

## FA YUEH WU

Date of Birth:	January 5, 1932	Children:	Yvonne
Name of Wife	Jane		Yolanda
			Yelena

### EDUCATION

Ph.D.	1963	Washington University, St. Louis
M.S.	1959	National Tsing Hua University, Taiwan
B.S.	1954	Chinese Naval College of Technology, Taiwan

### POSITIONS HELD

2006-Present	Matthews Distinguished Professor Emeritus, Northeastern Univ.
1992-2006	Matthews Distinguished Professor, Northeastern University
1989-1992	University Distinguished Professor, Northeastern University
1975-1989	Professor, Northeastern University
1969-1975	Associate Professor, Northeastern University
1967-1969	Assistant Professor, Northeastern University
1963-1967	Assistant Professor, Virginia Polytechnic Institute

### OTHER POSITIONS

2005	Visiting Professor, Center for Advanced Study, Beijing
1999	Visiting Professor, NCTS, Taiwan
1996, 1991	Visiting Professor, University of Paris VI
1995, 1990, 1973	Visiting Professor, Australian National University
1994	Visiting Professor, University of Amsterdam
1991	Invited Chair Lecturer, National Research Council, Taiwan
1991, 1988, 1985, 1978, 1975	Visiting Professor, Ecole Polytechnic Federale Laussane
1990, 1995	Visiting Professor, Institute of Physics, Academia Sinica, Taiwan
1988, 1974	Visiting Professor, National Tsing Hua University, Taiwan
1987	Visiting Professor, Brazilian Center of Theoretical Physics
1984	Visiting Professor, National Taiwan University
1983-1984	Program Director, National Science Foundation
1981	Visiting Professor, Institute of Nuclear Energy, West Germany

1980 Visiting Professor, Institute-Lorentz and Technische Hogeschool Delft University, Holland

### PROFESSIONAL SOCIETIES

Sigma Xi

Phi Tau Phi

Permanent Member, Chinese Physical Society (Taipei).

Fellow, American Physical Society.

### AWARDS AND HONORS

- 1971 Science Award, given annually to an outstanding overseas Chinese scientist by the Overseas Chinese Federation of Taiwan
- 1973 Fulbright-Hays Senior Research Scholar
- 1973 Fellow, American Physical Society
- 1979 Honorary Professor, Beijing Normal University, Beijing, China
- 1985 Robert Klein Lecturer, Northeastern University
- 1985 Honorary Professor, Southwest Normal University, Chongqing, China
- 1986 Prize Award, Omni magazine, for solving a 20-year old mathematical problem
- 1989 University Distinguished Professor, Northeastern University
- 1991 Special Invited Lecturer, National Science Council, Taipei
- 1992 Matthews Distinguished University Professor, Northeastern University
- 2001 Honorary Guest Professor, Nankai University, Tianjin, China
- 2001 International Conference held in honor of F. Y. Wu's 70th birthday: The Asian Pacific Center for Theoretical Physics APCTP-Nankai Symposium on Lattice Statistics and Mathematical Physics, Nankai University, Tianjin, Oct. 7-11 (2001).  
Proceedings published in Series on Advances in Statistical Mechanics, Vol. 15, *Lattice Statistics and Mathematical Physics* (World Scientific, Singapore, 2002), and as a special issue of the International Journal of Modern Physics B, Vol. 16, Nos. 14-15 (2002).
- 2002 International Conference held in honor of F.Y.Wu's 70th birthday: StatPhys-Taiwan 2002 Symposium on Lattice Models and Complex Systems, Academia Sinica, Taiwan, May 26-29 (2002). Proceedings published as a special issue of The Physica A, Vol. 321, Nos. 1-2 (2003).
- 2003 International Symposium held in F.Y.Wu's honor: The Wu Festival, Northeastern University, May 4, 2003
- 2003 Outstanding Alumnus, National Tsing Hua University, Taiwan

2004 Hsu Shu-Dao and Tsai Show-Hua Foundation Lectureship, Chung Yuan Christian University, Chungli, Taiwan

#### GRANTS

1968-69 Principal Investigator, NSF-GP 6851 (\$26,000)  
 1968-70 Principal Investigator, NSF-GP 9041 (\$20,900)  
 1970-72 Principal Investigator, NSF-GP 25306 (\$29,100)  
 1972-74 Principal Investigator, NSF-GH 35822 (\$24,000)  
 1974-76 Principal Investigator, NSF-DMR 72-03213 A01 (\$36,300)  
 1976-78 Principal Investigator, NSF-DMR 76-20643 (\$39,800)  
 1978-83 Principal Investigator, NSF-DMR 78-18808 (\$132,300)  
 1983-84 Principal Investigator, NSF IPA Assignment (\$88,700)  
 1983-87 Principal Investigator, NSF-DMR 82-19254 (\$100,100)  
 1986-89 Principal Investigator, NSF-INT 85-17155 (\$13,750)  
 1987-90 Principal Investigator, NSF-DMR 87-02596 (\$138,000)  
 1989-92 Principal Investigator, NSF-INT 89-02033 (\$24,200)  
 1992 Principal Investigator, RSDF Grant (\$10,000)  
 1990-93 Principal Investigator, NSF-DMR 90-15489 (\$138,000)  
 1991-94 Principal Investigator, NSF-INT 91-13707 (\$14,150)  
 1993-96 Principal Investigator, NSF-INT 92-07261 (\$21,120)  
 1993-96 Principal Investigator, NSF-DMR 93-13648 (\$159,000)  
 1996 Principal Investigator, RSDF Grant (\$7,900)  
 1996-99 Principal Investigator, NSF-DMR-9614170 (\$180,000)  
 1999 Principal Investigator, RSDF Grant (\$4,905)  
 1999-2003 Principal Investigator, NSF-DMR-9980440 (\$255,000)  
 2003 Principal Investigator, RSDF Grant (\$4,000)

#### LISTED IN

American Men and Women of Science; American Men of Education  
 International Scholars Directory; Dictionary of International Biography

#### PROFESSIONAL SERVICES

Editor: Journal of Statistical Physics (1984-1987)  
 Modern Physics Letters B (1986 - present )  
 International Journal of Modern Physics B (1986 - present )  
 Physica A (1990 - present )

**PROFESSIONAL EXPERIENCES**

- 1964-67 Consultant, NASA Langley Center, Virginia
- 1968 Visiting Scholar, Institute for Theoretical Physics, State University of New York, Stony Brook, New York, June - August
- 1969 Invited Lecturer, Summer Institute in Theoretical Physics, National Tsing Hua University
- 1973 Visiting Scholar, Institut des Hautes Etudes Scientifiques, Bures-sur-Yvette, France, January-February
- 1973 Honorary Fellow, Research School of Physical Sciences, (Fulbright Scholar) Australian National University, July-December
- 1974 Visiting Professor, National Tsing Hua University, Taiwan, January-August
- 1975 Invited Visiting Professor, Laboratoire de Physique Theorique, Ecole Polytechnique Federale, Lausaane, Switzerland, July-August
- 1978 Invited Visiting Professor, Laboratoire de Physique Theorique, Ecole Polytechnique Fererale, Lausanne, Switzerland, June-July
- 1979 Invited Lecturer, Institute of Physics, Academia Sinica, Peking China, August-September
- 1980 Visiting Professor, Instituut-Lorentz and Technische Hogeschool Delft, Holland, September-December
- 1981 Visiting Scientist, Institut fur Festkorperforschung der Kerforschungsanlage, Juelich, W. Germany, January-May
- 1981 Visiting Professor, Boston University, June
- 1982 Visiting Professor, Boston University, June-July
- 1983-84 Program Director, Condensed Matter Theory and Condensed Matter Physics, National Science Foundation, September 83 – December 84
- 1984 Invited Visiting Professor, National Taiwan University, August-September
- 1985 Visiting Professor, Institute de Physique Theorique, Ecole Polytechnique Federale, Lausanne, Switzerland, September
- 1987 Visiting Professor, Brazilian Center of Theoretical Physics, Rio de Janiero, Brazil. August – September
- 1987 Visiting Professor, University of Washington, October - December
- 1988 Visiting Professor, National Tsing Hua University, Taiwan, Jan.-April

- 1988 Visiting Professor, Institut de Physique Theorique, Ecole Polytechnique Federale, Lausanne, Switzerland, July
- 1990 Visiting Professor, Australian National University, Canberra, Australia, February
- 1990 Visiting Professor, Institute of Physics, Academia Sinica, April-June.
- 1991 Visiting Professor, Institut de Physique Theorique, Ecole Poltechnique Federale, Lausanne, Switzerland, August
- 1991 Visiting Professor, Laboratoire de Physique Theorique et Hautes Energies, University of Paris VI, September
- 1994 Visiting Professor, University of Amsterdam, The Netherlands, November
- 1995 Visiting Professor, Institute of Physics, Academia Sinica, Taipei, Taiwan, January - February
- 1995 Visiting Professor, Australian National University, Canberra, Australia, August – September
- 1996 Visiting Professor, Laboratoire de Physique Theorique et Hautes Energies, University of Paris VI, October
- 1999 Visiting Professor, National Center for Theoretical Sciences, Taiwan, August-November
- 2005 Visiting Professor, Center for Advanced Study, Beijing, September-October

#### **INVITED TALKS**

- 1971 Invited Lecturer, Solid State Theory Conference, National Science Council, Taiwan
- 1975 Invited Speaker, Recontre on Combinatorial Mathematics and Application, Aberdeen, Scotland, July
- 1977 Invited Speaker, 13th IUPAP International Conference on Statistical Physics, Haifa, Israel, August
- 1980 Invited Speaker, 14th IUPAP International Conference on Statistical Physics, Edmington, Canada, August
- 1982 Invited Speaker, Rocky Mountain-Southwest Theoretical Physics Conference, Salt Lake City, March
- 1982 Invited Lecturer, International Conference on Condensed Matter Physics, Peking, December
- 1987 Invited Speaker, 15th IUPAP International Conference on Statistical Physics, Boston, August

- 1988 Invited Speaker, Winter Workshop in Statistical Mechanics, Taipei, February
- 1988 Invited Speaker, Annual Meeting of Chinese Physical Society, Taiwan, February
- 1989 Invited Speaker, Rencontre in Theoretical Physics, Lausanne, Switzerland, January
- 1989 Invited Speaker, 17th IUPAP International Conference on Statistical Physics, Rio de Janeiro, Brazil, August
- 1990 Invited Speaker, Symposium on Critical Phenomena and Chaos, Taipei, June
- 1992 Invited Speaker, International Workshop in Statistical physics, Beijing, China, October
- 1993 Invited Speaker, IUPAP Symposium in Statistical Mechanics, Taipei, August
- 1994 Invited Speaker, CAM-94 Joint Meeting of the Canadian, American and Mexican Physical Societies, Cancun, Mexico, September
- 1995 Invited Speaker, International Workshop on Physics and Combinatorics, Marseille, France, March
- 1995 Invited Speaker, 19th IUPAP International Conference on Statistical Physics, Xiamen, China, August
- 1995 Organizer, Symposium on Statistical Models, Yang-Baxter Equation, and Related Topics, Tianjin, China, August
- 1996 Organizer, Symposium on Exactly Soluble Models in Statistical Mechanics, Boston, March
- 1996 Invited Speaker, Centre Emile Borel, Institut Henri Poincare, Paris, October
- 1997 Invited Speaker, 7<sup>th</sup> Asian-Pacific Physics Conference, Beijing, China, August
- 1998 Invited Speaker, the Jaeger Symposium, Fourier Institute of Mathematics, Grenoble, France, September
- 1998 Invited Speaker, ACPTP-Nankai Symposium on Yang-Baxter Equations, Seoul, Korea, October
- 1999 Invited Speaker, Coop99, Max Planck Institute, Dresden, Germany, February
- 1999 Organizer, Advanced School on Interface between Statistical Physics and Mathematics, Hsin Chu, Taiwan, August
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- 1999 Invited Speaker, International Symposium on Equilibrium and Nonequilibrium Statistical Physics, Taipei, Taiwan, August
- 1999 Invited speaker, The 84th Rutgers Meeting on Statistical Mechanics, Rutgers University, December
- 2000 Invited speaker, Symposium on Baxter Revolution, Canberra, Australia, February
- 2001 Invited speaker, Symposium on Mathematical Physics and Lattice Statistics, Tianjin, China, October
- 2002 Invited speaker, Stat Phys. – Taiwan, 2002, Taipei, Taiwan, May
- 2002 Invited speaker, The 88<sup>th</sup> statistical mechanics meeting, Rutgers University, December
- 2003 Invited speaker, conference of Number Theory and Combinatorics in Physics, University of Florida, March
- 2003 Invited speaker, 2003 SIAM and CSIAM Joint Annual Meeting, Montreal, Canada, June
- 2004 Invited speaker, Workshop on Statistical Physics, Institute of Physics, Academia Sinica, Taipei, May
- 2004 Invited speaker, Wu-Ta-You Science Camp, Taiwan, August
- 2004 Invited speaker, The Landelijk Seminarium, The Netherlands, December
- 2004 Invited speaker, the Erenfesti Colloquium, Lorentz Institute of Physics, Leiden, The Netherlands, December
- 2005 Invited Lecturer, Chung Yuan Christian University, Chungli, Taiwan, May
- 2005 Invited speaker, The 94<sup>th</sup> Statistical Mechanics Meeting, Rutgers University, New Brunswick, December
- 2006 Invited speaker, The NCTS Workshop on Critical Phenomena and Complex Systems, Taipei, March
- 2007 Invited speaker, Symposium in honor of Professor C. N. Yang's 85<sup>th</sup> Birthday, Singapore, October