

Rutgers, The State University of New Jersey

Institutional Profile Report

Section E

Faculty Characteristics

Full-Time Faculty by Race/Ethnicity, Gender, Tenure Status and Academic Rank, Fall 2009

Race/Ethnicity	Gender	TENURED				Total
		Professor	Associate Professor	Assistant Professor	All Others	
African American	Male	20	12	0	0	32
	Female	6	19	0	0	25
American Indian	Male	0	1	0	0	1
	Female	0	2	0	0	2
Asian	Male	92	48	1	0	141
	Female	14	23	0	0	37
Latino	Male	14	13	0	0	27
	Female	2	4	0	0	6
White	Male	635	268	0	0	903
	Female	196	215	0	0	411
Non-Resident Alien	Male	8	12	0	0	20
	Female	2	9	0	0	11
Unknown	Male	0	0	0	0	0
	Female	0	0	0	0	0
Total	Male	769	354	1	0	1,124
	Female	220	272	0	0	492

Race/Ethnicity	Gender	WITHOUT TENURE				Total
		Professor	Associate Professor	Assistant Professor	All Others	
African American	Male	1	1	14	10	26
	Female	1	0	16	12	29
American Indian	Male	0	0	1	1	2
	Female	0	1	4	0	5
Asian	Male	4	5	42	59	110
	Female	1	5	43	71	120
Latino	Male	0	0	14	7	21
	Female	1	3	11	11	26
White	Male	29	44	138	191	402
	Female	16	35	155	204	410
Non-Resident Alien	Male	2	2	53	203	260
	Female	2	2	32	88	124
Unknown	Male	0	0	0	0	0
	Female	0	0	0	0	0
Total	Male	36	52	262	471	821
	Female	21	46	261	386	714

Race/Ethnicity	Gender	TOTAL				Total
		Professor	Associate Professor	Assistant Professor	All Others	
African American	Male	21	13	14	10	58
	Female	7	19	16	12	54
American Indian	Male	0	1	1	1	3
	Female	0	3	4	0	7
Asian	Male	96	53	43	59	251
	Female	15	28	43	71	157
Latino	Male	14	13	14	7	48
	Female	3	7	11	11	32
White	Male	664	312	138	191	1,305
	Female	212	250	155	204	821
Non-Resident Alien	Male	10	14	53	203	280
	Female	4	11	32	88	135
Unknown	Male	0	0	0	0	0
	Female	0	0	0	0	0
Total	Male	805	406	263	471	1,945
	Female	241	318	261	386	1,206

**Instructional Faculty
Ratio of Full-time/Part-time Faculty
Fall 2009**

FACULTY	N	%
Full-time Faculty	3,151	68.4
Part-time Faculty	1,454	31.6
Total	4,605	100

**Percentage of Course Sections Taught
By Full-Time and Part-Time Faculty**

Total Number of Course Sections	Taught by Full-time Faculty		Taught by Part-time Faculty		Taught by Others	
	N	%	N	%	N	%
7,446	4,725	63.5	1,627	21.9	1,094	14.7

Note: Others includes Full-time Administrators and Teaching Assistants

Ratio of Full- to Part-time Faculty, Fall 2009

Full-time		Part-time		Total	
N	%	N	%	N	%
3,151	68.4	1,454	31.6	4,605	100



Renowned Faculty



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Who We Are

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Faculty Honors ▶

Student Honors

Members of the National Academies

National Rankings

Rutgers History

Leadership & Governance

Administrative Offices & Departments

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Faculty Honors

Rutgers faculty are internationally recognized for the work they do to create new knowledge, generate innovative ideas, and prepare the next generation of leaders.

They have won the National Medals of Science and Technology, Guggenheim Fellowships, MacArthur "Genius" Awards, and Fulbright Scholarships, and been named Professor of the Year.

They have been elected to the most prestigious scholarly societies: the National Academy of Sciences, National Academy of Engineering, Institute of Medicine, American Academy of Arts and Sciences, American Academy of Arts and Letters, and American Association for the Advancement of Science.

Recent Recognition

JOHN SIMON GUGGENHEIM MEMORIAL FOUNDATION

Two Rutgers faculty received Guggenheim Fellowships in 2010. They are Richard Serrano, associate professor of French, and Camilla Townsend, professor of history.

AMERICAN PHYSICAL SOCIETY



The society recognized two Rutgers physics professors in 2010. Sang-Wook Cheong (pictured) won the James C. McGroddy Prize for New Materials; Daniel Friedan was awarded the Lars Onsager Prize for his work on complex materials.

AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

The association elevated three Rutgers researchers to the rank of fellow in 2009. They are Susan M. Cachel, associate professor of anthropology; Lee Clarke, associate professor of sociology; and James M. Tepper, professor of molecular and behavioral neuroscience.

INSTITUTE OF MEDICINE



David Mechanic, director of Rutgers' Institute of Health, Health Care Policy and Aging Research, received the 2009 Rhoda and Bernard Sarnat International Prize in Mental Health in recognition of his work in medical sociology.

AMERICAN ORNITHOLOGISTS' UNION



Joanna Burger, professor of biology, was awarded the Brewster Medal for her work on seabird behavior and ecology and for her mentorship of more than 50 graduate students.

Newest National Academies Member



Endre Szemerédi, State of New Jersey Professor of Computer Science, is the latest Rutgers faculty member to be elected to the National Academy of Sciences, one of the highest honors an American scientist can achieve. His research has spurred important advances in combinatorics and number theory. [Learn more.](#)

PRESIDENTIAL EARLY CAREER AWARDS FOR SCIENTISTS AND ENGINEERS

This highly prestigious award went to three Rutgers professors in recognition of their exceptional potential for leadership in research and their demonstrated commitment to community service. They are Jimmy de la Torre, associate professor of educational psychology; Hao Lin, assistant professor of mechanical engineering; and Charles R. Keeton II, assistant professor of astronomy.

AMERICAN ACADEMY OF ARTS AND SCIENCES

The academy elected two professors, historian T. Jackson Lears and philosopher Stephen Stich, as fellows.

More Faculty Accomplishments

Rutgers–New Brunswick

- [College of Nursing](#)
- [Graduate School of Applied and Professional Psychology](#)
- [School of Arts and Sciences](#)
- [School of Communication and Information](#)
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Rutgers–Newark

- [College of Nursing](#)
- [School of Law–Newark](#)
- [School of Public Affairs and Administration](#)



Rutgers' Best Thinkers



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Who We Are

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Members of the National Academies

Election to membership in the National Academies is one of the highest honors a scientist can attain. These four prestigious bodies—the National Academy of Sciences, the National Academy of Engineering, the Institute of Medicine, and the National Research Council—bring together the nation's top experts to advise the federal government on critical issues.

Rutgers faculty who are currently members of the National Academies are:

National Academy of Sciences

[Elihu Abrahams](#), Bernard Serin Professor of Physics, Department of Physics and Astronomy, School of Arts and Sciences; Director, Center for Materials Theory
Election Year: 1987

[Joan W. Bennett](#), Associate Vice President for the Promotion of Women in Science, Engineering, and Mathematics; Professor II, Department of Plant Biology and Pathology, School of Environmental and Biological Sciences
Election Year: 2005

[Felix Browder](#), University Professor of Mathematics, Department of Mathematics, School of Arts and Sciences
Election Year: 1973

Morrel Cohen, Distinguished Scientist, Department of Physics and Astronomy, School of Arts and Sciences
Election Year: 1978

[Allan Conney](#), Garbe Professor of Cancer and Leukemia Research, Department of Chemical Biology, Ernest Mario School of Pharmacy
Election Year: 1982

[Hugo K. Dooner](#), Professor, Department of Plant Biology and Pathology, School of Environmental and Biological Sciences; Waksman Institute of Microbiology
Election Year: 2007

[Paul G. Falkowski](#), Board of Governors Professor of Geological and Marine Science, Department of Earth and Planetary Sciences, School of Arts and Sciences; Institute of Marine and Coastal Sciences; Director, Rutgers Energy Institute
Election Year: 2007

James Flanagan, Professor Emeritus, Department of Electrical and Computer Engineering, School of Engineering
Election Year: 1983

[Charles R. Gallistel](#), Professor II, Department of Psychology, School of Arts and Sciences; Codirector, Rutgers Center for Cognitive Science
Election Year: 2002

[Rochel Gelman](#), Professor II, Department of Psychology, School of Arts and Sciences; Codirector, Rutgers Center for Cognitive Science
Election Year: 2006

Race, Politics, and Health Care Policy



Keith Wiloo, inducted into the Institute of Medicine in 2007, brings a historian's perspective to the complex questions surrounding the delivery of medical care in America. His book *Dying in the City of the Blues: Sickle Cell Anemia and the Politics of Race and Health* examines the unexpected impact race and ethnicity have on health care policy. [Learn more.](#)

Future Scientists



Sid the Science Kid, the popular PBS television program, would not be the same without Rutgers professor Rochel Gelman. Elected to the National Academy of Sciences in 2006, Gelman is an expert on creating environments that foster interest in math and science. Her approach, which builds on children's natural

[Henryk Iwaniec](#), New Jersey Professor of Mathematics, Department of Mathematics, School of Arts and Sciences
Election Year: 2006

[Dennis Kent](#), Board of Governors Professor of Geological Sciences, Department of Earth and Planetary Sciences, School of Arts and Sciences
Election Year: 2004

[Joel Lebowitz](#), George William Hill Professor of Mathematics and Physics, Department of Physics and Astronomy and Department of Mathematics, School of Arts and Sciences
Election Year: 1980

[David Mechanic](#), René Dubos University Professor of Behavioral Sciences, Department of Sociology, School of Arts and Sciences; Director, Institute for Health, Health Care Policy and Aging Research
Election Year: 1991

[James C. Phillips](#), Distinguished Visiting Professor, Department of Physics and Astronomy, School of Arts and Sciences
Election Year: 1977

[Lawrence R. Rabiner](#), Professor II, Department of Electrical and Computer Engineering, School of Engineering; Associate Director, Center for Advanced Information Processing
Election Year: 1990

[Lawrence Shepp](#), Board of Governors Professor of Statistics, Department of Statistics, School of Arts and Sciences
Election Year: 1989

Endre Szemerédi, Professor of Computer Science, Department of Computer Science, School of Arts and Sciences
Election Year: 2010

[Evelyn Witkin](#), Barbara McClintock Professor Emerita of Genetics, Waksman Institute of Microbiology
Election Year: 1977

National Academy of Engineering

James Flanagan, Professor Emeritus, Department of Electrical and Computer Engineering, School of Engineering
Election Year: 1978

[Richard H. Frenkiel](#), Visiting Professor, Department of Electrical and Computer Engineering, School of Engineering
Election Year: 1997

[James D. Idol](#), Professor Emeritus, Department of Materials Science and Engineering, School of Engineering
Election Year: 1986

[Bernard H. Kear](#), New Jersey Professor of Materials Science and Technology, Department of Materials Science and Engineering, School of Engineering; Director, Center for Nanomaterials Research
Election Year: 1979

[Michael Lesk](#), Professor and Chair, Department of Library and Information Science, School of Communication and Information
Election Year: 2005

[Lawrence R. Rabiner](#), Professor II, Department of Electrical and Computer Engineering, School of Engineering; Associate Director, Center for Advanced Information Processing
Election Year: 1983

Elias Snitzer, Professor Emeritus, Department of Materials Science and Engineering, School of Engineering
Election Year: 1979

John B. Wachtman Jr., Professor Emeritus, Department of Materials Science and Engineering, School of Engineering
Election Year: 1976

Institute of Medicine

[Gerald N. Grob](#), Henry E. Sigerist Professor of the History of Medicine

curiosity to introduce scientific methods of inquiry, has made Sid a major hit among the preschool set. [Learn more.](#)

Emeritus, Department of History, School of Arts and Sciences;
Institute for Health, Health Care Policy and Aging Research
Election Year: 1990

[William Holzemer](#), Dean, College of Nursing
Election Year: 2003

[Casimir A. Kulikowski](#), Board of Governors Professor of Computer
Science, Department of Computer Science, School of Arts and
Sciences
Election Year: 1988

[Howard Leventhal](#), Board of Governors Professor of Health Sciences,
Department of Psychology, School of Arts and Sciences
Election Year: 1997

[David Mechanic](#), René Dubos University Professor of Behavioral
Sciences, Department of Sociology, School of Arts and Sciences;
Director, Institute for Health, Health Care Policy and Aging Research
Election Year: 1971

[Louise B. Russell](#), Professor, Department of Economics, School of Arts
and Sciences; Chair, Division of Health Policy, Institute for Health,
Health Care Policy and Aging Research
Election Year: 1984

[Lawrence Shepp](#), Board of Governors Professor of Statistics,
Department of Statistics, School of Arts and Sciences
Election Year: 1992

Keith Wiloo, Martin Luther King Jr. Professor of History, Department
of History, School of Arts and Sciences; Institute for Health, Health
Care Policy and Aging Research; Director, Center for Race and
Ethnicity
Election Year: 2007