

Heinz College of Information Systems and Public Policy

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<http://www.heinz.cmu.edu/>

Students entering graduate programs at Carnegie Mellon University's Heinz College of Information Systems and Public Policy are accomplished, talented and committed to improving the ability of public, non-profit and private organizations to address the most difficult challenges facing society, as well as to strengthen and exploit our cultural resources through skilled leadership and management. Students gain the skills and knowledge necessary to transform that talent and commitment into a successful career and a positive force for change.

Unlike many graduate schools, we are not organized along academic departments. Faculty from our two schools -- the School of Public Policy and Management (<http://www.heinz.cmu.edu/school-of-public-policy-management>) and the School of Information Systems and Management (<http://www.heinz.cmu.edu/school-of-information-systems-and-management>) -- collaborate on instruction and research, an operating model we believe leads to innovation in research and a superior educational experience. Our strengths span the applied disciplines of empirical methods and statistics, economics, information systems and technology, operations research and organizational behavior.

Heinz College is a dynamic community of scholars and practitioners developing fundamental knowledge about and seeking innovative, applied solutions to today's most critical problems of the public, private and non-profit sectors.

Options for Carnegie Mellon Undergraduates

Heinz College does not offer undergraduate degrees. It does offer two study options, however, for students pursuing Carnegie Mellon undergraduate degrees - 1) Accelerated Master's Program (AMP), and 2) undergraduate minor in Health Care Policy and Management (see below).

What kinds of careers do Heinz College graduates pursue?

A Heinz College degree opens doors to a wide range of professional careers in government agencies, nonprofit organizations, consulting firms, arts groups, foundations, private businesses and a host of other organizations. Heinz College graduates can get the kind of interesting, exciting jobs they want, because they have the expertise in policy, management, finance, information systems, and decision-making that employers need.

Heinz College's Ph.D. program in particular prepares qualified students from a variety of academic and professional backgrounds for careers in research, academia, government-related organizations and the private sector, in positions where expertise in advanced research is desired. Graduates of the Ph.D. program work as professors, research scientists, research directors and consultants, across diverse areas of public service and management.

Some of the jobs that have been held by Heinz College graduates include:

- Budget Analyst, Department of Justice
- Program Management Analyst, U.S. Department of Agriculture
- Senior Consultant, Booz Allen Hamilton
- Regional Director, Pennsylvania Department of Community and Economic Development
- Analyst, The World Bank
- Foreign Service Officer, U.S. Department of State
- City Manager, City of Lake Wales
- Administrative Fellow, Johns Hopkins Medicine
- Strategy and Operations Consultant, Deloitte
- Data Scientist, Ford Motor Company
- Senior Analytics Consultant, IBM
- Business Intelligence Engineer, Amazon
- Chief of Visitor Experience, Smithsonian Institution, National Museum of Natural History
- Director of Individual Giving, The Lyric Stage Company of Boston

How is Heinz College different?

Diversity

Heinz College's student body is internationally recognized for its diversity in ethnicity, gender and citizenship. It also is diverse in terms of students' academic backgrounds, which include undergraduate degrees in architecture, biology, business administration, computer science, economics, education, engineering, English, fine arts, government, history, information systems, philosophy, political science, sociology and many other fields.

Practical Experience

Heinz College doesn't just teach skills in the classroom:

- Through the systems synthesis project, students work in teams to analyze and develop solutions for current international, national and local problems and present their findings to the real-world client.
- Students complete a summer internship to practice the skills they've learned in school.

Impact on Society

The expertise of a renowned faculty is transferred to society through the education and research mission of Heinz College, as well as the efforts of its policy and research centers. These include the Arts Management and Technology Laboratory, Traffic21, Living Analytics Research Centre, Initiative for Digital Entertainment Analytics (IDEA), Center for Economic Development, and the Center for the Future of Work. Heinz College students can work on projects initiated in these centers or as research assistants for center faculty.

Global Heinz

With multiple locations around the United States and the world, Heinz College offers students the opportunity to gain a global perspective while pursuing their master's degree.

Since 2006, the Adelaide campus has served as the school's Asia Pacific education base and currently offers two master's level degrees - MSPPM and MSIT.

Heinz College's Washington, D.C. center (established in 2008) connects our public policy students with national and international policy makers and organizations. The goal is to create a dynamic and productive network that benefits our community at large and brings the unique strengths of Carnegie Mellon to positively impact the public interest. The office also serves as classroom space for 2nd year MSPPM students in the program's D.C. track.

The Master of Entertainment Industry Management (MEIM) program trains a new generation of leaders in the entertainment industry. Students spend a year in Pittsburgh followed by a year in Los Angeles exploring how management theories and principles are applied in the film and television industries.

Additional information can be found on our website (<http://www.heinz.cmu.edu/>).

The Faculty

Heinz College faculty members have been recognized nationally and internationally for their accomplishments in research and their contributions to public policy. Their backgrounds are in economics, operations research, information systems and technology, fine arts, sociology, public policy, statistics, organizational management and behavior, finance, statistics, labor relations, and demography among other areas. Please reference the Faculty section for information on many full-time Carnegie Mellon University faculty members who teach and do research at Heinz College. For a more complete, current list, visit the faculty directory (<http://www.heinz.cmu.edu/directories/faculty-directory>).

For further information about Heinz College, contact:
Director of Admissions
Heinz College of Information Systems and Public Policy
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Minor in Health Care Policy and Management

Sponsored by:

Heinz College of Information Systems and Public Policy
 Dietrich College of Humanities and Social Sciences
 Mellon College of Science

Faculty Advisors:

Jason D'Antonio, Mellon College of Science
 James F. Jordan, H. John Heinz III College

The face of health care is changing. The practice of medicine is being fundamentally altered by the forces of change in public policy, health care organizations and in the industry as a whole. The role of individual professionals in this industry is changing as rapidly as the industry itself. Traditional career paths have disappeared overnight to be replaced by new opportunities that require new skills. New organizations are placing new demands on their professional and medical staffs. The criteria of efficiency and financial stability are entering the domains of diagnosis and treatment.

This minor is designed to provide students considering a career in the health professions with an understanding of how these changes are likely to affect their careers. Students will become familiar with the critical policy and management issues and will begin to learn to operate effectively in the emerging health care environment. The curriculum combines economic, organizational, managerial, historical and psychological perspectives on these issues to provide a foundation for a deepened understanding of the changing structure of health care organizations and policy.

Required Courses for HCPM Minor (45 Unit minimum)

A total of 69 units are required to complete this minor. Entry into the minor requires completion of 73-102 Principles of Microeconomics and 88-221 Analytical Foundations of Public Policy or the equivalent by approval.

Required Courses

Students are required to take the following courses.

79-330	Medicine and Society	9
94-705	Health Economics	12
90-836	Health Policy and Management Systems	6

Elective Courses 24 units

Complete a minimum of 24 units.

Heinz College Courses

90-721	Healthcare Management	6
90-818	Health Care Quality & Performance Improvement	6
90-723	Financial Statements and Analysis of Companies	6
90-831	Advanced Financial Management of Health Care	6
94-706	Healthcare Information Systems	12
90-832	Health Law	6

Humanities and Social Sciences Courses (9 units each)

76-494	Healthcare Communications	9
79-318	Sustainable Social Change: History and Practice	9
80-245	Medical Ethics	9
85-241	Social Psychology	9
85-442	Health Psychology	9
85-446	Psychology of Gender	9

Please note that some of these courses have prerequisites that will not count toward the completion of the requirements for this minor.

Five-Year (Accelerated) Master's Programs

Heinz College's Accelerated Master's Program (AMP) allows qualified students to earn a prestigious master's degree in just five years (CMU undergrads can complete their master's degree in just one additional year of study beyond their bachelor's degree).

The following master's degrees provide an AMP and are open to students from all departments at the university:

- Master of Arts Management (MAM)
- Master of Information Systems Management (MISM)
- Master of Science in Health Care Policy and Management (MSHCPM)
- Master of Science in Information Security Policy and Management (MSISPM)
- Master of Science in Public Policy and Management (MSPPM)

In addition to the accelerated master's programs, Heinz offers traditional graduate degree programs (full-time study required):

- Master of Science in Public Policy and Management (MSPPM), with options that include:
 - concentration in Data Analytics (MSPPM-DA)
 - dual degree MSPPM/MBA program with the Tepper School of Business
 - dual degree MSPPM/JD program with the University of Pittsburgh School of Law
 - dual degree MSPPM/MDiv program with the Pittsburgh Theological Seminary
 - one year of study at the main campus in Pittsburgh and one year of study/experiential learning at our location in Washington, DC
 - one year of study at our campus in Australia and one year in Pittsburgh
- Master of Arts Management (MAM), with options that include
 - a dual degree MAM/JD program with the University of Pittsburgh School of Law
 - dual degree MAM/GIOCA that includes one year of study/experiential learning at the University of Bologna, Italy followed by 3 semesters of study at the main CMU campus in Pittsburgh
- Master of Entertainment Industry Management (MEIM)
- Master of Science in Health Care Policy and Management, with the option to pursue:
 - dual degree MSHCPM/MBA program with the Tepper School of Business
 - concentration in Analytics and Information Technology (MSHCA)
- Master of Information Systems Management (MISM), with options that include:
 - concentration in Business Intelligence and Data Analytics (BIDA) track
 - one year of study at our campus in Australia and one year in Pittsburgh
- Master of Science in Information Security Policy and Management (MSISPM)
- Doctor of Philosophy in Public Policy and Management (Ph.D.-PPM)
- Doctor of Philosophy in Information Systems (Ph.D.-ISM)

Heinz offers graduate degree programs for individuals with prior work experience:

- Master of Public Management (MPM)
 - full-time and part-time options available
- Master of Science in Information Technology (MSIT)
 - part-time study with the option to pursue degree via distance learning or on-campus
- Master of Medical Management (MMM)
 - includes distance and limited on-campus study components

Faculty

ALESSANDRO ACQUISTI, Assistant Professor of Information Systems and Public Policy – Ph.D., UC Berkeley; Carnegie Mellon, 2003–

SHAMENA ANWAR, Assistant Professor of Economics and Public Policy – Ph.D., Yale University; Carnegie Mellon, 2007–

LINDA BABCOCK, James M. Walton Professor of Economics – Ph.D., University of Wisconsin at Madison; Carnegie Mellon, 1988–

EDWARD BARR, Associate Teaching Professor – M.S., Indiana University of Pennsylvania; Carnegie Mellon, 2000–

ALFRED BLUMSTEIN, J. Erik Jonsson University Professor of Urban Systems and Operations Research; Director, National Consortium on Violence Research – Ph.D., Cornell University; Carnegie Mellon, 1969–

SILVIA BORZUTSKY, Associate Teaching Professor – Ph.D., University of Pittsburgh; Carnegie Mellon, 2001–

- LEE BRANSTETTER, Associate Professor of Economics – Ph.D., Harvard University; Carnegie Mellon, 2006–
- KATHLEEN CARLEY, Professor of Organizational Sociology – Ph.D., Harvard University; Carnegie Mellon, 2011–
- JONATHAN CAULKINS, Professor of Operations Research and Public Policy; Faculty Chair, Master of Public Policy and Management Program – Ph.D., Massachusetts Institute of Technology; Carnegie Mellon, 1990–
- JACK CHOW, Distinguished Service Professor – M.D., University of California at San Francisco School of Medicine; Carnegie Mellon, 2011–
- KAREN CLAY, Assistant Professor of Economics and Public Policy – Ph.D., Stanford University; Carnegie Mellon, 1997–
- JACQUELINE COHEN, Principal Research Scientist – Ph.D., Carnegie Mellon University; Carnegie Mellon, 1982–
- WESLEY COHEN, (Affiliated) Professor of Economics and Social Sciences – Ph.D., Yale University; Carnegie Mellon, 1982–
- LAURA DABBISH, Assistant Professor of Information Technology and Organizations – Ph.D., Carnegie Mellon University; Carnegie Mellon, 2006–
- GEORGE T. DUNCAN, Professor of Statistics, Emeritus – Ph.D., University of Minnesota; Carnegie Mellon, 2011–
- DENNIS EPPLER, (Affiliated) Thomas Lord Professor of Economics – Ph.D., Princeton University; Carnegie Mellon, 1974–
- JENDAYI E. FRAZER, Distinguished Service Professor – Ph.D., Stanford University; Carnegie Mellon, 2011–
- MARTIN GAYNOR, E.J. Barone Professor of Economics and Health Policy; Faculty Chair, Ph.D. Program – Ph.D., Northwestern University; Carnegie Mellon, 1995–
- WILPEN GORR, Professor of Public Policy and Management Information Systems – Ph.D., Carnegie Mellon University; Carnegie Mellon, 1985–
- ROBERT HAMPSHIRE, Assistant Professor of Operations Research and Public Policy – Ph.D., Princeton University; Carnegie Mellon, 2007–
- JAMES F. JORDAN, Distinguished Service Professor – M.B.A., Boston University; Carnegie Mellon, 2011–
- MARK S. KAMLET, Provost, CMU, and H. John Heinz III Professor of Economics and Public Policy – Ph.D., University of California at Berkeley; Carnegie Mellon, 1978–
- WILLIAM P. KITTREDGE, Associate Teaching Professor – Ph.D., Maxwell School of Public Affairs and Citizenship; Carnegie Mellon, 2011–
- STEVEN KLEPPER, (Affiliated) Professor of Economics and Social Science – Ph.D., Cornell University; Carnegie Mellon, 1980–
- DAVID KRACKHARDT, Professor of Organizations and Public Policy – Ph.D., University of California at Irvine; Carnegie Mellon, 1991–
- RAMAYYA KRISHNAN, William W. and Ruth F. Cooper Professor of Management Science and Information Systems; Faculty Chair, Master of Information Systems Management Program – Ph.D., University of Texas at Austin; Carnegie Mellon, 1987–
- KRISTIN KURLAND, Associate Teaching Professor (joint with School of Architecture) – B.A., University of Pittsburgh; Carnegie Mellon, 1999–
- LESTER LAVE, James Higgins Professor of Economics and Finance, Professor of Urban and Public Affairs, Professor of Engineering and Public Policy – Ph.D., Harvard University; Carnegie Mellon, 1963–
- GORDON LEWIS, Associate Professor of Sociology; Faculty Chair, Master of Public Management Program – Ph.D., Stanford University; Carnegie Mellon, 1969–
- PAMELA LEWIS, Teaching Professor of Professional Speaking – D.A., Carnegie Mellon University; Carnegie Mellon, 1980–
- ARI LIGHTMAN, Practice Professor, Digital Media and Marketing – M.B.A., Carnegie Mellon University; Carnegie Mellon, 2011–
- PETER MADSEN, Senior Lecturer in Ethics and Public Policy – Ph.D., Duquesne University; Carnegie Mellon, 1988–
- DONALD MARINELLI, (Affiliated) Professor of Drama and Arts Management (College of Fine Arts) – Ph.D., University of Pittsburgh; Carnegie Mellon, 1984–
- DAN MARTIN, Director, Master of Arts Management Program, and Associate Professor (College of Fine Arts) – M.F.A., Brooklyn College/City University of New York; Carnegie Mellon, 1993–
- MICHAEL MCCARTHY, Associate Teaching Professor of Information Systems Management – M.S., University of Pittsburgh; Carnegie Mellon, 1999–
- JOE MERTZ, Associate Teaching Professor – Ph.D., Carnegie Mellon; Carnegie Mellon, 1994–
- KARYN MOORE, Assistant Teaching Professor of Information Systems – M.S., Industrial Administration, Carnegie Mellon University; Carnegie Mellon, 2003–
- M. GRANGER MORGAN, Lord Chair Professor of Engineering and Public Policy, and Head, Department of Engineering and Public Policy – Ph.D., University of California at San Diego; Carnegie Mellon, 1974–
- DANIEL NAGIN, Theresa and H. John Heinz III Professor of Public Policy, and Research Director, National Consortium on Violence Research – Ph.D., Carnegie Mellon University; Carnegie Mellon, 1979–
- DANIEL NEILL, Assistant Professor of Information Systems – M.S., University of Pittsburgh; Carnegie Mellon, 2007–
- ERIC NYBERG, Assistant Professor of Computer Science and Public Policy (joint with School of Computer Science) – Ph.D., Carnegie Mellon University; Carnegie Mellon, 1986–
- REMA PADMAN, Professor of Operations Research and Information Management; Faculty Chair, Master of Science in Health Care Policy and Management Program – Ph.D., University of Texas at Austin; Carnegie Mellon, 1989–
- LYNNE PASTOR, Visiting Associate Teaching Professor – M.S., Industrial Administration, Carnegie Mellon University; Carnegie Mellon, 2007–
- SETH RICHARDS-SHUBIK, Assistant Professor of Economics and Public Policy – Ph.D., University of Pennsylvania; Carnegie Mellon, 2011–
- STEPHEN ROEHRIG, Associate Professor of Information Systems and Public Policy – Ph.D., University of Pennsylvania Wharton School; Carnegie Mellon, 1991–
- DENISE ROUSSEAU, H. J. Heinz II Professor of Organizational Behavior (joint with Graduate School of Industrial Administration) – Ph.D., University of California at Berkeley; Carnegie Mellon, 1994–
- KIRON SKINNER, (Courtesy) Assistant Professor of History and Political Science – Ph.D., Harvard University; Carnegie Mellon, 1999–
- DONALD SMITH, Professor of Practice; University Director for Economic Development – Ph.D., Carnegie Mellon University; Carnegie Mellon, 1995–
- KATHLEEN SMITH, Associate Teaching Professor – Ph.D., candidate, University of Pittsburgh; Carnegie Mellon, 1991–
- MICHAEL SMITH, Assistant Professor of Information Technology – Ph.D., Alfred P. Sloan School of the Massachusetts Institute of Technology; Carnegie Mellon, 2000–
- RICHARD STAFFORD, Distinguished Service Professor – M.S., Public Policy and Management, Carnegie Mellon University; Carnegie Mellon, 2005–
- SHELBY STEWMAN, Professor of Sociology and Demography – Ph.D., Michigan State University; Carnegie Mellon, 1973–
- ROBERT STRAUSS, Professor of Economics and Public Policy; Faculty Chair, Master of Science in Educational Technology Management Program – Ph.D., University of Wisconsin; Carnegie Mellon, 1979–
- LAURA SYNNOTT, Associate Teaching Professor, Healthcare Policy and Management – M.S., Health Services Administration, University of Michigan; Carnegie Mellon, 2004–
- JANUSZ SZCZYPULA, Associate Teaching Professor in Information Systems – Ph.D., Carnegie Mellon University; Carnegie Mellon, 2000–
- JOEL TARR, Richard S. Caliguiri Professor of Urban and Environmental History and Policy – Ph.D., Northwestern University; Carnegie Mellon, 1967–
- LOWELL TAYLOR, Professor of Economics and Public Policy; Associate Dean of Faculty – Ph.D., University of Michigan; Carnegie Mellon, 1990–
- RAHUL TELANG, Assistant Professor of Information Systems – Ph.D., Carnegie Mellon; Carnegie Mellon, 2001–
- MARK WESSEL, Dean University of Wisconsin; Carnegie Mellon, 1992–
- TIM ZAK, Associate Teaching Professor – M.B.A., New York University; Carnegie Mellon, 2011–