

Dear Colleagues and Friends,

Welcome to the Summer 2019 edition of the CNLM Newsletter. We are excited to share with you recent news and research updates from our faculty and students, as well as invite you to join us for upcoming colloquia and events.

This summer, we are thrilled to announce an updated version of our website, [cnlm.uci.edu](http://cnlm.uci.edu). The website is designed to showcase the incredible work being done through the Center. We welcome your feedback. Please email [dlofflin@uci.edu](mailto:dlofflin@uci.edu) with your ideas.

Catch up on Learning & Memory updates by browsing the topics below.

- [Research Updates](#)
- [News and Highlights](#)
- [Upcoming Events](#)
- [We're Social!](#)

Sincerely,

## Research Updates

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**Drugs commonly taken to improve cognition only boost short-term focus – at high cost**

New research from CNLM fellow Sara Mednick's Sleep and Cognition Lab finds that nonprescribed psychostimulants impair sleep and working memory.

[Read More](#)



**CNLM fellow Pierre Baldi's deep learning algorithm solves Rubik's Cube faster than any human**

DeepCubeA, a deep reinforcement learning algorithm programmed by UCI computer scientists and mathematicians, can find the solution in a fraction of a second, without any specific domain knowledge or in-game coaching from humans.

[Read More](#)



**Research published by CNLM Fellow Dr. Sara Mednick suggests children who nap midday are happier, excel academically and have fewer behavioral problems**

New research led by Dr. Sara Mednick, a CNLM Fellow and associate professor of cognitive science, in collaboration with scientists at the University of Pennsylvania suggests a connection between midday napping and increased happiness, self-control and grit.

[Read More](#)

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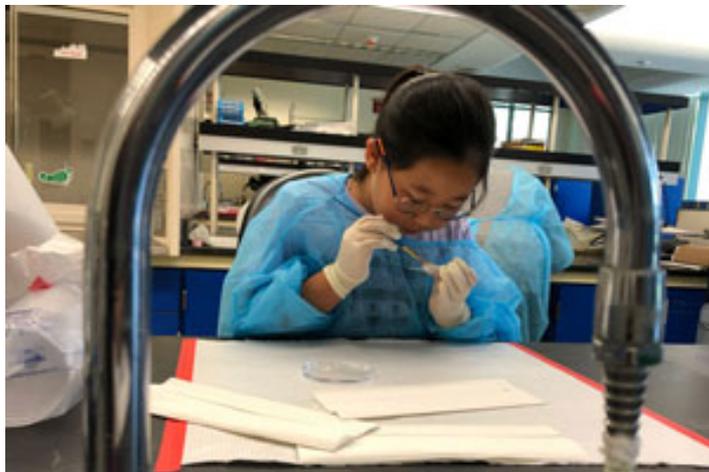


[Study touts new method to reduce cognitive side effects of brain cancer radiation treatment](#)

“Although more research needs to be done, this has the potential to revolutionize cancer care worldwide,” said Charles Limoli, a professor of radiation oncology in UCI’s School of Medicine and co-author of the study, which appears online this week in Proceedings of the National Academy of Sciences.

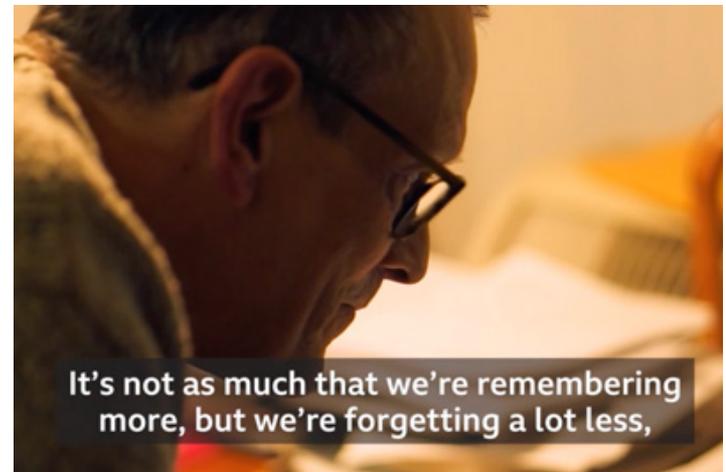
[Read More](#)

## News and Highlights



[UCI Brain Camp prepares children for careers in science](#)

This summer, 35 middle and high school students spent 2 weeks at UCI participating in a one-of-a-kind immersive neuroscience camp.



[BBC: The man who can remember every day of his life](#)

Featuring Dr. James McGaugh, UCI founding faculty member and founder of the Center for the Neurobiology of Learning and Memory.



[CNLM's Brain Explorer Academy expands](#)



[Thanks to CNLM Fellow Dr. Jack Lin a](#)

### [young minds](#)

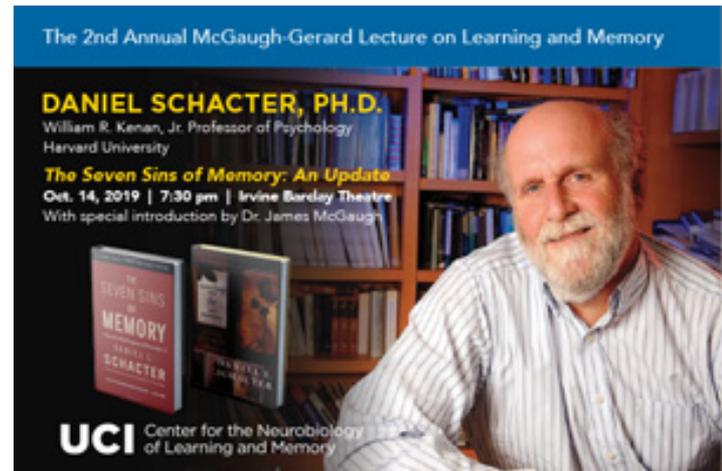
Outreach program for second- to eighth-graders promotes scientific thinking and interest in STEM careers. Developed by CNLM Director of Outreach and Education Manuella Yassa.



[UCI child neurologist Dr. Tallie Z. Baram is awarded \\$15 million Conte Center grant](#)  
NIH funding supports continued research into early-life origins of mental disorders.

### [patient is now seizure-free and able to achieve her dream of becoming a teacher](#)

Article featured in the *LA Times*.



[Dr. Daniel Schacter to give the 2nd annual McGaugh-Gerard Lecture on Learning and Memory](#)

Event will feature special introduction by Dr. James McGaugh.

## Upcoming Events

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Monday, Oct. 14  
7:30 - 8:30 p.m.

2nd Annual McGaugh Gerard Lecture on Learning & Memory with Dr. Daniel Schacter, Harvard  
***The Seven Sins of Memory: An Update***  
With special introduction by Dr. James McGaugh  
Irvine Barclay Theatre  
[RSVP Today](#)

Thursday, Nov 21

**Save The Date: UCI Brain Launch Event**  
The Beckman Center  
[Find Out More](#)

## We're Social!

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## Featured Tweet

Congratulations to CNLM Ambassador Karishma Muthukumar! [#UCIPride](#)  
<https://t.co/2FtjPZqYQH>

— UCI CNLM (@ucicnlm) [June 21, 2019](#)

Big idea, big potential: [@ucisocsci](#) student Karishma Muthukumar could soon help guide the [@NSF](#)'s research agenda as a 2026 Idea Machine finalist. Help her project on promoting empathy-based [#AI](#) gain support in the public comment phase: <https://t.co/x6vgXvlbC8> [pic.twitter.com/o5Z9TsSXek](https://pic.twitter.com/o5Z9TsSXek)

— UC Irvine (@UCIrvine) [June 21, 2019](#)



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