

Rutgers, The State University of New Jersey

Institutional Profile Report

Section I

Major Research and Public Service Activities

MAJOR RESEARCH AND PUBLIC SERVICE ACTIVITIES**R&D EXPENDITURES : YEAR 2006**

	Amount (\$)
Federally Financed Academic R&D Expenditures	129,456,000
Institutionally Financed Academic R&D Expenditures	103,370,000
Total Academic R&D Expenditures	308,204,000

Note: Dollar amount as reported to the National Science Foundation (NSF)
on Form #411
(*Survey of Research and Development Expenditures at Colleges and Universities*).

UNIVERSITY RELATIONS

Research Highlights

The Creation of Knowledge

Creating knowledge and transmitting it to present and future generations is the very essence of a research university. Rutgers students, both undergraduate and graduate, are exploring the human experience and the natural universe, and opening doors to new discoveries. They are following paths that prepare them to become tomorrow's innovators and leaders.

Research in the News



[Rutgers Faculty Research World War II](#)

Rutgers is a center of original World War II scholarly research and a significant archive of oral histories about the war. Ken Burns' new PBS documentary is reawakening interest in this conflict.



[Rutgers Scientists Preserve and Protect Foods Naturally](#)

Rutgers scientists used natural antimicrobial agents derived from sources such as cloves, oregano, thyme and paprika to create novel biodegradable polymers to block bacterial biofilms on food.



[Caffeine and Exercise Can Team Up to Prevent Skin Cancer](#)

A new Rutgers study has found that low to moderate amounts of caffeine along with exercise can help prevent sun-induced skin damage that could lead to cancer.



[Video Awards, High-Stakes Poker at Artificial Intelligence Conference](#)

Rutgers computer scientist Michael Littman returned from the world's leading artificial intelligence conference with a trophy for [best short video](#), showing a Sony robotic dog responding to cues to perform simple tasks. He also served as official arbiter of a poker match between a computer and two expert human contenders, which the humans won – narrowly.



[New Study Finds Abbott Preschools Cut Achievement Gap](#)

A study by the National Institute for Early Education Research at Rutgers shows that children who attend New Jersey's Abbott Preschool Program in the state's most disadvantaged communities continue to make significant gains in literacy, language, and math.

SERVING NEW JERSEY

- Camden

- Newark

- New Brunswick

Statewide

- [New Jersey Agricultural Experiment Station](#)

Continuing Education

- [Center for Children and Childhood Studies](#)
- [William G. Rohrer Center for Management and Entrepreneurship](#)
- [Citizenship and Service Education \(CASE\)](#)
- [Continuous Education](#)
- [The Douglass Project](#)
- [Management Development, Center for](#)
- [Services for New Jersey from the Rutgers University Libraries](#)
- [Physics & Astronomy Outreach](#)

K-12

- [C.O.O.L. Classroom \(Marine and Coastal Sciences\)](#)
- [High School Institute Program](#)
- [New Jersey 4-H](#)
- [Rutgers Young Scholars Program in Discrete Mathematics](#)
- [Waksman Student Scholars](#)

Social/Political Outreach

- [Center for American Women & Politics](#)
- [Center for Public Interest Polling](#)
- [Center for Social and Community Development \(School of Social Work\)](#)
- [Center for Strategic Urban Community Leadership](#)
- [Dance Marathon](#)
- [Eagleton Institute of Politics](#)
- [Edward J. Bloustein School of Planning and Public Policy](#)
- [Prudential Business Ethics Center](#)
- [Public Security, Rutgers Center for the Study of](#)
- [Rutgers-Camden Quarterly Business Outlook](#)
- [Rutgers Community Outreach Partnership Center](#)
- [Rutgers Law Domestic Violence Project](#)
- [School of Management and Labor Relations](#)
- [The Walter Rand Institute for Public Affairs](#)

Urban/Land Development

Medicine and Health Care

- [Food Stamp Nutrition Education Program](#)
- [New Jersey Collaborating Center for Nursing](#)
- [New Jersey Obesity Group](#)
- [Rutgers/LEAP Health and Human Services Center](#)

- [NJ Harmful Plants Gallery](#)
- [NJ State Climatologist](#)
- [NJ Weed Gallery](#)

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Research Centers

Please note that this is a listing of public sites for research centers on the Camden, Newark and New Brunswick/Piscataway campuses. It does not include departmental web sites or individual staff, faculty, or student web pages.

[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#)

A

- [Accounting Research Center](#)
- [Advanced Biotechnology and Medicine, Center for](#)
- [Advanced Energy Systems, Center for](#)
- [Advanced Food Technology, Center for](#)
- [Advanced Information Processing, Center for](#)
- [Advanced Infrastructure and Transportation, Center for](#)
- [Advanced Materials and Devices, Institute for](#)
- [Advanced Materials via Immiscible Polymer Processing, Center for](#)
- [African Studies, Center for](#)
- [Agricultural Experiment Station, New Jersey](#)
- [Agriculture and Resource Management Agents, Department of](#)
- [AIDS Policy Research Group](#)
- [Air Compliance Center, Rutgers](#)
- [Air Pollution Training Program](#)
- [Alcohol Studies, Center of](#)
- [Alexandria Project Laboratory](#)
- [American Women and Politics, Center for](#)
- [Aresty Research Center for Undergraduates](#)
- [Asian American Cultural Center](#)

B

- [Biological, Mathematical, and Physical Sciences Interfaces Institute](#)
- [Biomaterials, New Jersey Center for](#)
- [Biostatistics, Institute of](#)
- [Biotechnology Center for Agriculture and the Environment](#)
- [Blueberry and Cranberry Research and Extension, Phillip E. Marucci Center for](#)
- [Brodsky Center for Print and Paper](#)

C

- [Cancer Research, Susan L. Cullman Laboratory for](#)
- [Cell and DNA Repository, Rutgers University](#)
- [Cellular and Molecular Biodynamics, Center for](#)
- [Center for the Arts, Rutgers-Camden](#)
- [Ceramic Research, Malcolm G. McLaren Center for](#)
- [Children and Childhood Studies, Center for](#)
- [Clifford E. and Meida C. Snyder Research & Extension Farm - Rutgers Center for Sustainable Agriculture](#)
- [Cognitive Science, Rutgers Center for](#)
- [Community Development Institute](#)
- [Computational and Integrative Biology, Center for](#)
- [Computational Chemodynamics Laboratory](#)

- [Computational Neuroscience, Center for](#)
- [Computer Science Research, Laboratory for](#)
- [Constitutional Litigation Clinic](#)
- [Controlled Environment Agriculture, Center for](#)
- [Cooperative Extension, Rutgers](#)
- [Crime Prevention Studies, Center for](#)
- [Cultural Analysis, Center for](#)
- [Culture and Politics of Democracy, Walt Whitman Center for the](#)
- [Customer Relationship Management Research Center](#)

D

- [Deep-Sea Ecology and Biotechnology, Center for](#)
- [Developmental Disabilities, Douglass Center for](#)
- [Digital Signal Processing Research, Center for](#)
- [Discrete Mathematics and Theoretical Computer Science, Center for](#)
- [Distributed Laboratory for Digital Libraries, Rutgers](#)
- [Douglass Project for Rutgers Women in Math, Science, and Engineering](#)

E

- [Eagleton Center for Public Interest Polling](#)
- [Eagleton Institute of Politics](#)
- [Early Education Research, National Institute for](#)
- [Eastern Regional Radon Training Center](#)
- [Economics and Children, Center for](#)
- [Edison Papers, Thomas A.](#)
- [Education Law and Policy, Institute for](#)
- [Electronic Texts in the Humanities, Center for](#)
- [Elizabeth Cady Stanton and Susan B. Anthony Papers Project](#)
- [Energy Institute, Rutgers](#)
- [Energy, Economic and Environmental Policy, Center for](#)
- [Entrepreneurial Management, Center for](#)
- [Environmental and Agricultural Education, Center for](#)
- [Environmental and Occupational Health Sciences Institute](#)
- [Environmental Communication, Center for](#)
- [Environmental Indicators, New Jersey Center for](#)
- [Environmental Law Clinic](#)
- [Environmental Prediction, Center for](#)
- [Environmental Sciences Training Centers](#)
- [Equine Science Center](#)
- [Ethnicity, Culture, and the Modern Experience, Institute for](#)
- [European Studies, Center for](#)
- [Excellence for Radioactive Ion Beam Studies for Stewardship Science, Center of](#)

F

- [Families and Communities, Newark Center for](#)
- [Families, Institute for](#)
- [Family Business Resource Center of Southern New Jersey, Rutgers](#)
- [Family Involvement in Schools, Center for](#)
- [Federal Tax Law Clinic](#)
- [Fiber Optic Materials Research Program](#)
- [Food Innovation Center](#)
- [Food Policy Institute](#)
- [Forest Center, Hutcheson Memorial](#)

G

- [Gambling Studies, Center for](#)
- [Global Affairs, Division of](#)
- [Global Security and Democracy, Center for](#)
- [Global Strategic Human Resource Management, Center for](#)
- [Government Services, Center for](#)
- [Governmental Accounting Education and Research, Center for](#)
- [Green Buildings, Rutgers Center for](#)

H

- [Health and Human Services Center, Rutgers/LEAP](#)
- [Health Beliefs and Behavior, Center for the Study of](#)
- [Health Services Research on Pharmacotherapy, Chronic Disease Management, and Outcomes, Center for](#)
- [Health, Health Care Policy, and Aging Research, Institute for](#)
- [Heldrich Center for Workforce Development, John J.](#)
- [Historical Analysis, Rutgers Center for](#)
- [HIV Prevention Community Planning Support and Development Initiative \(EJBSPPP\)](#)
- [Holocaust Resource Center, Herbert and Leonard Littman Families](#)
- [Human Evolutionary Studies \(CHES\), Center for](#)
- [Humanities, Mid-Atlantic Research Center for the \(MARCH\)](#)
- [Hungarian Studies, Institute of](#)

I

- [IEEE History Center](#)
- [Industrial Assessment Center](#)
- [Information Management, Integration, and Connectivity, Center for](#)
- [Innovative Print and Paper, Center for](#)
- [Interdisciplinary Studies in Information Policy and Security](#)
- [Interfacial Molecular Science Laboratory](#)

J

- [Jazz Studies, Institute of](#)
- [Jewish Life, Allen and Joan Bildner Center for the Study of](#)
- [Journalism Resources Institute](#)

L

- [Laboratory of Solid Freeform Fabrication of Advanced Ceramics at Rutgers University](#)
- [Language Institute, Rutgers University](#)
- [Latino Arts and Culture, Center for](#)
- [Learning, Robert B. Davis Institute for](#)
- [Local Democracy Partnership Program](#)

M

- [Management and Entrepreneurship, William G. Rohrer Center for](#)
- [Management Development, Center for](#)
- [Margery Somers Foster Center](#)
- [Marine and Coastal Sciences, Institute for](#)
- [Materials Theory, Center for](#)
- [Mathematical Sciences Research, Center for](#)
- [Mathematics, Science, and Computer Education, Center for](#)
- [Media Studies, Center for](#)
- [Memory Disorders Project](#)
- [Mental Health Services and Criminal Justice Research, Center for](#)
- [MetroMath](#)
- [Metropolitan Studies, Joseph C. Cornwall Center for](#)
- [Microbiology, Waksman Institute of](#)
- [Microelectronics Research Laboratory](#)
- [Minor Crop Pest Management-Technology Center for IR-4 Headquarters](#)
- [Molecular and Behavioral Neuroscience, Center for](#)
- [Molecular Biophysics and Biophysical Chemistry, Center for](#)

N

- [Nanomaterials Research, Center for](#)
- [Nanostructured Materials Research, Laboratory for](#)
- [National Marriage Project](#)
- [National Transit Institute](#)
- [Negotiation and Conflict Resolution, Center for](#)
- [Neighborhood and Brownfields Redevelopment, National Center for](#)
- [Neuroscience, W.M. Keck Center for Collaborative](#)
- [New High Energy Theory Center](#)
- [New Jersey Center for the Book](#)

- [New Jersey Mathematics Coalition](#)
- [Noise Technical Assistance Center, Rutgers](#)
- [Nonprofit and Philanthropic Leadership, Center for](#)
- [Nucleic Acid Database Project](#)
- [Nutraceuticals Institute](#)

O

- [Operations Research, Rutgers Center for](#)
- [Oral History Archives of World War II](#)
- [Organizational Development and Leadership, Center for](#)
- [Osher Lifelong Learning Institute](#)
- [Ozone Research Center](#)

P

- [Paul Robeson Cultural Center](#)
- [Pharmaceutical Management Studies, Blanche & Irwin Lerner Center for](#)
- [Policy Research and Public Service, Forum for](#)
- [Protein Data Bank](#)
- [Prudential Business Ethics Center at Rutgers](#)
- [Public Affairs, Walter Rand Institute for](#)
- [Public Performance, National Center for](#)

R

- [Race & Ethnicity, Center for](#)
- [Regional Small Business Development Center](#)
- [Remote Sensing and Spatial Analysis, Grant F. Walton Center for](#)
- [Research in Financial Services, Whitcomb Center for](#)
- [Research in Regulated Industries, Center for](#)
- [Research on Women, Institute for](#)
- [Rutgers Agricultural Research & Extension Center](#)
- [Rutgers Arts Center](#)
- [Rutgers EcoComplex - Rutgers Environmental Research & Extension](#)
- [Rutgers Plant Science Research & Extension Farm](#)
- [Rutgers Tree Fruit Research & Extension Center](#)

S

- [Small Business Development Center Rutgers-Camden, New Jersey](#)
- [Small Business Development Center Rutgers-Newark, New Jersey](#)
- [Social and Community Development, Center for](#)
- [Special Education Clinic](#)
- [Spinal Cord Injury Project](#)
- [State Constitutional Studies, Center for](#)
- [State Health Policy, Center for](#)
- [Stem Cell Institute of New Jersey](#)
- [Stem Cell Research Center](#)
- [Strategic Urban Community Leadership, Center for](#)
- [Structures in Extreme Environments, Center for](#)
- [Supply Chain Management, Center for](#)
- [Surface Modification, Laboratory for](#)
- [Sustainable State Institute, New Jersey](#)
- [Systems and Control, Rutgers Center for](#)

T

- [Teaching Advancement and Assessment Research, Center for](#)
- [Technical Assistance Program, Rutgers University](#)
- [Technology Campus, Inc., Rutgers-Camden](#)
- [Technology Management Research, Center for Studies in](#)
- [Transportation Center, Alan M. Voorhees](#)
- [Turfgrass Science, Rutgers Center for](#)

U

- [Urban Legal Clinic](#)
- [Urban Policy Research, Center for](#)

■ [Urban Restoration Ecology, Center for](#)

V

■ [Visiometrics and Modeling, Laboratory for](#)

■ [Vision Research, Laboratory of](#)

W

■ [Water Resources Research Institute, New Jersey](#)

■ [Weather Center, Rutgers](#)

■ [Wildlife Damage Control Center](#)

■ [Wireless Information Network Laboratory \(WINLAB\)](#)

■ [Women and Art, Institute for](#)

■ [Women and Work, Center for](#)

■ [Women's Global Leadership, Center for](#)

■ [Women's Leadership, Institute for](#)

■ [Women's Rights Litigation Clinic](#)

■ [Women, Institute for Research on](#)
