

RICHARD JOHN FURNSTAHL

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CURRICULUM VITAE

Born: January 13, 1959

Haddonfield, New Jersey

Education:

<i>Degree</i>	<i>Institution</i>	<i>Date</i>
Ph.D.	Stanford University	1986
B.S.	M. I. T.	1981

Academic Positions:

Full Professor	The Ohio State University	2000– <i>present</i>
Associate Professor	The Ohio State University	1995–2000
Assistant Professor	The Ohio State University	1991–1995
Assistant Research Scientist	University of Maryland	1990–1991
CTP Fellow	University of Maryland	1987–1990
Postdoctoral Fellow	Indiana University	1985–1987

Fellowships and Awards:

APS Outstanding Referee	2009
Fellow of the AAAS	2007
Harlan Hatcher Memorial Award for Excellence	2005
John and Ruth Mount Award	2004
Fellow of the American Physical Society	2001
Ohio State Alumni Award for Distinguished Teaching	1997
NSF National Young Investigator	1992–1998
Alfred P. Sloan Research Fellowship	1992–1996

National Committees:

APS Division of Nuclear Physics Executive Committee	2011–2013
Nuclear Science Advisory Committee (NSAC)	2009– <i>present</i>
Institute for Nuclear Theory National Advisory Committee (chair 2010–12)	2009–2012
SciDAC UNEDF Council	2007– <i>present</i>

APS Division of Nuclear Physics Nominating Committee	2005–2006
APS Division of Nuclear Physics Webpage Committee	2002– <i>present</i>
National Nuclear Physics Summer School Committee (chair 2002-03)	2001–2005
National Science Foundation Committee of Visitors	2003
Institute for Nuclear Theory National Advisory Committee	1999–2001
APS Division of Nuclear Physics Education Committee	1997–2001
APS Research at an Undergraduate Inst. Award Committee (chair)	1996–98
IUCF Program Advisory Committee	1992–95
APS Maria Goeppert-Mayer Award Committee (chair 1994-95)	1993–95

Professional Societies:

American Physical Society, American Association of Physics Teachers,
American Association for the Advancement of Science

Referee:

Physical Review Letters, Physical Review B, C, and D, Nuclear Physics A, Physics Letters B,
European Journal of Physics
National Science Foundation, U.S. Department of Energy, NSERC
Editorial Board of Physical Review C (2006-2008)

Funding:

National Science Foundation Grant (PHY–9203145)	1992–95	\$118,000.
IBM Grant (with Prof. B. C. Clark)	1992–94	\$61,236.
National Young Investigator Award (PHY–9258270)	1992–97	\$270,000.
Sloan Foundation Fellowship	1992–96	\$30,000.
NSF Grant (PHY–9511923) [with Profs. Clark and Perry]	1995–98	\$475,000.
NSF Grant (DUE–9653145) [with Prof. van Heuvelen]	1997–00	\$400,000
NSF Grant (PHY–9800964) [with Profs. Clark and Perry]	1998–01	\$750,000.
NSF Grant (PHY–0098645) [with Profs. Clark and Perry]	2001–04	\$840,000.
NSF Grant (PHY–0354916)	2004–07	\$575,000.
[with Profs. Clark, Jeschonnek, and Perry]		
DOE SciDAC Grant (371984 and DE–FC02–09ER41586)	2006–10	\$374,000.
NSF Grant (PHY–0653312)	2007–10	\$692,000.
[with Profs. Jeschonnek and Perry]		
NSF Grant (PHY–1002478)	2010–13	\$991,000.
[with Profs. Jeschonnek and Perry]		

Research:

Prof. Furnstahl’s current research applies effective field theory (EFT) and renormalization group methods to strong-interaction few- and many-body systems. This includes deriving low-momentum few-body interactions based on chiral EFT and using them to construct a microscopic energy density functional for nuclei.