Subsequent positions	ETH Zurich, Fermilab, Harvard, Johns Hopkins, KEK, LBL, MIT, NIST, SLAC
115 graduate students	
Some pre-Ph.D. awards	135 Ph.D.s and 165 M.A.s awarded in last decade Nottingham Prize, NSF graduate fellowships, SPIE Award, Wigner Prize
Recent post-Ph.D. positions	ANL, Berkeley, Chicago, Cisco, FNAL, Harvard, KEK, Lucent, LANL, Lincoln Labs, Max Planck, NIH, NASA, Sony, Stanford, UCLA, Wall Street
Post-Ph.D. awards	APS Maria Goeppart Mayer Prize, APS Tom Bonner Prize
120 undergraduate majors	
Recent post-BA schools	2 recent NSF Graduate Fellowship awardees Berkeley, Brown, Chicago, Cornell, Harvard, MIT, Oxford, Princeton, Santa Barbara, Stanford, SUNY

*Figures from Institute for Scientific Information, Spires, AIP "Graduate Programs in Physics", National Association of Graduate & Prof. Students.