Martinos Center
Summer Symposium 2021
Concluding Remarks
High School Awardee
Chigozirim (ChiChi)


Charlie Lu, Jayashree Kalpathy-Cramer

“Chigozirim is absolutely incredible. This work was very high quality, and very inspiring. Student is performing at absolutely an outstanding high level.”
High School Honorable Mentions

Elijah Lee-Robinson “Open Science in Psychology”
Felicia Petterway, Lauren Breithaupt-Langston

LCN2: “Labeling Vessels on MRI Imaging”
Amy Nguyen, Rebecca Jeneid, Elisha Alexandre, Shadeh Okoudjou & Dat Vu
RA/RT/CRC/Undergrad Awardee
RA/RT/CRC/Undergrad Awardee

Mary A Hamel (Undergrad intern)

Fine motor weaknesses in children with PANDAS

Mary A Hamel, Kyle Williams, MD, PhD, Sarah O’Dor, PhD
Post-doc/Grad/Med Awardee
Lucia I. Navarro de Lara

TMS Lab

The “RF-EEG Cap”: a technological solution for high sensitivity whole-head concurrent TMS/EEG/fMRI experiments at 3T

Lucia I. Navarro de Lara, PhD; Padmavathi Sundaram, PhD; Mohammad Dahneshzand, PhD; Jason P Stockmann, PhD; Lawrence L. Wald, PhD and Aapo Nummenmaa, PhD
Thank you!

Judges

Dr. Matt Rosen  
Dr. Stefan Carp  
Dr. Lilla Zollei  
Dr. David Izquierdo  
Dr. Christian Farrar  
Dr. Robert Savoy  
Dr. Bin Deng  
Dr. Edmarie Guzman-Velez  
Dr. Aapo Nummenmaa  
Dr. Rob Barry  
Dr. Christin Sander  
Dr. Chongzhao Ran  
Dr. Jean Agustinack  
Dr. Noam Peled
Thank you!
Thank you!

Keynote Speakers

Dr. Bruce Rosen

Dr. Susie Huang
Thank you!

Lightning Talk Speakers

Erendira Garcia Pallares
Katharina Hoebel
Dr. Mary Catanese
Thank you!
MCSS Organizing Committee

Paulita Lara-Mejia
Divya Varadarajan
Caroline Magnain
Cecilia Hinojosa
Edmarie Guzmán-Vélez
Katharina Hoebel
Arvina Grahl
Dylan Hughes
Rachel Sussman
Thank you!
Poster presenters!

High School Presenters
HaiAu Nguyen
Emanuelli Fernandes
Katie Mendez-Solano
Rachel Rivas
Betania Zelalem
Melenie Gutierrez
Chigozirim Ifebi
Ollaya Kirkib
Elijah Lee-Robinson
Nicole Hernandez
Tenzin Chime

RA/RT/CRC/Undergrad
Allison Chang
Annie G. Bryant
Bryan Kennedy
Erendira Garcia Pallares
Erin Hardy
Hannah Bues
Harrison Fisher
Julia Zagaroli
Mary Hamel
Maya Barton-Zuckerman
Natalie Edwards
Nicolge Grinspan
Rebecca Belisle
Sam Blackman

Post-doc/Grad/Med
Aidan Pavao
Biyue Zhu
David Guarin
Elisenda Bueicheku
Hong Hsi Lee
Jessica Wang
Jeungchan Lee
Lucia Navarro de Lara
Meredith Cox
Nathalia Quioz Molinares
Patrick Doran
Rahul Paul
Roos Jutten
Yuanyuan Jiang
Thank you labs!

**Martinos Faculty**
- Dr. Ovidiu Andronesi
- Dr. Stefan Carp
- Dr. Berkin Bilgic
- Dr. Anand Kumar
- Dr. Sudeshna Das
- Dr. Rob Barry
- Dr. Vitaly Napadow
- Dr. Jayashree Kalpathy-Cramer
- Dr. Clarissa Cooley
- Dr. Susie Huang
- Dr. Josh Roffman
- Dr. Jingyuan Chen
- Dr. David Salat
- Dr. Lauren Breithaupt
- Dr. Sandra Stankovic
- Dr. Pamela Mahon (BWH)

**Lab mentors**
- Dr. Rahul Pal
- Colin Magdamo
- Ayush Noori
- Olivia Rowe
- Alessandra Anzolin
- Maya Polackal
- Dylan Hughes
- Kelli Devitte-McKee
- Dr. Jessica Busler (BWH)

**WiS organizers**
- Arvina Grahl
- Dylan Hughes
- Erendira Garcia Pallares
- Natalie Ferris
WiS future in STEM course

- Introductory scientific seminars
- Research skills seminars
- Career development seminars
- Stress management seminar
- DEI seminars
- Personalized career mentoring
Thank you
scientific skills training team

Scientific seminars:
Dr. Hector de Jesus-Cortes: Introduction to Neuroscience
Christopher Player: Introduction to Coding
Dr. Caroline Magnain: Optical Microscopy for Postmortem Human Brain Imaging
Dr. Diana Rosas: Huntington's Disease and Clinical Trials Research
Dr. Lilla Zollei: Pediatric Neuroimaging
Dr. Andre van der Kouwe: Introduction to Viruses
Dr. Douglas Greve: Introduction to fMRI
Dr. Brian Edlow: Searching for Consciousness in the ICU
Dr. Arundati Nagendra: Health Disparities/Schizophrenia

Simulation lab (Thanks to MGH youth scholars):
Hands on workshop where interns worked with MGH clinicians to diagnose a mysterious illness. Interns gained hand on knowledge on how clinicians assess situations and make decisions.
Thank you scientific skills training team

Scientific panel discussions:
Dr. Divya Varadarajan, Dr. Arvina Grahl, and Dr. Cecilia Hinojosa: Importance of coding in Research
Emily Hegel, Alison McManus, and Courtney Jordan: Nurses in Research

Research skills seminars
Dr. Michael VanElzakker
Joshua Fuller
Dr. Edmarie Guzman-Velez
How to read a scientific paper?
How to make a poster?
How to present a poster?
Thank you career and DEI seminars team

College and professional skills seminars:
- Dr. Cecilia Hinojosa: Resume / CV workshop
- MCSI 2020 cohort: College panel with current students
- Julia Martorell: College Admission and goal setting workshop
  Assistant Director of Undergraduate Admission,
  Boston University
- Ren Garcia (Thanks to LCN internship): College essay writing, College
  financial aid/scholarship opportunities

DEI and wellbeing seminars:
Dr. Divya Varadarajan and Dr. Cecilia Hinojosa: Understanding Barriers in
STEM (faced by our interns)
Rana Chudnofsky, Benson-Henry Institute at MGH: Stress resiliency workshop
Dr. Julie Price, Dr. Yi-Fen Yen,
Dr. Daniel Chonde, and Dr. Mary Catanease: Diversity panel discussion
Paige Sparks: Self-advocacy workshop
Thank you mentors

**Career Mentors**
- Kim Nestor
- Cecilia Hinojosa
- Juliana Ison
- Andrea Pence
- Brian Le
- Melissa aWu
- Leah Morgan
- Maya Barton-Zuckerman
- Christian Castro
- Hannah Gilman
- Kassandra Round
- Daniel Tapia
- Kieran A. Bhave
- Vi Le
- Zoe Laky
- Jennifer Lee Fiedler
- Natalie Ferris

**WiS organizers**

Jennifer Lee Fiedler
Olivia Schneider
Thank you Internship Collaborators, Leadership and HR team

**Internship collaborators**
LCN internship - Dr. Bruce Fischl, Devani Cordero, Allison Stevens, Ren Garcia

MGH youth scholars

Cambridge Mayor’s summer employment program

Greater Boston area high schools - Revere, Everett, Boston, Cambridge and Malden

**Leadership**
Dr. Bruce Rosen
David Vaughn

**Human Resources**
Donna Crowe
Jill Smith
Matthew Lipinski
Please email WiS_MGHMartinos@partners.org if you are interested in joining or learning more about WiS.

All genders are welcome!

We are looking for passionate researchers interested in advancing equity at the Center.
And thank you for attending!!