

Center for Cognitive and Social Neuroscience News

CCSN Launches New Website

The new website design (ccsn.uchicago.edu) employs automatic updates, maximizes efficiency in web maintenance, and highlights the interdisciplinary, international nature of the Center. Taken together, these improvements support and promote the individual research efforts of Center members and affiliates, and the overall mission of the CCSN.

New elements in design, including updated systems for member profiles, publications, and news, have enhanced functionality of the website (ccsn.uchicago.edu). These updates provide current, accurate information about Center members, affiliates, research projects, resources and events.

Homepage

The Center's homepage features an introduction to the CCSN with an updated color scheme, logo, and layout to provide a clean, navigable user interface. Additionally, this page now offers direct links to the most current issue of the Center newsletter, and an archive of previous newsletters.

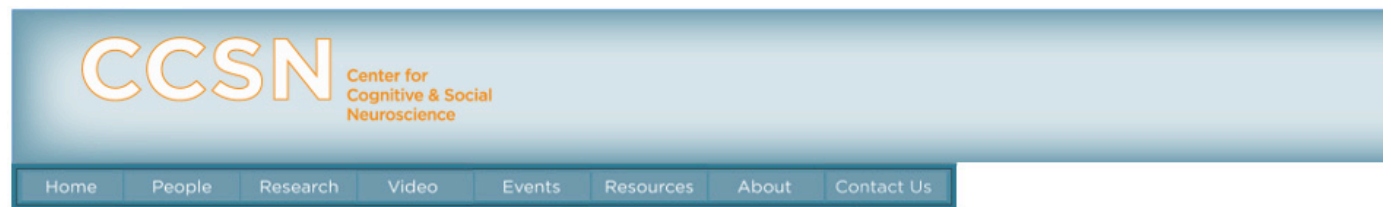
In The News

The homepage also includes a section featuring Center members and affiliates. Using an automatically updating news queue, this section is refreshed weekly by Center staff, providing a portal to recent news coverage about Center members.

"The news queue is created by a nightly scrape of internet news sites, using Center members' names and areas of research as key words. This allows the staff to choose stories to highlight without spending excessive time searching the web. It automates what can be a time consuming task and makes it easier for the site to feature recent news articles," explains J.S. Irick, systems engineer and lead architect of the new CCSN website.

Interactive Map

As the international constituency of the



Welcome to the Center for Cognitive and Social Neuroscience

Research on cognitive and social neuroscience investigates the neural mechanisms that underlie psychological and social processes. Although neuroscientists have long tended to focus on single organisms, organs, cells, or intracellular processes to understand cognition, many social species create emergent structures beyond the individual that guide social and psychological behavior. These emergent structures evolved hand in hand with neural and hormonal mechanisms to support them because the consequent social behaviors helped animals survive, reproduce, and care for offspring. [more...]

IN THE NEWS



Improving Communication Among Patients, Doctors and Married Couples - LiveScience.com
A profile on Boaz Keysar from the National Science Foundation. [Read More...](#)



Missing But Crucial to Successful Health Care: Empathy - Scientific American
Jean Decety examines the neuroscientific basis of pain empathy in physicians. [Read More...](#)



From the Start, the Mind Knows Night from Day - Newsweek
Brian Prendergast presents findings that day-night patterns and synchrony with circadian rhythms is likely innate. [Read More...](#)

News Archive

CURRENT NEWSLETTER



Collaborative Research
The National Academy of Sciences visits the CCSN, with Linda Waite. [Read More...](#)



Research Initiative Update
A discussion of neuroeconomics with Luigi Zingales. [Read More...](#)



Affiliate Lab Interview
Amir Raz discusses his work in atypical attention at McGill University. [Read More...](#)

Newsletter Archive

ABOVE: The redesigned website homepage

CCSN is one of the Center's most distinguishing characteristics, a sidebar on the homepage contains an interactive world map.

Markers on this map indicate the locations of all current Center members and

affiliates. Site users can select a location on this map to learn more about the individual represented and connect to his or her web page.

Upcoming Events

The events section of the homepage highlights Center events and provides a link to the Center calendar, where users can access more information on future Center meetings, conferences, and workshops.

Calendar

The *Events* section of the website opens to display current CCSN events in a monthly

calendar format. This section features a quick reference list of recent and future events. Each event listed on the calendar is linked to more information on the event, including time, location, and presentation abstracts.

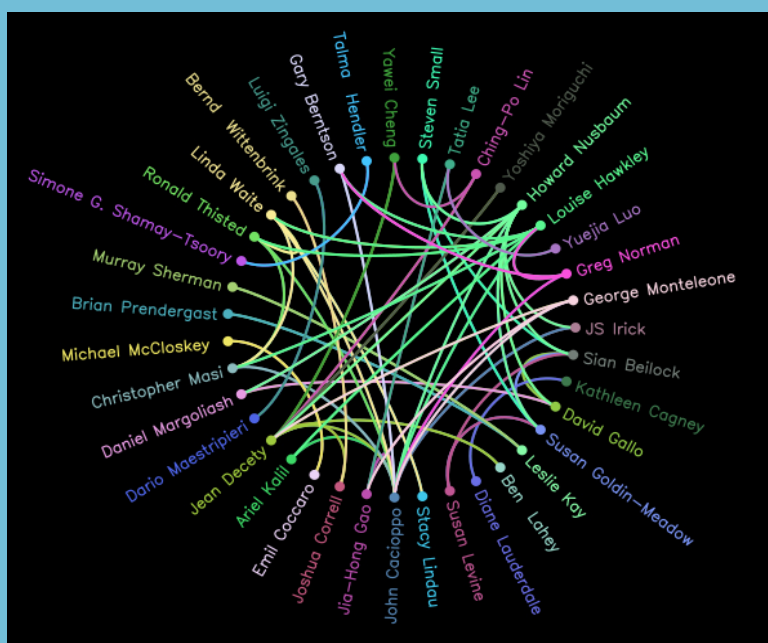
People

The Center for Cognitive and Social Neuroscience includes fifty faculty at the University of Chicago, as well as twenty-four affiliate labs at institutions worldwide. A profile of each CCSN member and affiliate has been created on the Center website. Each profile includes a photograph, contact information, a home page

THE NEW WEBSITE AVOIDS REDUNDANCY WHILE OFFERING CURRENT INFORMATION.

J.S. IRICK

HIGHLIGHTS FROM THE CCSN WEBSITE REDESIGN



This graphic highlights the collaborations of members and affiliates of the Center for Cognitive and Social Neuroscience. The lines connecting two or more members indicate that these individuals have co-authored academic articles.

link, a publications list, featured news items, and research initiative membership. A filtering function automatically sorts the list of profiles as the website user types in the search field, in the manner of Internet search engines. A custom tagging system notes when members are featured in news, media or newsletter articles.

“We wanted the Center site to offer current information on our members and affiliates without requiring those individuals to manually update their profiles with new publications, news stories, or other changes. Most of our members and affiliates manage their own external web pages, so the new website system avoids redundancy while offering current information,” says Irick.

The list of publications offered on each individual’s profile page is automatically populated during a nightly cull of the publication database PubMed, ensuring the website features current content. Each publication listed in an individual’s profile links to a new page featuring the full citation for this article, as well as a link to the article in an online database.

Research

Center research initiatives were conceived

“to organize faculty into groups addressing similar ‘big questions’” in cognitive and social neuroscience. The *Research* section of the website offers descriptions of these initiatives, identifies their leadership, and provides a list of affiliated labs and members for each group.

Resources and Videos

Videos of the Center’s visiting speakers are available on the website for viewing. The *Resources* section, still under development, contains information related to grant preparation and management, including National Science Foundation guides to writing grant proposals, links to grant-making organizations, and descriptions of research methodologies and statistical techniques.

Future Directions

The Center website will continue to develop and change over time. In the coming months, the Center website will be used as a tool to find connections between members and affiliates with common research interests, utilizing self-generated as well as publication keyword searches. This will aid in the Center’s mission to foster academic interdisciplinary research across boundaries. •

BELOW: A sample profile page of a Center member.

BELOW: A calendar on the CCSN website highlights upcoming events and workshops.

LEFT: An interactive map displays the locations of Center members and affiliates.

RECENT PUBLICATIONS BY CENTER MEMBERS AND AFFILIATES

Beilock, S.L., Gunderson, E.A., Ramirez, G., & Levine, S.C. (2010). Female teachers’ math anxiety impacts girls’ math achievement. *Proceedings of the National Academy of Sciences*, 107(5):1060-1063.

Demir, E., Levine, S.C., & Goldin-Meadow, S. (2011). Narrative skill in children with early unilateral brain injury: A possible limit to functional plasticity. *Developmental Science*, 13(4):636-647.

Kalil, A., Ziol-Guest K.M., Hawley L.C., & Cacioppo, J.T. (2010). Job insecurity and change over time in health among older men and women. *The Journals of Gerontology B, Psychological Sciences and Social Sciences*, 65B(1): 81-90.

Pierce, B.H., & Gallo, D.A. (2011). Encoding modality can affect memory accuracy via retrieval orientation. *Journal of Experimental Psychology: Learning Memory and Cognition*, 37(2): 516-521.

Sauer, E., Levine, S.C., Rowe, M., & Goldin-Meadow, S. (2010). Early gesture predicts language delay in children with pre- or perinatal brain lesions. *Child Development*, 81:528-539.

Waldman, I.D., Tackett J.L., Van Hulle C.A., Applegate B., Pardini D., Frick P. J., & Lahey B.B. (2011). Child and adolescent conduct disorder substantially shares genetic influences with three socioemotional dispositions. *Journal of Abnormal Psychology*, 120(1):57-70.

