

Resource Summary Report

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UAB Comprehensive Neuroscience Center

RRID:SCR_007195

Type: Tool

Proper Citation

UAB Comprehensive Neuroscience Center (RRID:SCR_007195)

Resource Information

URL: <http://www.uab.edu/cnc>

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Description: The overall mission of the Comprehensive Neuroscience Center (CNC) is to promote and support interdisciplinary neuroscience research, clinical care and education at UAB. Despite significant advances over the last 15 years in understanding many basic neurological processes, development of more effective treatments for neurological and psychiatric diseases have been identified as the largest and fastest growing unmet medical need in this country. The institutions that can most rapidly and creatively establish the necessary neuroscience initiatives to facilitate the translation of basic research discoveries into effective therapies will be positioned to lead neurological and psychiatric disease research into the future. The Center integrates a variety of disciplines, including neurology, psychiatry, neurobiology, neurosurgery, psychology, vision science, and biomedical engineering. Faculty from the Schools of Medicine, Optometry, Social and Behavioral Sciences, Dentistry, Engineering, Health Professions, and Public Health are affiliated with the Center. The need to address neuroscience research is great: one in three Americans are affected by nervous system diseases including brain and spinal cord injury, dementing illnesses, schizophrenia, depression, movement disorders, multiple sclerosis, and autism. The burden of these diseases has an estimated economic cost of 500 billion per year in the United States. Center Research: The CNC serves as a vital center for neuroscience research at UAB and oversees six thematic programs of investigation: neurodevelopment and neurogenetics, neurodegeneration and experimental therapeutics, neuroregeneration and plasticity, behavioral and cognitive health, glial biology in medicine, and neuroimaging. The CNC helps coordinate the efforts of multiple neuroscience related centers at UAB, such as the Center for Glial Biology in Medicine, the Evelyn F. McKnight Brain Institute, the Civitan International Research Center, and the Alzheimers Disease Research Center. By interacting directly with these centers and establishing coalitions of centers and neuroscience subdisciplines, the CNC aids the UAB neuroscience community in meeting the challenges of modern neuroscience investigation. The CNC builds on other recent advances in neuroscience at UAB, including an 8.6 million grant from the National Institutes of Health to establish the Alabama Neuroscience

Blueprint Core Center Facility awarded in September 2006. The Neuroscience Blueprint establishes research infrastructure on campus that is shared by investigators from institutions across Alabama and the Southeast. UAB has also added dynamic new leadership in the neuroscience fields including the following new chairs: Ray L. Watts, MD, Neurology (from Emory University); David Sweatt, PhD, Neurobiology (from Baylor College of Medicine); and James Meador-Woodruff, MD, Psychiatry (from the University of Michigan).

Synonyms: University Of Alabama at Birmingham, UAB Comprehensive Neuroscience Center, CNC

Resource Type: portal, data or information resource, organization portal

Keywords: core facility, neurology, psychiatry, neurobiology, neurosurgery, psychology, vision science, biomedical engineering, nervous system, diseases, brain, spinal cord, injury, dementing illnesses, schizophrenia, depression, movement disorders, multiple sclerosis, autism, neuroscience, neurogenetics, neuroimaging, alzheimer

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Alternate IDs: nif-0000-00652

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Ratings and Alerts

No rating or validation information has been found for UAB Comprehensive Neuroscience Center.

No alerts have been found for UAB Comprehensive Neuroscience Center.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.