

# The University of Arizona is leading a study to develop methods for preventing age-related memory decline.

A technique already proven safe & effective for treatment of depression and migraines called transcranial magnetic stimulation (TMS) may be helpful for improving memory function as well. We need study participants!

The study involves in-person:

* Cognitive assessments
* MRI scan
* TMS
* Genotype test (oral swab)

Participants will receive:

* monetarily compensated for completing each block, up to $599

**Location**

* In-person appointments at the Brain Imaging and TMS Laboratory on UA Campus over the course of several months.

**Are you eligible?**

* Must be right-handed

**You can’t participate if you have:**

* History of neurological and psychiatric disease, fainting, or seizures.
* Any type of electrical or cochlear implant
* Any metal implanted in the body
* Enrolled in another interventional study within 6 months of participating in this study.
* pervious chronic pain treatment

**Call us and come be a part of research to prevent memory decline!**

**(520) 222-6971**

**tms-lab@list.arizona.edu**

**If you’re unsure if you meet the requirements, call or email a member of the study team:**

**Fred Schroeder**

**Research Coordinator**

**fschroeder@email.arizona.edu**

**(520) 222-6971**

**https://yinghuichou.wixsite.com/tmslab | IRB: STUDY00000010**

**Do You Have Memory Problems?**

If you are between the ages of 55 to 80 and experience age-related memory complaints or have an MCI (Mild Cognitive Impairment) diagnosis, you may be eligible to participate in a research study.

A black sign with white text

Description automatically generated

***An Institutional Review Board responsible for human subjects research at The University of Arizona reviewed this research project and found it to be acceptable, according to applicable state and federal regulations and University policies designed to protect the rights and welfare of participants in research.***



# The University of Arizona is leading a study to develop methods for preventing age-related memory decline.

A technique already proven safe & effective for treatment of depression and migraines called transcranial magnetic stimulation (TMS) may be helpful for improving memory function as well. We need study participants!

The study involves in-person:

* Cognitive assessments
* MRI scan
* TMS
* Genotype test (oral swab)

Participants will receive:

* monetarily compensated for completing each block, up to $599

**Location**

* In-person appointments at the Brain Imaging and TMS Laboratory on UA Campus over the course of several months.

**Are you eligible?**

* Must be right-handed

**You can’t participate if you have:**

* History of neurological and psychiatric disease, fainting, or seizures.
* Any type of electrical or cochlear implant
* Any metal implanted in the body
* Enrolled in another interventional study within 6 months of participating in this study.
* pervious chronic pain treatment

**Call us and come be a part of research to prevent memory decline!**

**(520) 222-6971**

**tms-lab@list.arizona.edu**

**If you’re unsure if you meet the requirements, call or email a member of the study team:**

**Fred Schroeder**

**Research Coordinator**

**fschroeder@email.arizona.edu**

**(520) 222-6971**

**https://yinghuichou.wixsite.com/tmslab | IRB: STUDY00000010**

**Do You Have Memory Problems?**

If you are between the ages of 55 to 80 and experience age-related memory complaints or have an MCI (Mild Cognitive Impairment) diagnosis, you may be eligible to participate in a research study.

A black sign with white text

Description automatically generated

***An Institutional Review Board responsible for human subjects research at The University of Arizona reviewed this research project and found it to be acceptable, according to applicable state and federal regulations and University policies designed to protect the rights and welfare of participants in research.***



# The University of Arizona is leading a study to develop methods for preventing age-related memory decline.

A technique already proven safe & effective for treatment of depression and migraines called transcranial magnetic stimulation (TMS) may be helpful for improving memory function as well. We need study participants!

The study involves in-person:

* Cognitive assessments
* MRI scan
* TMS
* Genotype test (oral swab)

Participants will receive:

* monetarily compensated for completing each block, up to $599

**Location**

* In-person appointments at the Brain Imaging and TMS Laboratory on UA Campus over the course of several months.

**Are you eligible?**

* Must be right-handed

**You can’t participate if you have:**

* History of neurological and psychiatric disease, fainting, or seizures.
* Any type of electrical or cochlear implant
* Any metal implanted in the body
* Enrolled in another interventional study within 6 months of participating in this study.
* pervious chronic pain treatment

**Call us and come be a part of research to prevent memory decline!**

**(520) 222-6971**

**tms-lab@list.arizona.edu**

**If you’re unsure if you meet the requirements, call or email a member of the study team:**

**Fred Schroeder**

**Research Coordinator**

**fschroeder@email.arizona.edu**

**(520) 222-6971**

**https://yinghuichou.wixsite.com/tmslab | IRB: STUDY00000010**

**Do You Have Memory Problems?**

If you are between the ages of 55 to 80 and experience age-related memory complaints or have an MCI (Mild Cognitive Impairment) diagnosis, you may be eligible to participate in a research study.

A black sign with white text

Description automatically generated

***An Institutional Review Board responsible for human subjects research at The University of Arizona reviewed this research project and found it to be acceptable, according to applicable state and federal regulations and University policies designed to protect the rights and welfare of participants in research.***



**Do You Have Memory Complaints?**

If you are between the ages of 55 to 80 and experience age-related memory problems or have an MCI (Mild Cognitive Impairment) diagnosis, you may be eligible to participate in a research study.

**https://yinghuichou.wixsite.com/tmslab | IRB: STUDY00000010**

**Call us and come be a part of research to prevent memory decline!**

* **(520) 222-6971**
* **tms-lab@list.arizona.edu**

**You won’t be able to participate if you have:**

* History of neurological and psychiatric disease, fainting, or seizures.
* Any type of metal or electrical implant
* Enrolled in different interventional study

**If you’re unsure if you meet the requirements, call or email a member of the study team:**

* **Fred Schroeder**
* **Research Coordinator**
* **fschroeder@email.arizona.edu**
* **(520) 222-6971**

**The University of Arizona is leading a study to develop methods for preventing age-related memory decline.**

A technique already proven safe & effective for treating depression and migraines called transcranial magnetic stimulation (TMS) may be helpful for improving memory function as well. We need study participants!

The study involves in-person:

* Cognitive assessments
* MRI scan
* TMS
* Genotype test (oral swab)

Participants will receive:

* monetarily compensated for completing each block, up to $599

Location:

* In-person appointments at the Brain Imaging and TMS Laboratory at UA Campus of the course of several months.

A black sign with white text

Description automatically generated

***An Institutional Review Board responsible for human subjects research at The University of Arizona reviewed this research project and found it to be acceptable, according to applicable state and federal regulations and University policies designed to protect the rights and welfare of participants in research.***



**Do You Have Memory Complaints?**

If you are between the ages of 55 to 80 and experience age-related memory problems or have an MCI (Mild Cognitive Impairment) diagnosis, you may be eligible to participate in a research study.

**Call us and come be a part of research to prevent memory decline!**

* **(520) 222-6971**
* **tms-lab@list.arizona.edu**

**You won’t be able to participate if you have:**

* History of neurological and psychiatric disease, fainting, or seizures.
* Any type of metal or electrical implant
* Enrolled in different interventional study

**If you’re unsure if you meet the requirements, call or email a member of the study team:**

* **Fred Schroeder**
* **Research Coordinator**
* **fschroeder@email.arizona.edu**
* **(520) 222-6971**



**https://yinghuichou.wixsite.com/tmslab | IRB: STUDY00000010**

**The University of Arizona is leading a study to develop methods for preventing age-related memory decline.**

A technique already proven safe & effective for treating depression and migraines called transcranial magnetic stimulation (TMS) may be helpful for improving memory function as well. We need study participants!

The study involves in-person:

* Cognitive assessments
* MRI scan
* TMS
* Genotype test (oral swab)

Participants will receive:

* monetarily compensated for completing each block, up to $599

Location:

* In-person appointments at the Brain Imaging and TMS Laboratory at UA Campus of the course of several months.

A black sign with white text

Description automatically generated

***An Institutional Review Board responsible for human subjects research at The University of Arizona reviewed this research project and found it to be acceptable, according to applicable state and federal regulations and University policies designed to protect the rights and welfare of participants in research.***



**Do You Have Memory Complaints?**

If you are between the ages of 55 to 80 and experience age-related memory problems or have an MCI (Mild Cognitive Impairment) diagnosis, you may be eligible to participate in a research study.

**https://yinghuichou.wixsite.com/tmslab | IRB: STUDY00000010**

**The University of Arizona is leading a study to develop methods for preventing age-related memory decline.**

A technique already proven safe & effective for treating depression and migraines called transcranial magnetic stimulation (TMS) may be helpful for improving memory function as well. We need study participants!

The study involves in-person:

* Cognitive assessments
* MRI scan
* TMS
* Genotype test (oral swab)

Participants will receive:

* monetarily compensated for completing each block, up to $599

Location:

* In-person appointments at the Brain Imaging and TMS Laboratory at UA Campus of the course of several months.

**Call us and come be a part of research to prevent memory decline!**

* **(520) 222-6971**
* **tms-lab@list.arizona.edu**

**You won’t be able to participate if you have:**

* History of neurological and psychiatric disease, fainting, or seizures.
* Any type of metal or electrical implant
* Enrolled in different interventional study

**If you’re unsure if you meet the requirements, call or email a member of the study team:**

* **Fred Schroeder**
* **Research Coordinator**
* **fschroeder@email.arizona.edu**
* **(520) 222-6971**

A black sign with white text

Description automatically generated

***An Institutional Review Board responsible for human subjects research at The University of Arizona reviewed this research project and found it to be acceptable, according to applicable state and federal regulations and University policies designed to protect the rights and welfare of participants in research.***

A picture containing drawing

Description automatically generated

**Hippocampal Plasticity Study at Brain Imaging and TMS Laboratory**

UA Psychology Dept. (520) 222-6971