

NATIONAL TELEHEALTH CONTACTS,  
UNIVERSITIES RESEARCHING  
HOME SENSOR NETWORKING

CONTACTS

**American Telemedicine Association (ATA).** Industry advocate, resource, clearinghouse promoting access to medical care via telecommunications for consumers and health professionals. Promotes public policy reform, research and education, including sponsoring the "Telemedicine and e-Health Journal."  
[www.americantelemed.org](http://www.americantelemed.org)

**Association of Telehealth Service Providers.** International membership organization promoting health care improvement through growth of the telehealth industry. [www.atsp.org](http://www.atsp.org)

**California Telemedicine and eHealth Center (CTEC).** One of the five regional Telehealth Resource Centers funded by the federal Office for the Advancement of Telehealth. Promotes advancing telehealth's use in the state.  
[www.cteonline.org](http://www.cteonline.org)

**Center for Aging Services Technology (CAST).** Initiative of the American Association of Homes and Services for the Aging directed at promoting research, practice and policy advocacy advancing use of technology to enhance the aging experience. [www.agingtech.org](http://www.agingtech.org)

**Center for Connected Health - division of Partners Healthcare** (Boston-area integrated healthcare system). Promotes use of technology to deliver quality care outside of hospitals, clinics, doctors' offices. Linked to physicians at Harvard Medical School-affiliated teaching hospitals. Develops initiatives in telehealth, remote care, disease/lifestyle management. Collaborates with Center for Integration of Medicine and Innovative Technology. [www.connected-health.org](http://www.connected-health.org)

**Center for Integration of Medicine and Innovative Technology (CIMIT).** Nonprofit consortium of Boston-area teaching hospitals and engineering schools. Mission is to provide resources for exploring, developing, and implementing novel technologic solutions for major healthcare problems. [www.cimit.org](http://www.cimit.org)

**Center for Telehealth and e-Health Law.** Industry resource created by a multi-agency partnership to overcome legal and regulatory barriers inhibiting use of telehealth and related e-health services. Is the National Telehealth Resource Center for the U.S. Health Resources and Services Administration, an agency of the U.S. Dept. of Health and Human Services. Oversees assistance for a collaborative of five U.S. regional telehealth resource centers.  
[www.telehealthlawcenter.org](http://www.telehealthlawcenter.org)

**Continua Alliance.** Coalition of U.S. and international technology, medical device and health care companies. Working to promote “connected digital personal health” and guide the industry’s expansion by: developing guidelines so manufacturers’ products readily interconnect/operate; choosing common technology platforms to encourage interconnection; establishing a process certifying for consumers that products have this capacity and designing a single logo for marketing; working with government regulators to resolve reimbursement and performance issues. [www.continuaalliance.org](http://www.continuaalliance.org)

**Great Plains Telehealth Resource and Assistance Center (TRAC).** Collaboration of public, private, educational and nonprofit partners interested in promoting the use of telehealth technology in the Midwest and other parts of the country. [www.gptrac.org](http://www.gptrac.org)

**Home Care Technology Association of America (HCTAA).** Established by the National Association for Home Care and Hospice to promote and advocate for use of technology in home care. [www.hctaa.org](http://www.hctaa.org)

**Office for Advancement of Telehealth.** U.S. Dept. of Health and Human Services, Health Resources and Services Administration. Federal office that promotes use of telehealth for underserved populations (in rural/remote areas, low-income uninsured or Medicaid enrollees). Administers a range of grant programs. [www.hrsa.gov/telehealth/](http://www.hrsa.gov/telehealth/)

**Telemedicine Information Exchange.** Resource with information about telemedicine, telehealth, and related activities. Supported and maintained by the Association of Telehealth Service Providers. <http://tie.telemed.org>

## UNIVERSITIES RESEARCHING HOME SENSOR NETWORKING

**Georgia Institute of Technology - Aware Home Research Initiative/ Interactive Media Technology Center.** Residential laboratory exploring emerging home-based technologies and services - entertainment, management, support for at-risk residents. <http://awarehome.imtc.gatech.edu>

**Massachusetts Institute of Technology - Age Lab/School of Engineering.** Center created to invent new responses and technologies to improve people's health and enable lifelong independence. Current focus on driving/personal mobility, wellness/self-empowerment, independent living/caregiving. <http://web.mit.edu/agelab>

**Massachusetts Institute of Technology - House\_n Research Group/Dept. of Architecture.** Exploring how design of the home and related products, technologies and services should evolve. Demonstrates a new model for home

construction (Open Source Building Alliance); has operated an apartment-scale research facility where sensor networking technologies have been tested/evaluated (Place Lab); conducts research projects exploring use of sensor technologies. [http://architecture.mit.edu/house\\_n/](http://architecture.mit.edu/house_n/)

**Oregon Health and Science University – Oregon Center for Aging and Technology (ORCATECH).** Multidisciplinary team of clinicians, scientists and engineers developing technology and exploring responses to the challenge of successful aging. Particular focus on responding to loss of mobility and memory. Created a network of residences in the community for product/protocol test sites (Living Laboratory); testing development of hardware and software for in-home assessment (Point of Care Laboratory). [www.orcatech.org](http://www.orcatech.org)

**University of Colorado System - Coleman Institute for Cognitive Disabilities.** Mission is to foster and integrate advances in science, engineering and technology to promote independence and quality of life for persons with cognitive disabilities (e.g., intellectual disabilities, stroke, dementia, persistent mental illness). Operates a federal Rehabilitation Engineering Research Center (RERC) for the Advancement of Cognitive Technologies for the National Institute of Disability and Rehabilitation Research (NIDRR). [www.colemaninstitute.org](http://www.colemaninstitute.org)

**University of Florida - Center for Telehealth and Healthcare Communications/ College of Public Health and Health Professions.** Promotes research, investigation, clinical services and education in the field. Operates a Rehabilitation Engineering Research Center (RERC) on Technology for Successful Aging with funding from the National Institute on Disability and Rehabilitation Research (NIDRR). Center fosters research on communications, home sensor monitoring (including the Gator Tech Smart House - [www.icta.ufl.edu/qt.htm](http://www.icta.ufl.edu/qt.htm)) Alzheimer's Caregiver Telehealth Support (AlzOnline), an older drivers' project. [www.phhp.ufl.edu/centers/cthc.htm](http://www.phhp.ufl.edu/centers/cthc.htm)

**University of Missouri-Columbia - Center for Eldercare and Rehabilitation Technology.** Interdisciplinary faculty conducting multiple research initiatives exploring technology for seniors and others with physical and cognitive challenges. Current work concentrates on sensor networking, showcased at "Tiger Place," a sensor-enhanced housing development where residents can truly age in place through life changes. <http://eldertech.missouri.edu/overview.htm>  
Tiger Place: [www.americareusa.net/independent\\_living/Columbia\\_MO/zip\\_65201/american/1335](http://www.americareusa.net/independent_living/Columbia_MO/zip_65201/american/1335)

**University of Rochester (NY) - Center for Future Health.** Mission is to work toward a "proactive health system" putting prevention/early intervention technologies into everyday life. Promotes research, education and community outreach. Operates a "Smart Medical Home" research laboratory in which technologies can be tested. [www.futurehealth.rochester.edu](http://www.futurehealth.rochester.edu)

**University of Virginia, Medical Automation Research Center (MARC).** Program that provided research, development and consulting about medical automation and robotic systems. Supported development of a range of monitoring systems and a "Smart House" served as a facility for research, testing. Web site is still available: <http://marc.med.virginia.edu>

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