

# **History, Mission, and Organization**

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## University Vision, Mission, and Values

### Vision

Carnegie Mellon will meet the changing needs of society by building on its traditions of innovation, problem solving, and interdisciplinarity.

### Mission

To create and disseminate knowledge and art through research and creative inquiry, teaching, and learning, and to transfer our intellectual and artistic product to enhance society in meaningful and sustainable ways.

To serve our students by teaching them problem solving, leadership and teamwork skills, and the value of a commitment to quality, ethical behavior, and respect for others.

To achieve these ends by pursuing the advantages of a diverse and relatively small university community, open to the exchange of ideas, where discovery, creativity, and personal and professional development can flourish.

### Values

**Dedication**, as exemplified by our commitment to the critical issues of society and our uncompromising work ethic.

**Collaboration**, as exemplified by our interdisciplinarity, our external partnerships, and our capacity to create new fields of inquiry.

**Measuring excellence by impact**, as exemplified by our focus on issues critical to regional development, national interest, and global welfare.

**Entrepreneurship**, as exemplified by openness to new ideas, prudent use of resources, and readiness to act.

**Depth driving breadth**, as exemplified by our issue-driven research, our context-based general education initiatives, and our focus on problem solving and creative production at all levels.

**Compassion**, as exemplified by our focus on human welfare, on the betterment of society, and on the personal development of the members of our community.

**Integrity and inclusion**, as exemplified by our attention to the highest ethical standards in all domains, and our commitment to being a community which welcomes talented minds from diverse backgrounds and challenges them individually and collectively to achieve their best.

## Carnegie Mellon University History

### Introduction

The story of Carnegie Mellon University is unique and remarkable. After its founding in 1900 as the Carnegie Technical Schools, serving workers and young men and women of the Pittsburgh area, it became the degree-granting Carnegie Institute of Technology in 1912. “Carnegie Tech,” as it was known, merged with the Mellon Institute to become Carnegie Mellon University in 1967. Carnegie Mellon has since soared to national and international leadership in higher education—and it continues to be known for solving real-world problems, interdisciplinary collaboration, and innovation.

The story of the university’s famous founder—**Andrew Carnegie**—is also remarkable. A self-described “working-boy” with an “intense longing” for books, Andrew Carnegie emigrated from Scotland with his family in 1848 and settled in Pittsburgh, Pennsylvania. He became a self-educated entrepreneur, whose Carnegie Steel Company grew to be the world’s largest producer of steel by the end of the nineteenth century.

On November 15, 1900, Andrew Carnegie formally announced: “For many years I have nursed the pleasing thought that I might be the fortunate giver of a Technical Institute to our City, fashioned upon the best models, for I know of no institution which Pittsburgh, as an industrial centre, so much needs.” He concluded with the words “My heart is in the work,” which would become the university’s official motto.

The Mellon family of Pittsburgh and its foundations later became strong and visionary supporters of Carnegie Tech and Carnegie Mellon. Thousands of faculty and staff, students and alumni, corporations, foundations, and friends have joined this great educational venture. Carnegie Mellon would not be Carnegie Mellon without their vision, service, and commitment.

### Presidential Administrations

Arthur A. Hamerschlag, 1903-1922  
Thomas S. Baker, 1922-1935  
Robert E. Doherty, 1936-1950  
John C. Warner, 1950-1965  
H. Guyford Stever, 1965-1972

Richard M. Cyert, 1972-1990  
Robert Mehrabian, 1990-1997  
Jared L. Cohon, 1997-2013  
Subra Suresh 2013-

Andrew Carnegie chose **Arthur Hamerschlag** to head the Carnegie Technical Schools because of his fine reputation in trade schools in New York. Mr. Hamerschlag supervised the construction of buildings designed by architect Henry Hornbostel. He administered the original schools: the School of Science and Technology, the School of Fine and Applied Arts, the School for Apprentices and Journeymen, and the Margaret Morrison Carnegie School for Women, which was named for Andrew Carnegie’s mother.

President Hamerschlag led the school to bachelor’s degree status and a new name, the Carnegie Institute of Technology, in 1912. Carnegie Tech’s first master’s degrees (in architecture and physics) were granted in 1914, and its first doctoral degree (in engineering) was completed at the end of 1919 and conferred in June 1920. Tech granted the first undergraduate degree in drama in the United States in 1917. Carnegie Mellon’s research tradition also began under President Hamerschlag, with the founding in 1916 of the Division of Applied Psychology.

At the beginning of **Thomas Baker**’s administration, it was finally possible for a landscape architect to replace the mud of constant construction with lawns and trees. An open-air theater and stone shelter for streetcar commuters were built, and the class of 1923 erected the Senior Fence. Night school enrollment continued to rise because of the president’s outreach to local companies.

President Baker was a strong advocate of research in pure and applied science, supporting the establishment of research laboratories for metals, coal, chemistry, and physics, and organizing three international conferences on bituminous coal. With a background in university and preparatory school teaching, Baker emphasized the importance of instruction in English throughout the curriculum.

**Robert Doherty**, an electrical engineer with a corporate background, also believed in the need for a broader education for engineers. President Doherty developed a new kind of education, which started a revolution at Carnegie Tech and across the nation. It became known as “liberal/professional education” and as “the Carnegie Plan” for its origin at Carnegie Tech. Under the Carnegie Plan, students were taught to think independently and to become problem solvers in their science and engineering courses; one-fourth of their courses were required to be in the humanities and social sciences and these courses also emphasized problem solving.

Research and a commitment to the development of the local region were major emphases of President Doherty. Government-funded research grew out of World War II, including the Nuclear Research Center, which Tech operated until 1969. President Doherty was a driving force in the Pittsburgh Renaissance and joined Richard King Mellon's initiative to form the Allegheny Conference on Community Development in 1943, serving as its first chairman.

William Larimer Mellon, then chairman of Gulf Oil, offered President Doherty an endowment to found a business school to provide interdisciplinary education, which Mr. Mellon believed was needed by managers in local corporations and not available elsewhere. His foundation endowed the Graduate School of Industrial Administration (GSIA), which opened in 1949 and was named the Tepper School of Business in 2004.

**John Warner**, a Carnegie Tech chemistry professor and dean of graduate studies, became president in 1950 and led the school during its mid-century "golden period." Hunt Library, the Scaife Hall of Engineering, and the GSIA building were constructed. The industrial administration programs grew rapidly, fostering research and adding undergraduate business, doctoral, and executive education programs to the master's degree program.

Before computer science had a name, GSIA professor Herbert Simon and doctoral student (and later Carnegie Tech professor) Allen Newell "created a thinking machine" in December 1955. During several preceding years, Carnegie Tech had been discussing the possibility of a program in this new field, and in 1956, GSIA and the psychology, electrical engineering, and mathematics departments established the Computation Center. In 1958, the center began offering the first programming course in the nation for freshmen, and it was immediately popular.

Computing became part of both research and coursework throughout Carnegie Tech during the Warner years. By 1965, Tech was rated with MIT and Stanford as having the best computing programs.

The administration of President **Guyford Stever**, a scientist and former MIT administrator, brought major changes for Tech, including further development of computer science. Building on a decade of computing research and teaching, and generously funded by Richard King Mellon and Constance Mellon, the Department of Computer Science was formally created in 1965 to offer a Ph.D. program.

The year 1967 was transformative in the university's history: Carnegie Mellon University was created by the merger of Carnegie Institute of Technology and the Mellon Institute, the nation's first major research institute. Founded in 1913 in Pittsburgh by Andrew W. and Richard B. Mellon, the Mellon Institute in the 1960s focused on both basic and applied research.

The School for Urban and Public Affairs opened in 1968 (and was re-named the H. John Heinz III College in 2008). Also funded by Richard King and Constance Mellon, the school grew out of the couple's interest in addressing the problems of cities.

In 1969, the forerunner of the College of Humanities and Social Sciences opened as a coeducational, liberal arts college. Later that year, the decision to phase out the women's college, Margaret Morrison Carnegie College, was made and the last class graduated in 1973. In 1970, the College of Engineering and Science was divided into the Carnegie Institute of Technology (engineering) and the Mellon College of Science.

President **Richard Cyert's** vision for Carnegie Mellon would catapult the university to remarkable growth in strategic research areas as well as in national reputation. An economist, behavioral scientist, and former dean of GSIA, President Cyert initiated strategic planning and the concept of focusing on fields in which the university's strengths would give it a comparative advantage among universities.

In 1988, the Computer Science Department, in the Mellon College of Science, became the School of Computer Science. With Dr. Cyert's leadership, the Robotics Institute, Software Engineering Institute, and Pittsburgh Supercomputing Center were established.

Cyert believed that another innovation, the "Andrew" computing network, would be "perhaps the most significant development in higher education in the twentieth century." The Andrew network, developed at the university and named after Andrew Carnegie and Andrew Mellon, linked all the thousands of computers on campus to make Carnegie Mellon the first university to have a wired campus network.

President **Robert Mehrabian**, an internationally recognized materials scientist, led a university-wide strategic planning process and focused Carnegie Mellon on revitalizing undergraduate education. A vice provost for education was named to focus on undergraduate education and student life, curricula were revised, and the Undergraduate Research Initiative was established and is now a hallmark of a Carnegie Mellon education. These initiatives in undergraduate education were later recognized by the Higher Education Research Institute.

During Mehrabian's presidency, the "Wireless Andrew" system was developed in the mid-1990s, building on the university's wired network infrastructure and giving students, faculty, and staff increased freedom to learn and connect anywhere on campus. The University Center was constructed as part of President Mehrabian's major building program and continues to provide fitness, dining, and meeting facilities, a career center, post office, interdenominational chapel, bookstore, and art and computer stores.

Mehrabian also was prominent in the economic development of the Pittsburgh region and was an effective advocate for the role Carnegie Mellon played in the city's economic resurgence. He defined new relationships for the university with many business and community partners. He also stimulated the university's technology transfer operation, laying the groundwork for Carnegie Mellon's successful technology commercialization efforts.

During President **Jared L. Cohon's** administration, Carnegie Mellon became a global university, establishing campuses in Silicon Valley, CA, and Doha, Qatar, and degree-granting programs in Africa, Asia, Australia, Europe, and Latin America. In 2011, the World Economic Forum (WEF) invited Carnegie Mellon to become one of only 25 universities to join its Global University Leaders Forum (GULF).

Cohon guided Carnegie Mellon forward in research and education, community and regional success, and financial strength. Student performance and satisfaction continued to rise and the number of graduate programs increased greatly during Cohon's tenure. Sponsored research nearly tripled as the university expanded efforts in the life sciences, information technology, computer science, the environment, physics, entertainment technology, and energy. In 2012, Carnegie Mellon launched the Wilton E. Scott Institute for Energy Innovation.

In 2011, the university received the largest gift in its history – and one of the 10 largest by an individual to a private higher education institution in the U.S. – when trustee William S. Dietrich II announced a \$265 million gift. In recognition of the gift, the university's College of Humanities and Social Sciences was named the Marianna Brown Dietrich College of Humanities and Social Sciences in memory of Dietrich's mother. On June 30, 2013, the university successfully closed its Inspire Innovation campaign, exceeding its goals of enhancing alumni engagement, increasing global visibility, and raising \$1 billion.

New facilities completed during Cohon's presidency included the Purnell Center for the Arts, Stever House — the nation's first "green" residence hall — the Gates Center for Computer Science, and the Hillman Center for Future-Generation Technologies.

Under Cohon, Carnegie Mellon became recognized as one of the fastest growing entrepreneurial institutions, ranking first among U.S. universities without a medical school in the number of startup companies created per research dollar spent since 2007. During his tenure, Carnegie Mellon created more than 300 companies and 9,000 jobs in the Pittsburgh region.

Carnegie Mellon's current president, **Subra Suresh**, came to Carnegie Mellon in 2013. He had been director of the U.S. National Science Foundation (NSF), a \$7-billion independent federal research-funding agency. While at NSF, Suresh helped to found the Global Research Council, a coordinating group for research-funding agencies around the world.

Before joining NSF, Suresh served as the dean of the School of Engineering and the Vannevar Bush Professor of Engineering at the Massachusetts Institute of Technology. A distinguished materials scientist, he is widely acclaimed for path-breaking experimental and modeling work on the mechanical properties of structural and functional materials, innovations in materials design and characterization, and discoveries of possible connections between cellular nanomechanical processes and human disease states. This work has shaped new fields at the intersections of traditional disciplines. He is one of only 16 living Americans and the only university president to be elected to all three U.S. National Academies — the National Academy of Engineering, the National Academy of Sciences and the Institute of Medicine.

In November 2013, Suresh launched Carnegie Mellon's Simon Initiative to bring together university and global leaders in a discussion of how technology could be fully utilized to enhance learning outcomes for students around the world. As part of this initiative, more than a dozen thought leaders representing academia, industry and non-profits have been assembled to create the Global Learning Council (GLC). The goal of the GLC is to serve as a best-practices resource for individuals, institutions and organizations seeking to deploy technology-enhanced learning approaches to improve learning outcomes for all.

Also in November 2013, Suresh announced plans to create the Tepper Quadrangle, a new academic hub on the Pittsburgh campus that will bring together entrepreneurial and technology-enhanced learning initiatives from colleges and schools across the university. The Tepper Quad will include a new home for the business school and the largest auditorium on the Pittsburgh campus. As of July 2014, the project has received gift commitments of about \$100 million, including the founding gift of \$67 million by alumnus David A. Tepper.

Suresh spoke at the World Economic Forum's 2014 Annual Meeting on the topic of learning, and as part of a panel about the global science outlook. He continues to be involved with the Forum on behalf of the university.

## **Carnegie Mellon Colleges, Branch Campuses, and Institute**

**Carnegie Institute of Technology (CIT)** is internationally recognized as a leader in education and research. Industry and academia value the school's graduates for their in-depth technical knowledge and innovative spirit. The faculty continually push the boundaries of engineering research. Housed within the college are seven departments: Biomedical Engineering, Chemical Engineering, Civil and Environmental Engineering, Electrical and Computer Engineering, Engineering and Public Policy, Materials Science and Engineering, and Mechanical Engineering, as well as the following institutes and programs: the Information Networking Institute, the Institute for Complex Engineered Systems, Sun Yat-sen and Carnegie Mellon Joint Institute of Engineering, CyLab, and Carnegie Mellon University in Rwanda. The college is home to more than 25 major research centers that enable interdisciplinary research and allow the college to tackle the complex technical problems facing society. By collaborating with industry and government entities, the college makes important technological breakthroughs and transfers them to society.

Dean: James H. Garrett Jr.

[www.cit.cmu.edu](http://www.cit.cmu.edu)

**College of Fine Arts (CFA)**, founded in 1905, was the first comprehensive arts learning institution in the United States. Today, the college is a federation of schools with professional training programs in the visual and performing arts (Architecture, Art, Design, Drama, and Music) in which intensive training and the university setting enrich practice. The college shares numerous research projects, interdisciplinary centers and educational programs with other units across the university. In addition to undergraduate and graduate programs in each of the five schools, the college offers interdisciplinary bachelor's degrees integrating studies in fine arts with work in the humanities, sciences, or computer science.

Dean: Dan J. Martin

[www.cfa.cmu.edu](http://www.cfa.cmu.edu)

**H. John Heinz III College at Carnegie Mellon University (HC)** has gained international recognition for addressing complex problems in domains that span information systems, management, and public policy. As rapid change in technology continues to affect how organizations function, Heinz College provides students with the skills needed to transform both public and private organizations. The college consists of two schools, the School of Information Systems and Management and the School of Public Policy and Management; however, Heinz College integrates faculty across schools to collaborate beyond their own disciplines. Students and faculty focus on addressing relevant global problems, and this is supported by requirements for internships and apprenticeships along with the capstone project delivered for real organizations. Programs are also offered in Adelaide, Australia; Los Angeles, California; and Washington, DC. Heinz College offers master's degrees in public policy and management, healthcare policy and medical management, arts and entertainment industry management, information systems management, information security policy and management, information technology, and biotechnology management, and also confers doctoral degrees and a range of executive programs.

Dean: Ramayya Krishnan

[www.heinz.cmu.edu](http://www.heinz.cmu.edu)

**Marianna Brown Dietrich College of Humanities and Social Sciences (DC)** has achieved international prominence with its distinctive departments, characterized by outstanding research and teaching faculty, as well as interdisciplinary courses and programs with an increasingly international dimension. The college includes seven departments, each with its own unique focus in research, teaching, and professional leadership. Specialty areas include: cognitive science and health psychology (Psychology); second language acquisition (Modern Languages); logic and computation (Philosophy); Bayesian statistics (Statistics); social and cultural history, global studies, and policy-related history (History); behavioral decision-making, policy and management, and international relations and politics (Social and Decision Sciences); and rhetoric, literary studies, and creative, professional, and technical writing (English). Among its undergraduate degree and major options, the college offers programs in economics (with the Tepper School of Business) and an internationally recognized undergraduate degree in information systems (IS) for students interested in understanding and solving information-related problems in complex organizational settings. Additional interdepartmental program options include ethics, history and public policy, environmental studies, and linguistics. The college also administers the Center for the Neural Basis of Cognition (CNBC) jointly with the University of Pittsburgh. The CNBC, a cognitive neuroscience research center, offers a Ph.D. degree in Neural Computation.

Dean: Richard Scheines

[www.hss.cmu.edu](http://www.hss.cmu.edu)



**Mellon College of Science (MCS)** is a dynamic and collaborative college that is home to four departments: Biological Sciences, Chemistry, Mathematical Sciences, and Physics, and many research centers. MCS researchers are leaders in diverse scientific fields including biological physics, biosensor development, computational biology, cosmology, green chemistry, mathematical finance, nanotechnology, neuroscience, nucleic acid research, and polymer science. MCS undergraduates discover new science as integral parts of faculty research teams. Innovations developed by MCS faculty and alumni have formed the basis for numerous patents and spin-off companies, which, for example, impact plastics manufacturing, the environment, and human health.

Dean: Frederick J. Gilman  
[www.cmu.edu/mcs](http://www.cmu.edu/mcs)

**School of Computer Science (SCS)** faculty and graduates have advanced the field of computer science for more than 50 years. The school includes the departments of Computer Science and Machine Learning, as well as the Human-Computer Interaction Institute, the Institute for Software Research, the Language Technologies Institute, the Robotics Institute, and the Lane Center for Computational Biology. The school offers a range of undergraduate and master's degrees, as well as a large doctoral program. SCS's diverse interdisciplinary research and education extend into areas beyond the traditional boundaries of computer science. An example is the Entertainment Technology Center, a joint initiative of the School of Computer Science and the College of Fine Arts that brings together technologists and artists in close collaboration.

Dean: Andrew W. Moore  
[www.cs.cmu.edu](http://www.cs.cmu.edu)

**Tepper School of Business (TSB)** curriculum embraces both rigor and breadth. The rigor is reflected in the strong emphasis placed on the development of quantitative and analytical problem-solving skills. The Tepper School requires among the most extensive and diverse set of quantitative courses within undergraduate curriculum models. The Tepper School's approach to decision-making involves students in projects, case competitions, research, and leadership experiences in which they master skills to solve relevant management problems and gain confidence in their abilities to lead within dynamic, complex business situations. The breadth of the curriculum is found in the required courses that give context and skill building to business studies. This range of academic options is strengthened with career track specialties which are available to assist students in gaining exposure to industry and functional areas of study. Broadening and strengthening the academic experience provides students with greater opportunities for careers, graduate study, and leadership in the global business environment of today. In addition to its highly ranked undergraduate program in business administration, the school offers undergraduate degree programs in economics in conjunction with the Dietrich College. The school's MBA, Master's in Computational Finance, and Ph.D. programs are considered among the most prestigious programs nationwide. The Tepper School of Business has produced nine Nobel Prize winners in Economics: Herbert A. Simon (1978), Franco Modigliani (1985), Merton H. Miller (1990), Robert E. Lucas, Jr. (1995), Finn E. Kydland (2004), Edward C. Prescott (2004), Oliver E. Williamson (2009), Dale T. Mortensen (2010), and Lars Peter Hansen (2013).

Dean: Robert M. Dammon  
[www.tepper.cmu.edu](http://www.tepper.cmu.edu)

## **Carnegie Mellon Qatar**

**Carnegie Mellon's Qatar campus** began offering classes in fall 2004 and now offers bachelor of science degrees in biological sciences, business administration, computational biology, computer science, and information systems, adhering to the same standards and curriculum as the Pittsburgh campus. Enrollment has grown from 41 students in the inaugural class to a total of 427 students in fall 2014. Seven classes have graduated from Carnegie Mellon University in Qatar. Carnegie Mellon Qatar is a member of Qatar Foundation for Education, Science, and Community Development, which was established by His Highness Sheikh Hamad Bin Khalifa Al-Thani in 1995, and is chaired by Her Highness Sheikha Moza Bint Nasser. Qatar Foundation created Education City – a campus which includes Carnegie Mellon University in Qatar, Virginia Commonwealth University, Texas A&M University, Weill Cornell Medical College, Georgetown University's School of Foreign Service, and Northwestern University along with other educational centers and institutions. The State of Qatar is located in the Middle East, surrounded on three sides by the Arabian Gulf and bordered by Saudi Arabia in the southwest.

Dean: Ilker Baybars  
[www.qatar.cmu.edu](http://www.qatar.cmu.edu)

## **Carnegie Mellon Silicon Valley**

**Carnegie Mellon's Silicon Valley (Silicon Valley) campus** was founded in 2002. Long known for its leadership in engineering and computer science research and education, Carnegie Mellon and the College of Engineering have established a natural extension in Mountain View, one that integrates the rich heritage and resources of the Pittsburgh campus with the opportunities available in the highly innovative and entrepreneurial Silicon Valley. Carnegie Mellon Silicon Valley is dedicated to educating its students to become leaders in global technology innovation and management and to performing innovative research that connects it to local, national, and global high-tech companies. The campus offers part-time and full-time master's programs in electrical and computer engineering, software engineering, software management, and information technology; and a Ph.D. in electrical and computer engineering. Each program provides the appropriate mix of technical, business, and organizational skills critical to our students' success.

Dean: James H. Garrett Jr.

[www.cmu.edu/silicon-valley](http://www.cmu.edu/silicon-valley)

## **Software Engineering Institute**

**The Software Engineering Institute (SEI)**, founded in 1984 and operated as a college-level unit of Carnegie Mellon University, is a federally funded research and development center (FFRDC) sponsored by the U.S. Department of Defense (DoD). The SEI's major areas of research are in software engineering, software assurance, and cybersecurity. The SEI catalyzes and extends government, academic, and industry efforts to create affordable, trustworthy, effective, and sustainable software systems with acceptable levels of verifiable assurance. Moreover, the SEI uses its expertise to maintain and expand a toolbox of techniques for critical, emerging, and pervasive challenges confronting DoD- and government-engineered systems.

Director: Paul D. Nielsen

[www.sei.cmu.edu](http://www.sei.cmu.edu)

**Research Centers and Institutes  
Fall Semester 2014**

Traffic21 Institute  
Integrated Innovation Institute  
Center for the Arts in Society (CAS)  
Arts Management and Technology Laboratory (AMTLab)  
Center for Building Performance and Diagnostics (CBPD)  
Center for Iranian Music  
Remaking Cities Institute (RCI)  
STUDIO for Creative Inquiry (SfCI)  
Living Analytics Research Centre (LARC)  
CyLab  
Center for the Future of Work (CFW)  
University Transportation Center (UTC)  
Center for Atmospheric Particle Studies (CAPS)  
Center for Nano-enabled Device and Energy Technologies (CNXT)  
Center for Bioimage Informatics (CBI)  
Carnegie Mellon Electricity Industry Center (CEIC)  
Green Design Institute  
Steinbrenner Institute for Environmental Education and Research (SEER)  
Mobility Research Center  
Bone Tissue Engineering Center (BTEC)  
Center for Advanced Process Decision-Making (CAPD)  
Center for Circuits and System Solutions (C2S2)  
Center for Climate and Energy Decision Making (CEDM)  
Center for Complex Fluids Engineering (CCFE)  
Center for Environmental Implications of Nanotechnology (CEINT)  
Center for Implantable Medical Microsystems (CIMM)  
Center for Iron and Steelmaking Research (CISR)  
Center for Multiscale Modeling for Engineering Materials (CM2EM)  
Center for Product Strategy and Innovation  
Center for Sensed Critical Infrastructure Research (CenSCIR)  
Center for Silicon System Implementation (CSSI)  
Center for the Study and Improvement of Regulation (CSIR)  
Center for Water Quality in Urban Environmental Systems (WaterQUEST)  
Darpa Center for Memory Intensive Self-Configuring Integrated Circuits (MISCIC)  
Data Storage Systems Center (DSSC)  
General Motors Collaborative Laboratory at Carnegie Mellon  
Government/University/Industry(GUIdE) Consortium on the Forced Response of Bladed Disks  
Information Communication Technologies Institute (ICTI)  
Institute for Complex Engineered Systems (ICES)  
NETL-Regional University Alliance (NETL-RUA)  
Pennsylvania Smart Infrastructure Incubator (PSII)  
Western Pennsylvania Brownfields Center

College Affiliation									
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Wilton E. Scott Institute for Energy Innovation  
 Center for Human Rights Science  
 Center for Behavioral Decision Research (CBDR)  
 iLab  
 Center for the Neural Basis of Cognition (CNBC)  
 Pittsburgh Science of Learning Center (PSLC)  
 Center for Africanamerican Urban Studies and the Economy (CAUSE)  
 Center for Ethics and Policy (CEP)  
 Center for Formal Epistemology (CFE)  
 Center for History and Policy  
 Center for International Relations and Politics  
 Center for Risk Perception and Communication  
 Children's School  
 Dynamic Decision Making Laboratory  
 Humanism Initiative  
 Humanities Center  
 Laboratory for Empirical Approaches to Philosophy (LEAP)  
 Laboratory for Symbolic and Educational Computing (LSEC)  
 Modern Language Resource Center (MLRC)  
 Scientific Imaging and Brain Research Center (SIBR)  
 Center for Economic Development (CED)  
 Initiative for Digital Entertainment Analytics (IDEA)  
 Institute for Social Innovation (ISI)  
 Program of Research and Outreach on Gender Equity in Society (PROGRESS)  
 Molecular Biosensor and Imaging Center (MBIC)  
 Pittsburgh Supercomputing Center (PSC)  
 McWilliams Center for Cosmology  
 Center for Computational Finance  
 Center for Macromolecular Engineering (CME)  
 Center for Membrane Biology and Biophysics  
 Center for Molecular Analysis  
 Center for Nonlinear Analysis (CNA)  
 Center for Nucleic Acids Science and Technology (CNAST)  
 Institute for Green Science  
 Pittsburgh NMR Center for Biomedical Research  
 Center for Innovation and Entrepreneurship  
 Aladdin Center for Algorithm Adaptation Dissemination and Integration (Aladdin)  
 CASOS Center for Computational Social and Organizational Science  
 Center for Computational Thinking  
 Center for Integrated Manufacturing Decision Systems (CIMDS)  
 Center for the Foundations of Robotics  
 Center on Architecting Socio-Technical Ecosystems (COASTE)  
 Field Robotics Center (FRC)  
 Medical Robotics Technology Center (MRTC)  
 National Robotics Engineering Center (NREC)

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NSF Industry/University Cooperative Research Center				SCS		
Parallel Data Lab				SCS		
Pittsburgh Advanced Cognitive Tutor (PACT) Center				SCS		
Quality of Life Technology (QoLT) Center				SCS		
Ray and Stephanie Lane Center for Computational Biology				SCS		
Specification and Verification Center				SCS		
Vision and Autonomous System Center (VASC)				SCS		
Accelerate Leadership Center					TSB	
Carnegie Bosch Institute for Applied Studies in International Management (CBI)					TSB	
Center for Marketing Technology and Information					TSB	
Center for Organizational Learning, Innovation, and Knowledge					TSB	
Donald H. Jones Center for Entrepreneurship					TSB	
PNC Center for Financial Services Innovation					TSB	
ASTM Test Monitoring Center						PROVOST
Center for International Politics and Innovation (CIPI)						PROVOST
Entertainment Technology Center (ETC)						PROVOST
Hunt Institute for Botanical Documentation						PROVOST
CERT Division, Cyber Security Foundations						SEI
CERT Division, Cyber Security Solutions						SEI
CERT Division, Cyber Threat and Vulnerability Analysis						SEI
CERT Division, CERT/CC						SEI
Emerging Technology Center (SEI ETC)						SEI
Software Solutions Division, Client Technical Solutions						SEI
Software Solutions Division, Critical Systems Capabilities						SEI
Software Solutions Division, Software Engineering and Acquisitions Practices						SEI
Carnegie Mellon Innovations Laboratory (CMIL)						SV
Center for Open Source Investigation (COSI)						SV
Center for Software and Systems Engineering						SV
CUDA Research Center						SV
Disaster Management Initiative						SV
Emergency Operations Center Lab						SV
Intelligent and High Performing Systems Lab						SV
International Center for Advanced Communication Technologies (InterACT)						SV
SmartSpaces Lab						SV
Solar Controls and Diagnostics Lab (SCDL)						SV

**Accreditations by College and Department  
Fall Semester 2014**

<u>College/Department</u>	<u>Accreditation Agency</u>	<u>Year of Last Accreditation</u>
<b>Carnegie Mellon University</b>	Middle States Commission on Higher Education (MSCHE)	2008
<b>Carnegie Institute of Technology</b>	Accreditation Board for Engineering Technology (ABET)	2012
<b>College of Fine Arts</b>		
Architecture	National Architectural Accrediting Board (NAAB)	2012
Music	National Association of Schools of Music (NASM)	2012
<b>H. John Heinz III College</b>		
School of Public Policy and Management	Network of Schools of Public Policy, Affairs, and Administration (NASPAA)	2013
<b>Tepper School of Business</b>	Association to Advance Collegiate Schools of Business International (AACSB)	2014

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