

Resource Summary Report

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Syracuse University; Institute for Sensory Research

RRID:SCR_003377

Type: Tool

Proper Citation

Syracuse University; Institute for Sensory Research (RRID:SCR_003377)

Resource Information

URL: <http://www.isr.syr.edu/>

Proper Citation: Syracuse University; Institute for Sensory Research (RRID:SCR_003377)

Description: The Institute for Sensory Research (ISR) defines itself as a world class research center dedicated to the discovery and application of knowledge of the sensory systems. Integration of engineering, life, and physical sciences, combining rigorous experimental methodology with mathematical analysis is stressed. Our multidisciplinary approach to bioengineering, sensory neuroscience, graduate, and undergraduate education, makes ISR a unique academic research center. At ISR, we study sensory systems, our gateways to the world. Our ears, eyes, skin, and mouth are channels through which we experience sound, light, texture, etc. These are functions that we usually take for granted until problems arise. Engineers, scientists, and students at ISR investigate both the basic sensory principles used by the brain, and also how the sensory systems can be best utilized, modified, and repaired if necessary to better communicate with our surroundings and with one another. In addition to basic research in hearing, touch, vision, and oro-facial biomechanics, recent projects include the design and testing of sensory-aid devices such as cochlear implants, hearing aids, ear protectors, and tactile aids for the visually and hearing impaired. Additional projects involve visual-depth perception, chewing and swallowing, oto-acoustic emissions, and personal care products such as oral rinses and skin lotions. Research * Auditory * Somatosensory * Vision

Abbreviations: ISR

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

Keywords: cochlea model, auditory, somatosensory, vision, eye, ear, skin, mouth, sensory system

Availability: Free, Freely available

Resource Name: Syracuse University; Institute for Sensory Research

Resource ID: SCR_003377

Alternate IDs: nif-0000-01969

Alternate URLs:

https://library.syracuse.edu/digital/guides_sua/html/sua_sensory_research.htm

Record Creation Time: 20220129T080218+0000

Record Last Update: 20260919T195018+0000

Ratings and Alerts

No rating or validation information has been found for Syracuse University; Institute for Sensory Research.

No alerts have been found for Syracuse University; Institute for Sensory Research.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.